

REGIONAL FLOOD CONTROL DISTRICT



NOTICE OF PUBLIC MEETING

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT CITIZENS ADVISORY COMMITTEE

MAY 27, 2021
3:00 P.M.

On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026, 029, 041 and 044 have extended certain mitigation measures related to Open Meeting Law as originally set forth in Emergency Directive 006. Pursuant to Emergency Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Clark County Regional Flood Control District Citizens Advisory Committee on May 27, 2021.

The meeting of the Clark County Regional Flood Control District Citizens Advisory Committee will be available to livestream at the following link <https://www.regionalflood.org/programs-services/meetings-and-agendas/meeting-live-stream/>.

Additionally, the Regional Flood Control District encourages citizen participation at its public meetings and will be accepting public comment via email. **Public comments relating to the Regional Flood Control District's Citizens Advisory Committee may be submitted via email to publiccomment@regionalflood.org.** Please make sure to include your name and the agenda item number you wish to comment on. Also, please indicate if you would like your comment read on the record as part of the record or just added to the backup for the record. Only the first 500 words of comments submitted to be read into the record will be read aloud. The remaining words will be included in the written record.

This agenda, including the supporting materials, is available at the Regional Flood Control District's website, <https://www.regionalflood.org>; or by contacting Deanna Hughes through mail at 600 South Grand Central Parkway, Suite 300 Las Vegas, Nevada 89106, by calling (702) 685-0000, or by email at DHughes@regionalflood.org.

In accordance with the State of Nevada Executive Department's Declaration of Emergency, Directive 006, and subsequent Directives, which includes exceptions to Open Meeting Law, it is hereby noted that this meeting agenda has been properly noticed and posted at the following locations:

Regional Flood Control District
Website
www.regionalflood.org

Nevada Public Notice
<https://notice.nv.gov>

By: Jacqueline Ramirez

1. **Comments By the General Public**

This is a period devoted to comments by the general public about items on **this** agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026, 029, 041 and 044 have extended certain mitigation measures related to Open Meeting Law as originally set forth in Emergency Directive 006. Pursuant to Emergency Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Clark County Regional Flood Control District Citizens Advisory Committee on May 27, 2021.

In accordance with the Notice of Public Meeting, public comment may be submitted via email at the following address: publiccomment@regionalflood.org. Those comments will be read into the record and will become part of the written record.

REGIONAL FLOOD CONTROL DISTRICT



AGENDA
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CITIZENS ADVISORY COMMITTEE
May 27, 2021
3:00 P.M.

- Items on the agenda may be taken out of order.
- The Regional Flood Control District Citizens Advisory Committee may combine two or more agenda items for consideration.
- The Regional Flood Control District Citizens Advisory Committee may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.
- This meeting of the Citizens Advisory Committee will be available to livestream at the following link: <https://www.regionalflood.org/programs-services/meetings-and-agendas/meeting-live-stream/>

I. Call to Order

1. Comments By the General Public

This is a period devoted to comments by the general public about items on **this** agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026, 029, 041 and 044 have extended certain mitigation measures related to Open Meeting Law as originally set forth in Emergency Directive 006. Pursuant to Emergency Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Clark County Regional Flood Control District Citizens Advisory Committee on May 27, 2021.

In accordance with the Notice of Public Meeting, public comment may be submitted via email at the following address: publiccomment@regionalflood.org. Those comments will be read into the record and will become part of the written record.

2. Action to approve the agenda with deletion of any items (*For possible action*)

3. Action to approve the minutes of the May 3, 2021 meeting (*For possible action*)

II. Administration

4. Action to accept the financial reports (*For possible action*)
5. Action to adopt amendments to the Ten-Year Construction Program (*For possible action*)
6. Action to accept the ninth amendment to the final accounting report and project closeout for the following project (*For possible action*):
 - Tropicana Wash at Swenson Street (construction) – CLA10G12
7. Action to accept the final accounting report and close out the interlocal contract for the following project (*For possible action*):
 - Fifth Street Collector, Centennial Pkwy to Deer Springs Way (design) – NLV17C16
8. Receive the Third Quarter Maintenance Work Program Status Reports for FY 2020-2021 as submitted by the entities
9. Action to approve the budgets, plans and interlocal contracts for the Fiscal Year 2021-2022 Maintenance Work Program (*For possible action*)
10. Action to approve an interlocal agreement-revocable permit for occupancy of City of Henderson owned property between the City of Henderson and the Regional Flood Control District to install a rain gauge as part of the Flood Threat Recognition System (*For possible action*)
11. Action to approve an agreement to reimburse Clark County Regional Flood Control District (District) for expedited review of Section 408 permit from US Army Corps of Engineers, Los Angeles District (Corps) (*For possible action*)
12. Action to approve an interlocal agreement among the City of Henderson, City of Las Vegas, City of North Las Vegas, Clark County, Clark County Regional Flood Control District, Clark County Water Reclamation District and the Southern Nevada Water Authority to establish funding allocations and the budget for the Las Vegas Wash Activities in Fiscal Year 2021-22 (*For possible action*)

13. Action to approve the professional services agreement with HDR Engineering, Inc., for the National Pollutant Discharge Elimination System Permit Compliance for the Las Vegas Valley (*For possible action*)
14. Action to adopt the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2021-2022 Project List and take any action deemed appropriate (*For possible action*)

III. Design and Construction

15. Action to approve second supplemental interlocal contract for design to extend the project completion date for Whitney Ranch Channel Replacement Project – City of Henderson (*For possible action*)
16. Action to approve the fourth supplemental interlocal contract for design to increase funding, extend the project completion date and change the name of the project from Windmill Wash Detention Basin Expansion to Windmill Wash Detention Basin Expansion and Jess Waite Levee Facilities – Clark County (*For possible action*)
17. Action to approve an interlocal contract for design for Anthem Parkway Channel – Horizon Ridge to Siena Heights – City of Henderson (*For possible action*)
18. Action to approve the sixth supplemental interlocal contract for design to increase funding and extend the project completion date for Town Wash – Mesa Boulevard, El Dorado to Town Wash – City of Mesquite (*For possible action*)
19. Action to approve the first supplemental interlocal contract for design to increase funding for Duck Creek/Blue Diamond, Bermuda Road to Las Vegas Boulevard – Clark County (*For possible action*)
20. Wagon Trail Channel – Sunset Road to Teco Avenue – Clark County (*For possible action*)
 - a. Action to accept the project presentation
 - b. Action to approve the interlocal contract for construction
21. Fairgrounds Detention Basin and Outfall – Clark County (*For possible action*)
 - a. Action to accept the project presentation
 - b. Action to approve the interlocal contract for construction

22. Action to approve a Master Plan Amendment for Searchlight West – Clark County
(For possible action)

IV. Other Items

23. Action to approve a Proclamation that July 2021 be proclaimed “Flash Flood Awareness Month” and that all residents and visitors be urged to make themselves aware of the dangers of flash flooding in order to take the necessary precautions in preventing the loss of property *(For possible action)*
24. Action to approve the optional one year extension to the Interlocal Agreement with KCLV-Channel 2 for the term of July 1, 2021 through June 30, 2022 and authorize funding in the amount of \$89,900 for videotaping and editing of four Flood Channel television shows *(For possible action)*

25. **Comments By the General Public**

This is a period devoted to comments by the general public about matters relevant to the Regional Flood Control District Citizens Advisory Committee jurisdiction. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026, 029, 041 and 044 have extended certain mitigation measures related to Open Meeting Law as originally set forth in Emergency Directive 006.

In accordance with the Notice of Public Meeting, public comments may be submitted via email at the following address: publiccomment@regionalflood.org. Comments will be read into the record and will become part of the written record. No vote may be taken on a matter not listed on the posted agenda.

MINUTES
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CITIZENS ADVISORY COMMITTEE
MAY 3, 2021
3:00 P.M.

These minutes are prepared in compliance with NRS 241.035. Text is in summarized rather than verbatim format. For complete contents, please refer to meeting recordings on file at the Regional Flood Control District (RFCD) offices.

MEETING NOTICES This is a period devoted to comments by the general public about items on this agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026, 029, 041 and 044 have extended certain mitigation measures related to Open Meeting Law as originally set forth in Emergency Directive 006. Pursuant to Emergency Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Clark County Regional Flood Control District Citizens Advisory Committee on May 3, 2021.

In accordance with the Notice of Public Meeting, public comments may be submitted via email at the following address: publiccomment@regionalflood.org. Those comments will be read into the record and will become part of the written record.

The meeting of the Citizens Advisory Committee was available to livestream at the following link:
<https://www.regionalflood.org/programs-services/meetings-and-agendas/meeting-live-stream>.

Public Notices of this meeting were properly posted by Jacqueline Ramirez of the Regional Flood Control District in the following locations: Clark County Regional Flood Control District Website (www.regionalflood.org) and the State of Nevada Public Notice Website (<https://notice.nv.gov/>).

CALL TO ORDER: Mr. Ron Newell, Chair, Clark County, called the meeting to order at 3:09 p.m. through the virtual hosted meeting on <https://www.regionalflood.org/programs-services/meetings-and-agendas/meeting-live-stream> with the following members present:

MEMBERS PRESENT: Ron Newell, Chair, Clark County
Norman Ashford, City of Mesquite
Jim Jordano, City of Henderson
James Houts, City of Boulder City
Brian Wilson, City of Las Vegas
Bertha Gutierrez, Clark County

MEMBERS ABSENT: Bill Starmer, Vice-Chair, City of Las Vegas
Karina Barragan, City of North Las Vegas
Harshal Desai, City of Henderson

STAFF: Steven C. Parrish, General Manager/Chief Engineer
Andrew Trelease, Assistant General Manager
Christopher Figgins, RFCD Attorney
Jeanine Pitts-Dilworth, Administrative Services Director
John Tennert, Environmental Mitigation Manager
Erin Neff, Public Information Manager
Abigail Mayrena, Principal Civil Engineer
Brian Rowley, Principal Civil Engineer
Deanna Hughes, Administrative Services Administrator
Michael Todd, Systems Administrator
Jessica Butte, Fiscal Services Administrator
Tammy McMahan, Office Services Manager
Jacqueline Ramirez, Senior Office Specialist

INTERESTED PARTIES: Jeff Griest, P.E., CFM, Project Manager, Jacobs

I. Call to Order

Mr. Ron Newell, Chair, Clark County, called the meeting to order at 3:09 p.m. through the virtual hosted meeting on <https://www.regionalflood.org/programs-services/meetings-and-agendas/meeting-live-stream>.

1. Comments By the General Public

Ms. Ramirez set forth on the record that there was no response to the call for Comments by the General Public submitted via email to publiccomment@regionalflood.org.

2. Action to approve the agenda with deletion of any items (*For possible action*)
 - a. Discussion and action to reschedule the meeting date of May 31, 2021 due to the Memorial Day Holiday (*For possible action*)

Staff recommends approval of the agenda.

Mr. Newell moved to approve the agenda.

**6 AYES – 0 NAYS
Motion Carried**

Regarding Item #2a., Mr. Parrish indicated that the next Citizens Advisory Committee (CAC) meeting would need to be rescheduled to May 27, 2021 due to the Memorial Day Holiday

Staff recommends approval of Item #2a.

Ms. Gutierrez moved to approve Item #2a.

**6 AYES – 0 NAYS
Motion Carried**

3. Action to approve the minutes of the March 29, 2021 meeting (*For possible action*)

Staff recommends approval of the minutes.

Mr. Wilson moved to follow staff recommendation.

**6 AYES – 0 NAYS
Motion Carried**

II. Administration

4. Action to accept the financial reports (*For possible action*)

Mr. Parrish stated that the February 2020 sales tax revenues totaled \$8,394,033.87, which was \$140,095.57 or 1.64% below budget, and that Fiscal Year 2020-2021 had generated \$69,897,744.30 in sales tax revenues year-to-date, which was \$931,308.75

or 1.31% below estimate. He expressed that he was pleased with the revenue receipts, considering the economic uncertainties arising from the pandemic. Mr. Parrish pointed out that the “Rolling 12-Month Total Sales Tax Revenue” chart, which was included in the item’s backup, has displayed a continual decline since the beginning of the pandemic. However, he expected to see revenues increase in the near future.

Staff recommends acceptance of the financial reports.

Mr. Jordano moved to follow staff recommendation.

6 AYES – 0 NAYS

Motion Carried

5. Action to adopt amendments to the Ten-Year Construction Program (*For possible action*)

Mr. Parrish stated that the amendments to the Ten-Year Construction Program concerned fiscal impacts set forth later in the agenda. He added that the item also included a City of North Las Vegas amendment regarding the addition of a design project to year-one.

Staff recommends approval.

Mr. Newell moved to follow staff recommendation.

6 AYES – 0 NAYS

Motion Carried

6. Action to accept the final accounting report and close out the interlocal contract for the following project (*For possible action*):

- Centennial Parkway Channel West-US95, CC215 to Durango (design) – LAS23G15

Mr. Parrish stated that the City of Las Vegas had completed construction and the project was being closed. He noted the close out would return \$212,684.98 to the fund.

Staff recommends approval.

Mr. Newell moved to follow staff recommendation.

6 AYES – 0 NAYS
Motion Carried

7. Discussion and possible action to approve the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2021-2022 Project List (*For possible action*)

Mr. Parrish reported that the program draft plans had been received and reviewed for accuracy and reasonableness. He informed the Citizens Advisory Committee that the revisions had been sent to each of the six member entities for a final review before the District presents the Ten-Year Construction Program update to the Technical Advisory Committee and the Citizens Advisory Committee during May 2021. Furthermore, the matter would be submitted to the Regional Flood Control District Board of Directors (District Board) in June 2021 for the District Board's review and adoption.

No action required

III. Design and Construction

8. Action to approve the second supplemental interlocal contract for design to extend the project completion date for Pittman – Sunset, Galleria to Foster – City of Henderson (*For possible action*)

Mr. Parrish stated that the item involved an extension of time for the design contract.

Staff recommends approval of the minutes.

Mr. Wilson moved to follow staff recommendation.

6 AYES – 0 NAYS
Motion Carried

9. Receive a report on the award of bid for construction for Hollywood System, Phase II, Nellis Air Force Base Reach – City of North Las Vegas

Mr. Parrish reported that six bids were opened for this project on July 24, 2019. He set forth that the recommended best bid had gone to Fisher Sand and Gravel, in the amount of \$15,992,986, which was 3.4% below the engineer's estimate that had been presented to the District Board in May 2019.

Mr. Jordano inquired about the contractor's bid coming in lower than the engineer's estimate. Mr. Parrish explained that there had been a prior agenda item that involved reduced funding. He added that the project had been completed, and the report was a formality related to the close out.

No action required

10. Flamingo – Boulder Highway North, Charleston – Boulder Hwy to Maryland Pkwy and Maryland Pkwy System – City of Las Vegas
 - a. Action to approve the second supplemental interlocal contract for construction to decrease funding (*For possible action*)
 - b. Receive a report on the award of bid for construction

Mr. Parrish stated that Item #10a was a supplement to reduce funding due to a \$5,349,816 surplus that resulted from favorable bids.

Mr. Parrish reported that Item #10b involved three bid submittals that opened on March 25, 2021. He noted that the recommended best bid went to Las Vegas Paving in the amount of \$51,500,000. Mr. Parrish shared that the District's portion of the work totaled \$39,391,855.19 and was 15% below the engineer's estimate, which was presented to the District Board on January 14, 2021. He stated that there was outside funding related to the project.

Staff recommends approval.

Mr. Newell moved to follow staff recommendation for Item #10a.

**6 AYES – 0 NAYS
Motion Carried**

No action required on Item #10b

11. Action to approve the interlocal contracts for design for the following projects (*For possible action*):

- a. Las Vegas Wash – Iron Mountain, Bradley to Decatur – City of Las Vegas
- b. Centennial Parkway Channel West – Farm Road, Oso Blanca to Tee Pee – City of Las Vegas

Mr. Parrish stated that the interlocal contracts were for the design of two new projects.

Staff recommends approval of Item #11a and Item #11b.

Mr. Jordano moved to follow staff recommendation on Item #11a and Item #11b.

**6 AYES – 0 NAYS
Motion Carried**

- 12. Action to approve a Master Plan Change for Gowan Outfall Facilities, Simmons Street to Clayton Street – City of North Las Vegas *(For possible action)*

Mr. Parrish stated that the City of North Las Vegas had requested a change to the Master Plan. He invited Mr. Jeff Griest with Jacobs to provide a project presentation.

Mr. Jordano inquired about the design flow. Mr. Griest responded that the design flow was 5200-5500 cubic feet per second (cfs) through the corridor.

Staff recommends approval in accordance with the recommendation listed in the agenda item backup.

Mr. Newell moved to follow staff recommendation as listed in the agenda item backup.

**6 AYES – 0 NAYS
Motion Carried**

- 13. Gowan Outfall, Alexander Road – Decatur Boulevard to Simmons Street and Simmons Street to Clayton – City of North Las Vegas *(For possible action)*
 - a. Action to accept the project presentation
 - b. Action to approve the interlocal contract for construction

Mr. Jeff Griest with Jacobs provided a project presentation.

Staff recommends accepting the presentation related to Item #13a.

Mr. Wilson moved to follow staff recommendation for Item#13a.

6 AYES – 0 NAYS

Motion Carried

Regarding Item #13b, Mr. Parrish stated that the interlocal contract for construction would have a total fiscal impact of \$33,988,550. He noted that sufficient funds were available for the project.

Ms. Gutierrez inquired about the environmental mitigation budget line item. Mr. Griest explained that Section 8 of the Supplemental Environmental Impact Statement was required for all Regional Flood Control District-funded projects to ensure compliance with the environmental statement.

Mr. Jordano inquired as to the type of concrete box used in the project. Mr. Griest responded the box would be pre-cast or cast-in-place, or a combination of these two types of concrete.

Staff recommends approval of Item #13b.

Mr. Newell moved to follow staff recommendation for Item#13b.

6 AYES – 0 NAYS

Motion Carried

14. Comments By the General Public

Ms. Ramirez set forth on the record that there was no response to the call for Comments by the General Public submitted via email to publiccomment@regionalflood.org.

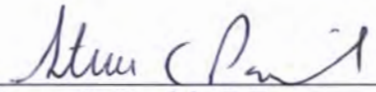
Mr. Parrish informed the Clark County Regional Flood Control District Citizens Advisory Committee (CAC) that the Governor's most recent pandemic directive would end the relaxed requirements related to Nevada Open Meeting Law as of June 1, 2021. He stated that Nevada Open Meeting Law requires that public bodies provide a physical meeting space for public meetings. Therefore, the District would

resume the provision of a physical meeting location in addition to utilizing the virtual meeting platform. Mr. Parrish added that CAC members would have the option to attend in person or virtually. He concluded his statement by sharing that the District would keep the members apprised of any changes.

ADJOURNMENT

The meeting adjourned at 3:40 p.m.

Respectfully submitted,



Steven C. Parrish, P.E.
General Manager/Chief Engineer

Ronald Newell,
Chair

Attest _____, 2021

Deanna Hughes
Board Secretary

/jr

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:
FINANCIAL REPORTS – APRIL 2021
PETITIONER:
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
RECOMMENDATION OF PETITIONER:
ACCEPT THE REPORTS (FOR POSSIBLE ACTION)

FISCAL IMPACT: None

BACKGROUND: The financial reports for April 2021, are submitted for your review:

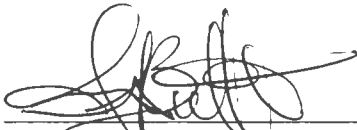
<u>Section</u>	<u>Description</u>	<u>Page(s)</u>
A - Fund 2860	Fund Balance Report	1
	Appropriation Balance Report – FY 2020-21	2
	Sales Tax Revenue Reports – FY 2020-21	3
	Monthly Expenditure Summary Report	5
B - Fund 2870	Fund Balance Report	6
	Maintenance Work Program Monthly Expenditures.....	7-10
	Maintenance Work Program Status Report – FY 2021	11-12
C - Fund 3300	Fund Balance Report	13
D - Fund 4430	Fund Balance Report	14
	Monthly Expenditure Report	15-16

TAC AGENDA ITEM #04 DATE: 05/27/2021	RFCD AGENDA ITEM # DATE: 06/10/2021
CAC AGENDA ITEM #04 DATE: 05/27/2021	

E - Summary

Pay-As-You-Go Funded – Current Project Expense Summary	17-41
Bond Funded – Current Project Expense Summary	42-46
Capital Improvement Program – Open Projects Summary	47
Pay-As-You-Go Funding – Cumulative Reporting	48-60
Bond Funding – Cumulative Reporting.....	61-65
FY 2020-21 Projects Funded Summary	66-68
Estimated Funding Schedule	69

Respectfully submitted,



FOR Jeanne Pitts-Dilworth
Administrative Services Director

TAC AGENDA ITEM #04 DATE: 05/27/2021	RFCD AGENDA ITEM # DATE: 06/10/2021
CAC AGENDA ITEM #04 DATE: 05/27/2021	

REGIONAL FLOOD CONTROL DISTRICT
 FUND 2860 - OPERATING FUND
 FUND BALANCE REPORT
 APRIL 2021

BEGINNING CASH BALANCE:		\$ 17,510,217.88	
Accruals/Adjustments		<u>-</u>	
	TOTAL BEGINNING BALANCE		\$ 17,510,217.88
REVENUES:			
Sales Tax Revenue (January 2021)		8,394,033.87	
Interest Earnings		17,889.43	
Fund 4430 - Transfer In Interest Earnings		74,023.82	
Build America Bonds Rebate		-	
Sale of Materials		-	
Miscellaneous Other Revenue		-	
Petty Cash Reimbursements		-	
Miscellaneous Accruals/Adjustments		<u>25,357.55</u>	
	TOTAL REVENUES		\$ 8,511,304.67
EXPENDITURES:			
Salaries & Benefits		(399,724.41)	
Services & Supplies		(19,465.95)	
Professional Services		(1,130,749.66)	
Capital Expenditures		(21,655.22)	
Fund 2870 - Transfer Out Maintenance Work Program		(700,000.00)	
Fund 3300 - Transfer Out Debt Service		(3,991,140.54)	
Fund 4430 - Transfer Out Budgeted Transfers		(4,300,000.00)	
Accruals/Adjustments			
Accounts Payable			
Miscellaneous Accruals/Adjustments		<u>211.83</u>	
	TOTAL EXPENSES		\$ <u>(10,562,523.95)</u>
ENDING CASH BALANCE:			\$ <u><u>15,458,998.60</u></u>

REGIONAL FLOOD CONTROL DISTRICT
 FUND 2860 - OPERATING FUND
 APPROPRIATION BALANCE REPORT
 FISCAL YEAR 2020-21

REVENUES/FINANCING SOURCES

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	UNREALIZED	% UNREALIZED
Revenues	\$ 104,581,000.00	\$ 69,928,533.32	N/A	\$ 34,652,466.68	33%
Other Sources	1,406,250.00	810,136.41	N/A	596,113.59	42%
TOTAL	\$ 105,987,250.00	\$ 70,738,669.73	N/A	\$ 35,248,580.27	33%

EXPENDITURES/TRANSFERS

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	AVAILABLE	% AVAILABLE
Expenditures	\$ 9,787,885.00	\$ 5,506,574.05	\$ 1,698,475.01	\$ 2,582,835.94	26%
Transfers Out					
Debt Service	52,368,684.00	42,711,442.23	-	9,657,241.77	18%
MWP	10,000,000.00	5,600,000.00	-	4,400,000.00	44%
CIP (1)	33,000,000.00	22,400,000.00	-	10,600,000.00	32%
TOTAL	\$ 105,156,569.00	\$ 76,218,016.28	\$ 1,698,475.01	\$ 27,240,077.71	26%

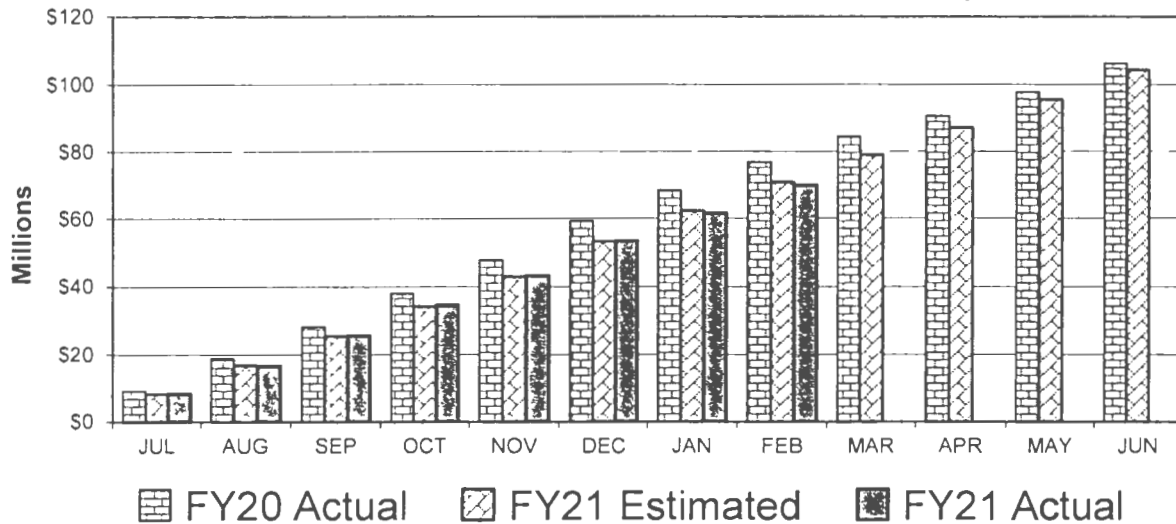
Notes:

(1) Includes Local Drainage program.

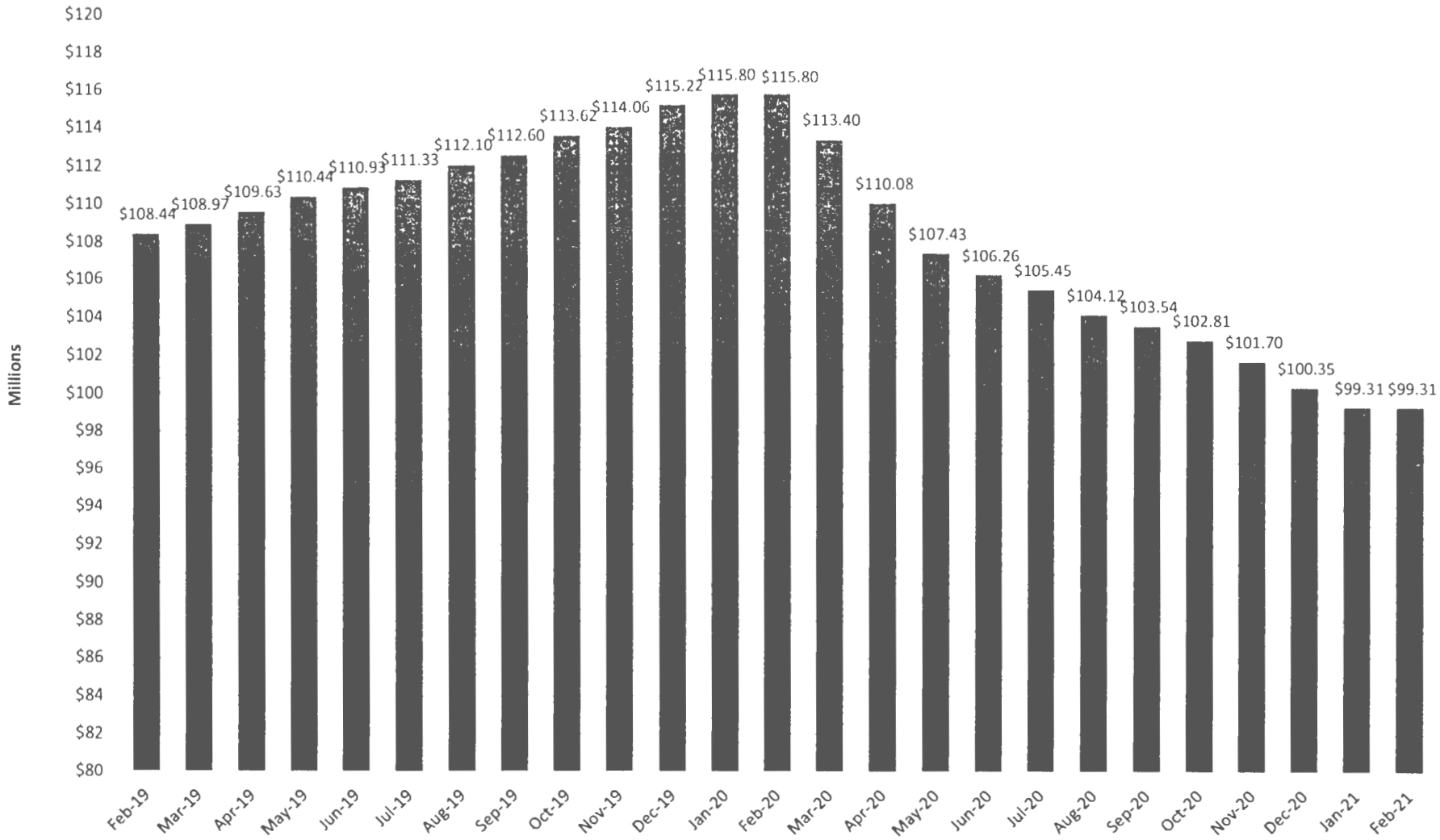
SALES TAX REVENUE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 FISCAL YEAR 2020-21
 MODIFIED ACCRUAL BASIS

MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE (as approved April 9, 2020)	ACTUAL SALES TAX REVENUES	DIFFERENCE OVER/(UNDER) ESTIMATE	PERCENT +/- FROM ESTIMATE
JULY	\$ 8,295,317.63	\$ 8,415,514.60	\$ 120,196.97	1.45%
AUGUST	8,610,504.53	8,233,177.25	(377,327.28)	-4.38%
SEPTEMBER	8,542,813.84	8,911,926.98	369,113.14	4.32%
OCTOBER	8,687,995.65	8,920,777.72	232,782.07	2.68%
NOVEMBER	8,792,459.96	8,666,090.85	(126,369.11)	-1.44%
DECEMBER	10,374,173.78	10,168,374.24	(205,799.54)	-1.98%
JANUARY	8,991,658.22	8,187,848.79	(803,809.43)	-8.94%
FEBRUARY	8,534,129.44	8,394,033.87	(140,095.57)	-1.64%
MARCH	8,058,992.42	-		
APRIL	8,222,297.66	-		
MAY	8,444,030.21	-		
JUNE	8,796,626.66	-		
TOTAL:	\$ 104,351,000.00	\$ 69,897,744.30	\$ (931,308.75)	-1.31%

Estimated vs Actual Cumulative Sales Tax Receipts



Rolling 12-Month Total Sales Tax Revenue February 2019 - February 2021



Schedule of Monthly Expenditures - Summary
Fund 2860 - Operating Fund
4/1/2021 to 4/30/2021

<u>Fiscal Year</u>	<u>Account #</u>	<u>Account Name</u>	<u>Amount</u>
2021	61*/62*	Salaries and Benefits	399,724.41
	630000	Other Professional Services	1,126,712.06
	635000	Pro Svcs-Legal	4,037.60
	640310	R & M-Facilities	8,423.73
	640320	R & M-Equipment	1,926.60
	640340	R & M-Vehicles	2,097.51
	641000	Other Rental Expense	1,669.52
	644610	Information System Services	530.73
	645000	Other Insurance	206.77
	646100	Telephone-Local	619.26
	646110	Telephone-Long Distance	39.09
	646120	Cell Phones/Beepers	352.86
	648100	Printing/Reproduction	380.81
	663000	Operating Supplies	767.39
	663400	Office Supplies	345.42
	663500	Wearing Apparel	38.28
	670100	Electricity	1,552.63
	670400	Sewer	12.80
	679200	Licenses & Taxes	145.55
	679300	Dues	357.00
	680400	Capital Outlay-Equipment-Mod Accrual	21,655.22
		Fiscal Year Total	\$1,571,595.24
		Grand Total	\$1,571,595.24

REGIONAL FLOOD CONTROL DISTRICT
 FUND 2870 - FACILITIES MAINTENANCE FUND
 FUND BALANCE REPORT
 APRIL 2021

BEGINNING CASH BALANCE:	\$ 5,183,619.33	
Accruals/Adjustments	<u>-</u>	
TOTAL BEGINNING CASH BALANCE:		\$ 5,183,619.33
REVENUES:		
Interest Income	6,962.30	
Fund 2860 - Transfer In Maintenance Work Program	700,000.00	
Miscellaneous Other Revenue/Adjustments	<u>-</u>	
TOTAL MONTHLY REVENUES		\$ 706,962.30
EXPENDITURES:		
Services & Supplies	(651,016.38)	
Maintenance Work Program Expenditures	-	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	-	
Contract Retention Payable	(17,795.38)	
Contract Retention Interest Payable	-	
Accounts Payable	<u>-</u>	
TOTAL MONTHLY EXPENSES		\$ <u>(668,811.76)</u>
ENDING CASH BALANCE:		\$ <u><u>5,221,769.87</u></u>

**Regional Flood Control District
 Monthly Expenditures
 Maintenance Work Program
 4/1/2021 to 4/30/2021**

Fiscal Year - 2021

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
AMERICAN REPROGRAPHICS COMPANY LLC	RF.HN65	10887071	03/25/2021	none	04/26/2021	\$55.23
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I69517022A	04/07/2021	none	04/21/2021	(\$234.50)
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	181177014	09/09/2020	4500323471	04/21/2021	\$369.41
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	18424101	11/03/2020	4500323471	04/15/2021	\$6,341.30
CG&B ENTERPRISES INC	#Error	INT46500015 91321	04/05/2021	none	04/06/2021	\$0.71
CITY OF BOULDER CITY	RF.BC01	6308	04/13/2021	4500324498	04/15/2021	\$1,020.00
CITY OF BOULDER CITY	RF.BC01	6308	04/13/2021	4500324498	04/15/2021	\$4,279.17
CITY OF BOULDER CITY	RF.BC01	6308	04/13/2021	4500324498	04/15/2021	\$12,738.46
CITY OF BOULDER CITY	RF.BC04	6308	04/13/2021	4500324498	04/15/2021	\$4.23
CITY OF HENDERSON	RF.HN65	MSC- 5035128	04/20/2021	4500323703	04/28/2021	\$7,020.32
CITY OF HENDERSON	RF.HN65	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$182.93
CITY OF HENDERSON	RF.HN65	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$1,016.64
CITY OF HENDERSON	RF.HN65	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$966.69
CITY OF HENDERSON	RF.HN65	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$235.12
CITY OF HENDERSON	RF.HN65	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$275.06
CITY OF HENDERSON	RF.HN66	MSC- 5035128	04/20/2021	4500323703	04/28/2021	\$1,597.83
CITY OF HENDERSON	RF.HN66	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$312.61
CITY OF HENDERSON	RF.HN66	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$889.32
CITY OF HENDERSON	RF.HN66	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$235.12
CITY OF HENDERSON	RF.HN67	MSC- 5035128	04/20/2021	4500323703	04/28/2021	\$1,507.15
CITY OF HENDERSON	RF.HN67	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$91.69
CITY OF HENDERSON	RF.HN67	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$360.92
CITY OF HENDERSON	RF.HN67	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$1,901.31
CITY OF HENDERSON	RF.HN68	MSC- 5035128	04/20/2021	4500323703	04/28/2021	\$345.60
CITY OF HENDERSON	RF.HN68	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$1,865.16
CITY OF HENDERSON	RF.HN68	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$91.47
CITY OF HENDERSON	RF.HN68	MSC- 5035152	04/20/2021	4500323703	04/28/2021	\$139.70

**Regional Flood Control District
Monthly Expenditures
Maintenance Work Program
4/1/2021 to 4/30/2021**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF HENDERSON	RF.HN68	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$281.03
CITY OF HENDERSON	RF.HN68	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$1,043.51
CITY OF HENDERSON	RF.HN68	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$175.18
CITY OF HENDERSON	RF.HN69	MSC- 04/20/2021 5035128	04/20/2021	4500323703	04/28/2021	\$941.85
CITY OF HENDERSON	RF.HN69	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$119.90
CITY OF HENDERSON	RF.HN69	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$270.81
CITY OF HENDERSON	RF.HN69	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$1,220.38
CITY OF HENDERSON	RF.HN70	MSC- 04/20/2021 5035128	04/20/2021	4500323703	04/28/2021	\$595.09
CITY OF HENDERSON	RF.HN70	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$285.88
CITY OF HENDERSON	RF.HN70	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$1,627.48
CITY OF HENDERSON	RF.HN71	MSC- 04/20/2021 5035128	04/20/2021	4500323703	04/28/2021	\$262.43
CITY OF HENDERSON	RF.HN71	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$139.76
CITY OF HENDERSON	RF.HN72	MSC- 04/20/2021 5035128	04/20/2021	4500323703	04/28/2021	\$532.99
CITY OF HENDERSON	RF.HN72	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$7,343.86
CITY OF HENDERSON	RF.HN72	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$1,638.77
CITY OF HENDERSON	RF.HN72	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$799.36
CITY OF HENDERSON	RF.HN73	MSC- 04/20/2021 5035128	04/20/2021	4500323703	04/28/2021	\$927.73
CITY OF HENDERSON	RF.HN73	MSC- 04/20/2021 5035152	04/20/2021	4500323703	04/28/2021	\$557.00
CITY OF LAS VEGAS	RF.LV52	350157 11/16/2020	11/16/2020	4500323472	04/27/2021	\$8,620.50
CITY OF LAS VEGAS	RF.LV53	350157 11/16/2020	11/16/2020	4500323472	04/27/2021	\$15,484.00
CITY OF LAS VEGAS	RF.LV53	350157 11/16/2020	11/16/2020	4500323472	04/27/2021	\$3,904.00
CITY OF LAS VEGAS	RF.LV54	350157 11/16/2020	11/16/2020	4500323472	04/27/2021	\$3,163.17
CITY OF LAS VEGAS	RF.LV57	350157 11/16/2020	11/16/2020	4500323472	04/27/2021	\$1,204.72
CITY OF NORTH LAS VEGAS	RF.NL02	353429 03/31/2021	03/31/2021	4500323706	04/06/2021	\$859.01
CITY OF NORTH LAS VEGAS	RF.NL02	353429 03/31/2021	03/31/2021	4500323706	04/06/2021	\$6,154.84
CITY OF NORTH LAS VEGAS	RF.NL02	353449 04/22/2021	04/22/2021	4500323706	04/27/2021	\$9,721.58
CITY OF NORTH LAS VEGAS	RF.NL02	353449 04/22/2021	04/22/2021	4500323706	04/27/2021	\$13,353.00
CITY OF NORTH LAS VEGAS	RF.NL03	353429 03/31/2021	03/31/2021	4500323706	04/06/2021	\$10,666.08
CITY OF NORTH LAS VEGAS	RF.NL03	353449 04/22/2021	04/22/2021	4500323706	04/27/2021	\$842.45
CITY OF NORTH LAS VEGAS	RF.NL04	353429 03/31/2021	03/31/2021	4500323706	04/06/2021	\$88.74

**Regional Flood Control District
 Monthly Expenditures
 Maintenance Work Program
 4/1/2021 to 4/30/2021**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF NORTH LAS VEGAS	RF.NL04	353429	03/31/2021	4500323706	04/06/2021	\$7,167.00
CITY OF NORTH LAS VEGAS	RF.NL04	353429	03/31/2021	4500323706	04/06/2021	\$501.72
CITY OF NORTH LAS VEGAS	RF.NL04	353449	04/22/2021	4500323706	04/27/2021	\$94.80
CITY OF NORTH LAS VEGAS	RF.NL05	353449	04/22/2021	4500323706	04/27/2021	\$323.44
CITY OF NORTH LAS VEGAS	RF.NL06	353429	03/31/2021	4500323706	04/06/2021	\$323.44
CITY OF NORTH LAS VEGAS	RF.NL06	353449	04/22/2021	4500323706	04/27/2021	\$977.16
CITY OF NORTH LAS VEGAS	RF.NL07	353429	03/31/2021	4500323706	04/06/2021	\$1,138.97
CITY OF NORTH LAS VEGAS	RF.NL07	353429	03/31/2021	4500323706	04/06/2021	\$49,938.65
CITY OF NORTH LAS VEGAS	RF.NL07	353449	04/22/2021	4500323706	04/27/2021	\$4,900.00
CITY OF NORTH LAS VEGAS	RF.NL07	353449	04/22/2021	4500323706	04/27/2021	\$275.40
CITY OF NORTH LAS VEGAS	RF.NL08	353429	03/31/2021	4500323706	04/06/2021	\$7,879.25
CITY OF NORTH LAS VEGAS	RF.NL08	353449	04/22/2021	4500323706	04/27/2021	\$561.16
CITY OF NORTH LAS VEGAS	RF.NL10	353429	03/31/2021	4500323706	04/06/2021	\$5,635.69
CITY OF NORTH LAS VEGAS	RF.NL10	353449	04/22/2021	4500323706	04/27/2021	\$1,470.18
CITY OF NORTH LAS VEGAS	RF.NL11	353429	03/31/2021	4500323706	04/06/2021	\$561.16
CITY OF NORTH LAS VEGAS	RF.NL11	353449	04/22/2021	4500323706	04/27/2021	\$938.56
CITY OF NORTH LAS VEGAS	RF.NL11	353449	04/22/2021	4500323706	04/27/2021	\$323.44
CITY OF NORTH LAS VEGAS	RF.NL11	353449	04/22/2021	4500323706	04/27/2021	\$5,462.00
CITY OF NORTH LAS VEGAS	RF.NL12	353429	03/31/2021	4500323706	04/06/2021	\$485.72
CITY OF NORTH LAS VEGAS	RF.NL12	353449	04/22/2021	4500323706	04/27/2021	\$8,500.00
CITY OF NORTH LAS VEGAS	RF.NL13	353429	03/31/2021	4500323706	04/06/2021	\$20,622.21
CITY OF NORTH LAS VEGAS	RF.NL13	353429	03/31/2021	4500323706	04/06/2021	\$34,245.98
CITY OF NORTH LAS VEGAS	RF.NL13	353449	04/22/2021	4500323706	04/27/2021	\$6,347.12
CITY OF NORTH LAS VEGAS	RF.NL13	353449	04/22/2021	4500323706	04/27/2021	\$518.77
CITY OF NORTH LAS VEGAS	RF.NL14	353449	04/22/2021	4500323706	04/27/2021	\$144.43
CITY OF NORTH LAS VEGAS	RF.NL14	353449	04/22/2021	4500323706	04/27/2021	\$4,678.05
CITY OF NORTH LAS VEGAS	RF.NL15	353449	04/22/2021	4500323706	04/27/2021	\$10,165.99
CITY OF NORTH LAS VEGAS	RF.NL16	353429	03/31/2021	4500323706	04/06/2021	\$1,163.74
CITY OF NORTH LAS VEGAS	RF.NL16	353449	04/22/2021	4500323706	04/27/2021	\$1,693.20
CITY OF NORTH LAS VEGAS	RF.NL18	353429	03/31/2021	4500323706	04/06/2021	\$16,113.13
CITY OF NORTH LAS VEGAS	RF.NL18	353429	03/31/2021	4500323706	04/06/2021	\$27,460.79
CITY OF NORTH LAS VEGAS	RF.NL18	353449	04/22/2021	4500323706	04/27/2021	\$542.54
CITY OF NORTH LAS VEGAS	RF.NL19	353429	03/31/2021	4500323706	04/06/2021	\$60,539.02
CITY OF NORTH LAS VEGAS	RF.NL19	353429	03/31/2021	4500323706	04/06/2021	\$399.44
CITY OF NORTH LAS VEGAS	RF.NL19	353449	04/22/2021	4500323706	04/27/2021	\$101,016.09
CITY OF NORTH LAS VEGAS	RF.NL19	353449	04/22/2021	4500323706	04/27/2021	\$323.44
LOGISTICAL SOLUTIONS LLC	RF.HN67	13595	10/19/2020	4500325575	04/15/2021	\$2,827.12

**Regional Flood Control District
 Monthly Expenditures
 Maintenance Work Program
 4/1/2021 to 4/30/2021**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
LOGISTICAL SOLUTIONS LLC	RF.HN67	13975	03/11/2021	4500325575	04/12/2021	\$2,590.00
LOGISTICAL SOLUTIONS LLC	RF.HN67	13976	03/11/2021	4500325575	04/12/2021	\$2,590.00
LOGISTICAL SOLUTIONS LLC	RF.HN73	13952	03/05/2021	4500325575	04/05/2021	\$1,325.63
PUBLIC WORKS/CC TREAS	RF.CC01	4021000110	04/30/2021	none	04/30/2021	\$9,332.00
PUBLIC WORKS/CC TREAS	RF.CC01	4021000116	04/30/2021	none	04/30/2021	\$24,300.00
PUBLIC WORKS/CC TREAS	RF.CC02	4021000111	04/30/2021	none	04/30/2021	\$1,043.00
PUBLIC WORKS/CC TREAS	RF.CC02	4021000117	04/30/2021	none	04/30/2021	\$4,500.00
PUBLIC WORKS/CC TREAS	RF.CC03	4021000112	04/30/2021	none	04/30/2021	\$7,880.00
PUBLIC WORKS/CC TREAS	RF.CC03	4021000118	04/30/2021	none	04/30/2021	\$10,800.00
PUBLIC WORKS/CC TREAS	RF.CC05	4021000113	04/30/2021	none	04/30/2021	\$6,316.00
PUBLIC WORKS/CC TREAS	RF.CC05	4021000119	04/30/2021	none	04/30/2021	\$1,125.00
PUBLIC WORKS/CC TREAS	RF.CC06	4021000114	04/30/2021	none	04/30/2021	\$5,970.00
PUBLIC WORKS/CC TREAS	RF.CC06	4021000120	04/30/2021	none	04/30/2021	\$3,375.00
PUBLIC WORKS/CC TREAS	RF.CC09	4021000115	04/30/2021	none	04/30/2021	\$2,556.00
PUBLIC WORKS/CC TREAS	RF.CC09	4021000121	04/30/2021	none	04/30/2021	\$7,875.00
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN66	1210300993	03/18/2021	4500323476	04/19/2021	\$32,405.00
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN69	1210300993	03/18/2021	4500323476	04/19/2021	\$1,130.40
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN72	1210300993	03/18/2021	4500323476	04/19/2021	\$3,210.80
Total Expenditures						\$651,016.38
Grand Total						\$651,016.38

**Regional Flood Control District
Maintenance Work Program Status Report - Fiscal Year 2021**

Boulder City

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.BC01	Hemenway Watershed	\$185,000.00	\$64,003.17	\$120,996.83
RF.BC02	Georgia/Buchanan Watershed	\$96,000.00	\$23,159.65	\$72,840.35
RF.BC03	North Railroad Watershed	\$105,000.00	\$61,360.90	\$43,639.10
RF.BC04	West Airport Watershed	\$65,000.00	\$8,732.46	\$56,267.54
		\$451,000.00	\$157,256.18	\$293,743.82

Clark County

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.CC01	Flamingo Wash	\$1,084,500.00	\$942,035.52	\$142,464.48
RF.CC02	Las Vegas Wash	\$305,500.00	\$278,859.02	\$26,640.98
RF.CC03	Duck Creek	\$320,500.00	\$210,379.50	\$110,120.50
RF.CC05	Las Vegas Range Wash	\$321,000.00	\$93,536.69	\$227,463.31
RF.CC06	Tropicana Wash	\$304,500.00	\$191,437.26	\$113,062.74
RF.CC07	Airport Channel	\$105,000.00	\$80,530.55	\$24,469.45
RF.CC08	Monson Channel	\$51,500.00	\$17,609.37	\$33,890.63
RF.CC09	Rawhide Channel	\$78,500.00	\$58,356.39	\$20,143.61
RF.CC10	Van Buskirk Channel	\$153,200.00	\$134,129.35	\$19,070.65
RF.CC11	Flamingo Wash North Fork	\$43,800.00	\$19,712.64	\$24,087.36
RF.CC14	Laughlin Washes	\$38,900.00	\$6,831.63	\$32,068.37
RF.CC15	Moapa Valley	\$42,000.00	\$23,969.10	\$18,030.90
RF.CC16	Blue Diamond Wash	\$145,000.00	\$111,821.94	\$33,178.06
RF.CC17	Searchlight	\$3,500.00	\$422.08	\$3,077.92
RF.CC18	Bunkerville	\$21,000.00	\$1,864.75	\$19,135.25
RF.CC19	Pittman Wash	\$40,000.00	\$17,091.14	\$22,908.86
RF.CC20	Indian Springs/Gdsprings	\$47,100.00	\$1,111.52	\$45,988.48
RF.CC21	Northern Beltway Channels	\$21,000.00	\$6,111.66	\$14,888.34
		\$3,126,500.00	\$2,195,810.11	\$930,689.89

Henderson

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN65	C1 North	\$1,623,149.99	\$1,241,563.89	\$381,586.10
RF.HN66	C1 South	\$912,621.21	\$110,505.94	\$802,115.27
RF.HN67	Pittman Central NE	\$31,203.02	\$33,433.78	(\$2,230.76)
RF.HN68	Pittman Central SE	\$120,926.40	\$127,107.60	(\$6,181.20)
RF.HN69	Pittman Central NW	\$750,909.62	\$747,768.45	\$3,141.17
RF.HN70	Pittman Central SW	\$26,760.82	\$32,701.10	(\$5,940.28)
RF.HN71	Pittman Anthem Inspirada	\$77,740.46	\$20,472.22	\$57,268.24
RF.HN72	Pittman Seven Hills	\$93,794.46	\$96,754.36	(\$2,959.90)
RF.HN73	Pittman West Henderson	\$14,725.02	\$14,302.22	\$422.80
		\$3,651,831.00	\$2,424,609.56	\$1,227,221.44

Las Vegas

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV51	Cedar Ave Channel/Nellis System	\$20,000.00	\$1,879.09	\$18,120.91
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$770,000.00	\$135,244.70	\$634,755.30
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	\$133,000.00	\$115,808.82	\$17,191.18

Regional Flood Control District

Maintenance Work Program Status Report - Fiscal Year 2021

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV54	Las Vegas Wash System	\$1,665,000.00	\$1,234,890.08	\$430,109.92
RF.LV55	Meadows/Oakey System	\$58,000.00	\$35,817.71	\$22,182.29
RF.LV56	Washington Ave/LV Creek	\$74,000.00	\$29,403.87	\$44,596.13
RF.LV57	US95/Outer Beltway/Ann Road System	\$480,000.00	\$459,783.82	\$20,216.18
		\$3,200,000.00	\$2,012,828.09	\$1,187,171.91

Mesquite

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.ME01	Mesquite Town Wash	\$19,000.00	\$5,855.45	\$13,144.55
RF.ME02	Abbott Wash Channel	\$14,300.00	\$6,149.97	\$8,150.03
RF.ME04	Town Wash Detention Basin	\$337,400.00	\$3,092.91	\$334,307.09
RF.ME07	Pulsipher Wash	\$29,400.00	\$14,046.22	\$15,353.78
RF.ME08	Abbott Wash Detention Basin	\$60,000.00	\$2,333.61	\$57,666.39
RF.ME09	Pulsipher Wash Detention Basin	\$29,700.00	\$2,780.06	\$26,919.94
		\$489,800.00	\$34,258.22	\$455,541.78

North Las Vegas

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.NL01	LV Wash "N" Channel	\$19,032.09	\$5,032.61	\$13,999.48
RF.NL02	Las Vegas Wash-Middle	\$421,160.61	\$415,739.76	\$5,420.85
RF.NL03	LV Wash-King Charles Channel	\$23,645.09	\$14,569.82	\$9,075.27
RF.NL04	Vandenberg Detention Basin	\$113,323.42	\$16,761.80	\$96,561.62
RF.NL05	North Las Vegas Detention Basin	\$80,153.30	\$37,162.36	\$42,990.94
RF.NL06	Upper LVW DB & Moccasin Levee	\$29,407.47	\$26,202.58	\$3,204.89
RF.NL07	Carey/Lake Mead Detention Basin	\$406,050.02	\$381,919.30	\$24,130.72
RF.NL08	Gowan Outfall Channel	\$35,394.66	\$17,662.79	\$17,731.87
RF.NL10	Upper Las Vegas Wash	\$39,336.00	\$37,908.16	\$1,427.84
RF.NL11	Clayton Street Channel	\$31,834.16	\$18,410.22	\$13,423.94
RF.NL12	Lower Las Vegas Detention Basin	\$112,878.23	\$79,839.31	\$33,038.92
RF.NL13	West Trib-Ranch House to Lower LV DB	\$136,396.38	\$130,082.51	\$6,313.87
RF.NL14	Trib to Western Trib @ Craig Rd	\$39,779.38	\$17,979.26	\$21,800.12
RF.NL15	Las Vegas Wash-Smoke Ranch	\$41,993.68	\$15,983.42	\$26,010.26
RF.NL16	Upper Las Vegas Wash Channel	\$43,900.28	\$25,943.56	\$17,956.72
RF.NL17	Range Wash-LVW Diversion & Levee	\$90,025.07	\$49,862.43	\$40,162.64
RF.NL18	Cheyenne Peaking Basin	\$141,234.66	\$114,788.41	\$26,446.25
RF.NL19	LVW-Middle, Cheyenne Ave to Owens Ave	\$525,455.50	\$501,166.39	\$24,289.11
		\$2,331,000.00	\$1,907,014.69	\$423,985.31
	Program Total	\$13,250,131.00	\$8,731,776.85	\$4,518,354.15

REGIONAL FLOOD CONTROL DISTRICT
 FUND 3300 - BOND DEBT SERVICE FUND
 FUND BALANCE REPORT
 APRIL 2021

BEGINNING CASH BALANCE	\$ 25,439,335.38	
Accruals/Adjustments	<u>-</u>	
TOTAL BEGINNING CASH BALANCE		\$ 25,439,335.38
REVENUES:		
Interest Income	41,822.05	
Fund 2860 - Transfer In Debt Service	3,991,140.54	
Bonds Issued	-	
Premium on Bonds Issued	-	
Miscellaneous Other Revenue	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	<u>-</u>	
TOTAL MONTHLY REVENUES		\$ 4,032,962.59
EXPENDITURES:		
Professional Services	-	
Debt Service Payments*	-	
Payments to Escrow Agent	-	
Transfers Out to Other Funds	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	<u>-</u>	
TOTAL MONTHLY EXPENSES		\$ <u>-</u>
ENDING CASH BALANCE:		<u><u>\$ 29,472,297.97</u></u>

*Principal payments paid annually (November), Interest payments paid semi-annually (May and November)

**REGIONAL FLOOD CONTROL DISTRICT
 FUND 4430 - CONSTRUCTION FUND
 FUND BALANCE REPORT
 APRIL 2021**

BEGINNING CASH BALANCE:

Cash in Custody of Treasurer	\$ 128,123,354.97	
Custodial Account Cash Balance	170,385,315.72	
Accruals/Adjustments	<u>(78,185.66)</u>	
TOTAL BEGINNING CASH BALANCE		\$ 298,430,485.03

REVENUES:

Fund 2860 - Transfer In Budgeted Transfer	4,300,000.00	
Fund 3300 - Transfer In Bond Proceeds	-	
Fund 4440 - Transfer In Budgeted Transfer	-	
Custodial Account - Transfer In to Treasurer	4,500,000.00	
Interest Earnings	180,141.15	
Custodial Account Interest Earnings	-	
Proceeds from Bonds and Loans	-	
Miscellaneous Other Revenue	17,581.68	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	<u>1,198.79</u>	
TOTAL MONTHLY REVENUES		\$ 8,998,921.62

EXPENDITURES:

Capital Improvement Program	(9,298,145.65)	
Professional Services	-	
Project Reimbursements	-	
Fund 2860 - Transfer Out Interest Earnings	(74,023.82)	
Fund 2860 - Transfer Out ILA Closeout/Reductions	-	
Custodial Account - Transfer Out to Treasurer/ Adjustments	(4,500,000.00)	
Accruals/Adjustments		
Contracts Retention Payable	-	
Contracts Retention Interest Payable	-	
Accounts Payable	-	
Miscellaneous Accruals/Adjustments	<u>(8,656.56)</u>	
TOTAL MONTHLY EXPENDITURES		\$ (13,880,826.03)

ENDING CASH BALANCE:

Cash in Custody of Treasurer	127,663,264.90
Custodial Account Cash Balance	<u>165,885,315.72</u>

ENDING CASH BALANCE: \$ 293,548,580.62

**Regional Flood Control District
Monthly Expenditures
Capital Improvement Program
4/1/2021 to 4/30/2021**

Fund 4430

Fiscal Year 2021

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
ATKINS NORTH AMERICA INC	RF.HEN12K19	1946937	03/31/2021	4800009926 00020	04/08/2021	\$2,967.98
CITY OF HENDERSON	RF.HEN07F18	MSC-5035126	04/20/2021	4800008975 00010	04/27/2021	\$2,941.21
CITY OF HENDERSON	RF.HEN12K19	MSC-5035124	04/20/2021	4800009617 00010	04/27/2021	\$1,284.88
CITY OF HENDERSON	RF.HEN16A01	MSC-5035125	04/20/2021	4800001182 00010	04/28/2021	\$743.50
CITY OF HENDERSON	RF.HEN25B19	MSC-5035127	04/20/2021	4800009491 00010	04/27/2021	\$48.86
CITY OF LAS VEGAS	RF.LAS05L20	350177	04/12/2021	4800009970 00010	04/21/2021	\$86,174.42
CITY OF LAS VEGAS	RF.LAS05L20	350177	04/12/2021	4800009970 00040	04/21/2021	\$4,050.85
CITY OF LAS VEGAS	RF.LAS19E20	350377	04/12/2021	4800009971 00040	04/21/2021	\$389.50
CITY OF LAS VEGAS	RF.LAS22U19	350197	04/12/2021	4800009466 00010	04/21/2021	\$27,555.05
CITY OF LAS VEGAS	RF.LAS24L17	350297	04/12/2021	4800008446 00010	04/21/2021	\$19,436.81
CITY OF LAS VEGAS	RF.LAS24L17	350297	04/12/2021	4800008446 00040	04/21/2021	\$3,858.55
CITY OF LAS VEGAS	RF.LAS25C20	350397	04/12/2021	4800010086 00040	04/21/2021	\$756.05
CITY OF LAS VEGAS	RF.LAS29C16	350237	04/12/2021	4500255470 00010	04/21/2021	\$14,135.00
CITY OF LAS VEGAS	RF.LAS29D17	350217	04/12/2021	4800008455 00040	04/21/2021	\$104.45
CITY OF LAS VEGAS	RF.LAS29E18	350277	04/12/2021	4800009097 00010	04/21/2021	\$2,161.97
CITY OF LAS VEGAS	RF.LAS29F20	350257	04/12/2021	4800009931 00020	04/21/2021	\$113.36
CITY OF LAS VEGAS	RF.LAS29F20	350257	04/12/2021	4800009931 00030	04/21/2021	\$7,109.99
CITY OF LAS VEGAS	RF.LAS30A13	350317	04/12/2021	4800005744 00020	04/21/2021	\$15,000.00
CITY OF LAS VEGAS	RF.LAS31A17	350337	04/12/2021	4800008684 00020	04/21/2021	\$1,848.93
CITY OF LAS VEGAS	RF.LAS31B18	350357	04/12/2021	4800009126 00010	04/28/2021	\$53,876.22
CITY OF LAS VEGAS	RF.LAS31B18	350357	04/12/2021	4800009126 00020	04/28/2021	\$4,578,425.90
CITY OF NORTH LAS VEGAS	RF.NLV03E13	10952	04/12/2021	4800006067 00010	04/21/2021	\$12,936.45
CITY OF NORTH LAS VEGAS	RF.NLV03G17	10954	04/12/2021	4800008160 00010	04/21/2021	\$3,451.39
CITY OF NORTH LAS VEGAS	RF.NLV04K17	10956	04/12/2021	4800008195 00010	04/21/2021	\$7,697.14
CITY OF NORTH LAS VEGAS	RF.NLV09I13	10950	04/12/2021	4800006141 00010	04/21/2021	\$2,490.00
CITY OF NORTH LAS VEGAS	RF.NLV09I13	10950	04/12/2021	4800006141 00040	04/21/2021	\$268.92
CITY OF NORTH LAS VEGAS	RF.NLV19A19	10957	04/12/2021	4500311504 00020	04/21/2021	\$298.37
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10724	01/12/2021	4800009412 00020	04/21/2021	\$95,131.50
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10724	01/12/2021	4800009412 00030	04/21/2021	\$10,841.71
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10786	02/11/2021	4800009412 00030	04/21/2021	\$9,850.95
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10786	02/11/2021	4800009412 00010	04/21/2021	\$397,878.00
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10786	02/11/2021	4800009412 00020	04/21/2021	\$61,349.00
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10953	04/12/2021	4800009412 00010	04/21/2021	\$74,919.33
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10953	04/12/2021	4800009412 00020	04/21/2021	\$37,321.00

**Regional Flood Control District
Monthly Expenditures
Capital Improvement Program
4/1/2021 to 4/30/2021**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10953	04/12/2021	4800009412 00030	04/21/2021	\$7,250.90
CITY OF NORTH LAS VEGAS	RF.NLV03K19	10955	04/12/2021	4800009490 00020	04/21/2021	\$5,165.54
CITY OF NORTH LAS VEGAS	RF.NLV09J19	10455	04/12/2021	4800009411 00010	04/22/2021	\$273,000.00
CITY OF NORTH LAS VEGAS	RF.NLV09J19	10455	04/12/2021	4800009411 00020	04/22/2021	\$15.10
CITY OF NORTH LAS VEGAS	RF.NLV09J19	10951	04/12/2021	4800009411 00020	04/22/2021	\$41,325.00
CITY OF NORTH LAS VEGAS	RF.NLV09J19	10951	04/12/2021	4800009411 00030	04/22/2021	\$4,374.80
CITY OF NORTH LAS VEGAS	RF.NLV09K19	10949	04/12/2021	4800009476 00010	04/21/2021	\$87,132.00
CITY OF NORTH LAS VEGAS	RF.NLV09K19	10949	04/12/2021	4800009476 00020	04/21/2021	\$2,909,125.14
CITY OF NORTH LAS VEGAS	RF.NLV09K19	10949	04/12/2021	4800009476 00030	04/21/2021	\$3,867.91
JACOBS ENGINEERING GROUP INC	RF.HEN07F18	W7Y27000- 018	03/24/2021	4800009268 00010	04/08/2021	\$16,808.98
JACOBS ENGINEERING GROUP INC	RF.HEN07F18	W7Y27000- 018	03/24/2021	4800009268 00030	04/08/2021	\$550.36
JACOBS ENGINEERING GROUP INC	RF.HEN07F18	W7Y27000- 018	03/24/2021	4800009268 00040	04/08/2021	\$3,241.15
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1521097135	04/06/2021	none	04/06/2021	\$10,381.68
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1521097135	04/06/2021	none	04/06/2021	\$743.70
PUBLIC WORKS/CC TREAS	RF.CLA10G12	1521095956	04/01/2021	none	04/01/2021	(\$1,198.79)
PUBLIC WORKS/CC TREAS	RF.CLA10I19	1521097154	04/06/2021	none	04/06/2021	\$2,001.45
PUBLIC WORKS/CC TREAS	RF.CLA16O19	1521097142	04/06/2021	none	04/06/2021	\$1,844.44
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1521097136	04/06/2021	none	04/06/2021	\$28,286.37
PUBLIC WORKS/CC TREAS	RF.CLA38D20	1521096226	04/02/2021	none	04/02/2021	\$1,830.00
PUBLIC WORKS/CC TREAS	RF.CLA38D20	1521102583	04/21/2021	none	04/21/2021	\$352,016.50
PUBLIC WORKS/CC TREAS	RF.CLA38D20	1521104808	04/27/2021	none	04/27/2021	\$3,885.00
PUBLIC WORKS/CC TREAS	RF.CLA38E20	1521103894	04/23/2021	none	04/23/2021	\$9,081.18
Fiscal Year Total						\$9,298,145.65
Fund Total						\$9,298,145.65

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

ENTITY: Boulder City

BOU01C10

Hemenway System, Phase II Improvements

Interlocal Amount \$935,500.00

Original Funding Date 02/11/2010

Expiration Date 01/14/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$783,632.00	\$726,160.81	\$57,471.19
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$7,726.67	\$7,273.33
Entity Costs	\$15,003.00	\$0.00	\$15,003.00
Other	\$121,865.00	\$0.00	\$121,865.00
Total	\$935,500.00	\$733,887.48	\$201,612.52

BOU01D17

Hemenway System, Phase IIA Improvements

Interlocal Amount \$2,495,000.00

Original Funding Date 02/09/2017

Expiration Date 02/09/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,200,000.00	\$2,097,672.44	\$102,327.56
Const Engineering	\$295,000.00	\$289,453.97	\$5,546.03
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$2,495,000.00	\$2,387,126.41	\$107,873.59

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

ENTITY: Clark County

CLA04Y19

Flamingo Wash, Maryland Pkwy to Palos Verdes Street
Interlocal Amount \$535,000.00

Original Funding Date 04/11/2019
Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$500,000.00	\$170,044.47	\$329,955.53
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
Total	\$535,000.00	\$170,044.47	\$364,955.53

CLA08S13

Silverado Ranch Detention Basin and Outfall Facilities
Interlocal Amount \$1,450,000.00

Original Funding Date 09/12/2013
Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$31,000.00	\$26,742.17	\$4,257.83
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,303,000.00	\$1,248,505.63	\$54,494.37
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$81,000.00	\$39,858.06	\$41,141.94
Entity Costs	\$25,000.00	\$0.00	\$25,000.00
Other	\$10,000.00	\$0.00	\$10,000.00
Total	\$1,450,000.00	\$1,315,105.86	\$134,894.14

CLA10F10

Flamingo Wash, UPRR to Hotel Rio Drive
Interlocal Amount \$46,000.00

Original Funding Date 04/08/2010
Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$10,500.00	\$6,574.40	\$3,925.60
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$32,000.00	\$18,553.85	\$13,446.15
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$3,500.00	\$2,618.17	\$881.83
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$46,000.00	\$27,746.42	\$18,253.58

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

CLA10H13

Airport Channel - Naples

Interlocal Amount \$1,710,000.00

Original Funding Date 09/12/2013

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$1,088.00	\$912.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,639,640.00	\$701,403.65	\$938,236.35
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$56,976.03	(\$56,976.03)
Environmental	\$47,000.00	\$17,782.00	\$29,218.00
Entity Costs	\$21,360.00	\$2,410.22	\$18,949.78
Other	\$0.00	\$0.00	\$0.00
Total	\$1,710,000.00	\$779,659.90	\$930,340.10

CLA10I19

Wagon Trail Chnl, Sunset Rd to Teco Avenue

Interlocal Amount \$368,800.00

Original Funding Date 04/11/2019

Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$50,000.00	\$6,767.41	\$43,232.59
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$253,800.00	\$148,211.07	\$105,588.93
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$8,689.41	\$6,310.59
Entity Costs	\$50,000.00	\$7,314.07	\$42,685.93
Other	\$0.00	\$0.00	\$0.00
Total	\$368,800.00	\$170,981.96	\$197,818.04

CLA15D12

LVW Sloan-Bonanza, Flam W below Nellis

Interlocal Amount \$6,322,000.00

Original Funding Date 06/14/2012

Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$22,000.00	\$15,037.29	\$6,962.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$5,446,000.00	\$5,058,022.75	\$387,977.25
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$220,000.00	\$105,369.74	\$114,630.26
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$634,000.00	\$550,857.73	\$83,142.27
Total	\$6,322,000.00	\$5,729,287.51	\$592,712.49

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

CLA16019

Blue Diamond Wash, Arville Street to I-15

Interlocal Amount \$650,000.00

Original Funding Date 04/11/2019

Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$50,000.00	\$13,454.25	\$36,545.75
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$537,300.00	\$283,935.09	\$253,364.91
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$27,700.00	\$20,907.65	\$6,792.35
Entity Costs	\$15,000.00	\$0.00	\$15,000.00
Other	\$20,000.00	\$0.00	\$20,000.00
Total	\$650,000.00	\$318,296.99	\$331,703.01

CLA16P21

Blue Diamond Channel, Amigo to Haven

Interlocal Amount \$1,881,254.00

Original Funding Date 04/08/2021

Expiration Date 06/30/2026

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$1,075,010.00	\$0.00	\$1,075,010.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$726,244.00	\$0.00	\$726,244.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$40,000.00	\$0.00	\$40,000.00
Other	\$40,000.00	\$0.00	\$40,000.00
Total	\$1,881,254.00	\$0.00	\$1,881,254.00

CLA21A00

Orchard Detention Basin

Interlocal Amount \$1,949,700.00

Original Funding Date 07/13/2000

Expiration Date 06/30/2026

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$448,000.00	\$414,066.69	\$33,933.31
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,073,000.00	\$1,003,725.87	\$69,274.13
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$301,900.00	\$192,683.91	\$109,216.09
Entity Costs	\$100,000.00	\$0.00	\$100,000.00
Other	\$26,800.00	\$20,081.83	\$6,718.17
Total	\$1,949,700.00	\$1,630,558.30	\$319,141.70

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

CLA28D18

Vandenberg North DB, Collection & Outfall, Phase I
Interlocal Amount \$3,765,000.00

Original Funding Date 12/13/2018
Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,391,000.00	\$3,121,397.20	\$269,602.80
Const Engineering	\$374,000.00	\$336,904.41	\$37,095.59
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$3,765,000.00	\$3,458,301.61	\$306,698.39

CLA36A18

Jim McGaughey DB, Collection Basin and Outfall
Interlocal Amount \$4,432,870.00

Original Funding Date 06/14/2018
Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$3,000,000.00	\$1,365,724.69	\$1,634,275.31
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,382,870.00	\$963,010.35	\$419,859.65
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$50,000.00	\$0.00	\$50,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$4,432,870.00	\$2,328,735.04	\$2,104,134.96

CLA38C20

Duck Creek Haven Street Storm Drain
Interlocal Amount \$354,000.00

Original Funding Date 03/12/2020
Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$354,000.00	\$50,022.18	\$303,977.82
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$354,000.00	\$50,022.18	\$303,977.82

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

CLA38D20

Duck Creek Haven Street Storm Drain

Interlocal Amount \$3,748,000.00

Original Funding Date 04/09/2020

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,400,000.00	\$2,972,313.02	\$427,686.98
Const Engineering	\$226,000.00	\$14,197.28	\$211,802.72
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$122,000.00	\$41,997.26	\$80,002.74
Other	\$0.00	\$0.00	\$0.00
Total	\$3,748,000.00	\$3,028,507.56	\$719,492.44

CLA38E20

Duck Creek - Jones Boulevard Storm Drain

Interlocal Amount \$3,650,769.00

Original Funding Date 05/21/2020

Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,328,864.00	\$9,081.18	\$3,319,782.82
Const Engineering	\$271,905.00	\$0.00	\$271,905.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$50,000.00	\$0.00	\$50,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$3,650,769.00	\$9,081.18	\$3,641,687.82

CLA38F20

Blue Diamond Channel 02, Decatur-Le Baron to

Richmar

Interlocal Amount \$1,918,488.00

Original Funding Date 08/13/2020

Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,778,560.00	\$0.00	\$1,778,560.00
Const Engineering	\$99,928.00	\$0.00	\$99,928.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$40,000.00	\$0.00	\$40,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,918,488.00	\$0.00	\$1,918,488.00

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

CLA38G20

Blue Diamond Railroad Channel

Interlocal Amount \$1,637,520.00

Original Funding Date 10/08/2020

Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$701,120.00	\$0.00	\$701,120.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$876,400.00	\$0.00	\$876,400.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$30,000.00	\$0.00	\$30,000.00
Entity Costs	\$30,000.00	\$0.00	\$30,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,637,520.00	\$0.00	\$1,637,520.00

CLA39A19

Duck Creek/Blue Diamond, Bermuda Rd to LV Blvd

Interlocal Amount \$453,000.00

Original Funding Date 04/11/2019

Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$18,000.00	\$4,602.48	\$13,397.52
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$400,000.00	\$117,379.67	\$282,620.33
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
Total	\$453,000.00	\$121,982.15	\$331,017.85

CLA40A21

LVW-Branch 02-Monson Chnl-Jimmy Durante to

Boulder Highway

Interlocal Amount \$650,000.00

Original Funding Date 04/08/2021

Expiration Date 06/30/2026

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$615,000.00	\$0.00	\$615,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$20,000.00	\$0.00	\$20,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$650,000.00	\$0.00	\$650,000.00

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

CLD97A20

Craig Road SD-EI Capitan to Fort Apache

Interlocal Amount \$1,200,000.00

Original Funding Date 07/09/2020

Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,200,000.00	\$0.00	\$1,200,000.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,200,000.00	\$0.00	\$1,200,000.00

ENTITY: Clark County Outlying

BUN01D11

Windmill Wash Detention Basin Expansion

Interlocal Amount \$880,000.00

Original Funding Date 02/10/2011

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$41,000.00	\$40,023.59	\$976.41
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$656,000.00	\$620,666.12	\$35,333.88
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$179,000.00	\$176,298.63	\$2,701.37
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$4,000.00	\$0.00	\$4,000.00
Total	\$880,000.00	\$836,988.34	\$43,011.66

GSP01B10

Goodsprings - Phase I

Interlocal Amount \$83,400.00

Original Funding Date 03/11/2010

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$57,500.00	\$50,866.23	\$6,633.77
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$25,400.00	\$24,876.62	\$523.38
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$500.00	\$0.00	\$500.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$83,400.00	\$75,742.85	\$7,657.15

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

LAU04A08

SR 163 at Casino Drive

Interlocal Amount \$828,500.00

Original Funding Date 10/09/2008

Expiration Date 06/30/2026

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$11,500.00	\$3,926.29	\$7,573.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$691,500.00	\$391,478.95	\$300,021.05
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$125,500.00	\$125,459.24	\$40.76
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$828,500.00	\$520,864.48	\$307,635.52

MOA01B89

Muddy River West Levee, Moapa Valley

Interlocal Amount \$13,501,000.00

Original Funding Date 05/11/1989

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$10,811,200.00	\$10,810,530.39	\$669.61
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,448,000.00	\$1,854,906.53	\$593,093.47
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$132,500.00	\$132,405.90	\$94.10
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$109,300.00	\$108,590.00	\$710.00
Total	\$13,501,000.00	\$12,906,432.82	\$594,567.18

MOA03A11

Fairgrounds Detention Basin and Outfall

Interlocal Amount \$1,071,500.00

Original Funding Date 02/10/2011

Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$95,000.00	\$64,978.05	\$30,021.95
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$727,000.00	\$674,373.75	\$52,626.25
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$172,500.00	\$154,617.86	\$17,882.14
Entity Costs	\$60,000.00	\$59,261.80	\$738.20
Other	\$17,000.00	\$11,929.36	\$5,070.64
Total	\$1,071,500.00	\$965,160.82	\$106,339.18

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

SEA02B19

Searchlight West - State Highway 164

Interlocal Amount \$740,500.00

Original Funding Date 10/10/2019

Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$0.00	\$5,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$733,500.00	\$346,765.64	\$386,734.36
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$740,500.00	\$346,765.64	\$393,734.36

ENTITY: COE/Clark County

COEG294

Tropicana & Flamingo Washes

Interlocal Amount \$36,259,348.00

Original Funding Date 01/12/1995

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$26,846,216.04	\$26,518,772.39	\$327,443.65
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$9,413,131.96	\$9,363,742.46	\$49,389.50
Total	\$36,259,348.00	\$35,882,514.85	\$376,833.15

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

ENTITY: Henderson

HEN07F18

Whitney Ranch Channel Replacement Project

Interlocal Amount \$934,549.00

Original Funding Date 08/09/2018

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$54,164.00	\$48,232.75	\$5,931.25
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$674,750.00	\$541,916.26	\$132,833.74
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,164.00	\$114,163.50	\$12,000.50
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$79,471.00	\$58,470.63	\$21,000.37
Total	\$934,549.00	\$762,783.14	\$171,765.86

HEN12K19

Pittman - Sunset, Galleria to Foster

Interlocal Amount \$605,788.00

Original Funding Date 12/12/2019

Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$18,424.00	\$3,070.73	\$15,353.27
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$443,443.00	\$225,354.84	\$218,088.16
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$14,610.00	\$9,000.00	\$5,610.00
Entity Costs	\$113,659.00	\$34,924.06	\$78,734.94
Other	\$15,652.00	\$0.00	\$15,652.00
Total	\$605,788.00	\$272,349.63	\$333,438.37

HEN16A01

Pittman North Detention Basin & Outfall

Interlocal Amount \$2,264,514.00

Original Funding Date 07/12/2001

Expiration Date 12/31/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$108,800.68	\$108,800.68	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,660,619.22	\$1,629,587.33	\$31,031.89
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$401,827.10	\$401,827.10	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$93,267.00	\$82,153.82	\$11,113.18
Total	\$2,264,514.00	\$2,222,368.93	\$42,145.07

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

HEN16F17

Pittman North Detention Basin & Outfall, Phase III

Interlocal Amount \$25,700,000.00

Original Funding Date 07/13/2017

Expiration Date 12/31/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$24,500,000.00	\$23,736,329.51	\$763,670.49
Const Engineering	\$1,200,000.00	\$934,742.66	\$265,257.34
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$25,700,000.00	\$24,671,072.17	\$1,028,927.83

HEN25B19

Pittman Pabco - Boulder Highway Crossing

Interlocal Amount \$1,454,530.00

Original Funding Date 09/12/2019

Expiration Date 12/31/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,346,787.00	\$1,252,401.10	\$94,385.90
Const Engineering	\$107,743.00	\$9,455.22	\$98,287.78
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,454,530.00	\$1,261,856.32	\$192,673.68

HLD06B19

Chickasaw Storm Drain

Interlocal Amount \$1,999,964.00

Original Funding Date 07/11/2019

Expiration Date 12/31/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,999,964.00	\$0.00	\$1,999,964.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,999,964.00	\$0.00	\$1,999,964.00

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

ENTITY: Las Vegas

LAS05L20

Meadows-Charleston SD, Essex to Lindell

Interlocal Amount \$817,308.00

Original Funding Date 07/09/2020

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$713,308.00	\$201,478.94	\$511,829.06
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$100,000.00	\$31,892.21	\$68,107.79
Other	\$0.00	\$0.00	\$0.00
Total	\$817,308.00	\$233,371.15	\$583,936.85

LAS05M20

Meadows Detention Basin Upgrade

Interlocal Amount \$154,000.00

Original Funding Date 07/09/2020

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$130,000.00	\$0.00	\$130,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$20,000.00	\$44.99	\$19,955.01
Other	\$0.00	\$0.00	\$0.00
Total	\$154,000.00	\$44.99	\$153,955.01

LAS19E20

Owens Ave System-Vegas SD, Shadow Mtn to Jones

Interlocal Amount \$854,000.00

Original Funding Date 07/09/2020

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$750,000.00	\$0.00	\$750,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$100,000.00	\$2,152.64	\$97,847.36
Other	\$0.00	\$0.00	\$0.00
Total	\$854,000.00	\$2,152.64	\$851,847.36

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

LAS22U19

Brent Drainage System-Durango to OHare Ave

Interlocal Amount \$1,100,000.00

Original Funding Date 07/11/2019

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,096,000.00	\$175,823.00	\$920,177.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,100,000.00	\$175,823.00	\$924,177.00

LAS23F14

Centennial Parkway Channel West-CC215, Pioneer

Way to US95

Interlocal Amount \$13,259,884.00

Original Funding Date 11/13/2014

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$12,702,818.00	\$12,552,817.62	\$150,000.38
Const Engineering	\$557,066.00	\$57,065.13	\$500,000.87
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$13,259,884.00	\$12,609,882.75	\$650,001.25

LAS23H15

Centennial Parkway Channel West-US95, Durango to

Grand Teton

Interlocal Amount \$985,231.00

Original Funding Date 07/09/2015

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$981,231.00	\$567,853.85	\$413,377.15
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$985,231.00	\$567,853.85	\$417,377.15

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

LAS23I17

**Cent Pkwy Chnl West-US95, CC215 to Grand Teton,
Kyle Cyn
Interlocal Amount \$24,085,206.70**

Original Funding Date 03/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$22,165,480.87	\$22,115,480.87	\$50,000.00
Const Engineering	\$1,899,725.83	\$1,874,725.83	\$25,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$20,000.00	\$0.00	\$20,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$24,085,206.70	\$23,990,206.70	\$95,000.00

LAS23J21

**Centennial Pkwy Channel West-Farm Rd, Oso Blanca
to TeePee
Interlocal Amount \$953,903.00**

Original Funding Date 05/20/2021

Expiration Date 05/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$799,903.00	\$0.00	\$799,903.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$150,000.00	\$0.00	\$150,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$953,903.00	\$0.00	\$953,903.00

LAS24L17

**Gowan North - El Capitan Branch, Ann Road to
Centennial Parkway
Interlocal Amount \$861,670.00**

Original Funding Date 08/10/2017

Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$757,670.00	\$594,753.49	\$162,916.51
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$100,000.00	\$30,310.02	\$69,689.98
Other	\$0.00	\$0.00	\$0.00
Total	\$861,670.00	\$625,063.51	\$236,606.49

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

LAS25C20

Las Vegas Wash-Stewart, Las Vegas Wash to Lamb Blvd.

Interlocal Amount \$1,675,190.00

Original Funding Date 09/10/2020

Expiration Date 09/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,491,190.00	\$18,396.24	\$1,472,793.76
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$180,000.00	\$2,256.95	\$177,743.05
Other	\$0.00	\$0.00	\$0.00
Total	\$1,675,190.00	\$20,653.19	\$1,654,536.81

LAS28C12

Las Vegas Wash - Sloan Channel to Cedar Avenue

Interlocal Amount \$110,000.00

Original Funding Date 06/14/2012

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$110,000.00	\$88,302.56	\$21,697.44
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$110,000.00	\$88,302.56	\$21,697.44

LAS29B15

Flamingo-Boulder HWY N-Boulder HWY Sahara to Charleston

Interlocal Amount \$1,726,003.00

Original Funding Date 12/10/2015

Expiration Date 12/31/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$34,000.00	\$0.00	\$34,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,673,003.00	\$1,551,078.49	\$121,924.51
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$19,000.00	\$0.00	\$19,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,726,003.00	\$1,551,078.49	\$174,924.51

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

LAS29C16

Flamingo-Maryland-Bldr, Maryland Pky Sys
Interlocal Amount \$2,888,829.00

Original Funding Date 09/08/2016
Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$400.00	\$0.00	\$400.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,790,475.00	\$2,684,029.04	\$106,445.96
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$6,000.00	\$0.00	\$6,000.00
Entity Costs	\$91,954.00	\$57,035.95	\$34,918.05
Other	\$0.00	\$0.00	\$0.00
Total	\$2,888,829.00	\$2,741,064.99	\$147,764.01

LAS29D17

Flamingo-Boulder Hwy North, Charleston, Main to Maryland
Interlocal Amount \$1,529,674.00

Original Funding Date 08/10/2017
Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,200,674.00	\$446,714.50	\$753,959.50
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$325,000.00	\$2,457.45	\$322,542.55
Other	\$0.00	\$0.00	\$0.00
Total	\$1,529,674.00	\$449,171.95	\$1,080,502.05

LAS29E18

Flamingo - Boulder Hwy North - Boulder Hwy, Sahara to Charleston
Interlocal Amount \$30,664,139.00

Original Funding Date 10/11/2018
Expiration Date 01/31/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$28,829,533.00	\$25,915,611.50	\$2,913,921.50
Const Engineering	\$1,834,606.00	\$689,370.18	\$1,145,235.82
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$30,664,139.00	\$26,604,981.68	\$4,059,157.32

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

LAS29F20

Flamingo-Boulder Hwy N Charleston-Maryland Pkwy System

Interlocal Amount \$44,039,173.00

Original Funding Date 05/21/2020

Expiration Date 01/31/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$41,000,000.00	\$113.36	\$40,999,886.64
Const Engineering	\$1,752,160.00	\$0.00	\$1,752,160.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$1,287,013.00	\$32,502.80	\$1,254,510.20
Other	\$0.00	\$0.00	\$0.00
Total	\$44,039,173.00	\$32,616.16	\$44,006,556.84

LAS30A13

Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard

Interlocal Amount \$711,938.00

Original Funding Date 07/11/2013

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$3,000.00	\$0.00	\$3,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$706,938.00	\$424,694.20	\$282,243.80
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$711,938.00	\$424,694.20	\$287,243.80

LAS31A17

LVW-Moccasin, Skye Canyon Park to Upper LVW

Interlocal Amount \$120,000.00

Original Funding Date 12/14/2017

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$60,000.00	\$57,661.03	\$2,338.97
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$60,000.00	\$22,447.27	\$37,552.73
Other	\$0.00	\$0.00	\$0.00
Total	\$120,000.00	\$80,108.30	\$39,891.70

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

LAS31B18

LVW - Moccasin, Skye Canyon Park to Upper LVW

Interlocal Amount \$17,996,057.00

Original Funding Date 11/08/2018

Expiration Date 01/31/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$16,989,000.00	\$12,259,116.35	\$4,729,883.65
Const Engineering	\$1,007,057.00	\$311,682.85	\$695,374.15
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$17,996,057.00	\$12,570,799.20	\$5,425,257.80

LAS32A21

LVW - Iron Mountain, Bradley to Decatur

Interlocal Amount \$302,000.00

Original Funding Date 05/20/2021

Expiration Date 05/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$248,000.00	\$0.00	\$248,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$50,000.00	\$0.00	\$50,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$302,000.00	\$0.00	\$302,000.00

LLD19A18

Luning Drive Storm Drain

Interlocal Amount \$1,201,965.00

Original Funding Date 07/12/2018

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,201,965.00	\$0.00	\$1,201,965.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,201,965.00	\$0.00	\$1,201,965.00

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

NLV04L21

Gowan Outfall-Alexander-Decatur-Simmons, Simmons-Clayton

Interlocal Amount \$33,988,550.00

Original Funding Date 05/20/2021

Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$31,483,550.00	\$0.00	\$31,483,550.00
Const Engineering	\$2,205,000.00	\$0.00	\$2,205,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$300,000.00	\$0.00	\$300,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$33,988,550.00	\$0.00	\$33,988,550.00

ENTITY: Mesquite

MES01E17

Town Wash-Mesa Boulevard, El Dorado to Town Wash
Interlocal Amount \$572,182.75

Original Funding Date 09/14/2017

Expiration Date 09/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$32,600.00	\$0.00	\$32,600.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$422,988.00	\$373,600.00	\$49,388.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$116,594.75	\$68,868.75	\$47,726.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$572,182.75	\$442,468.75	\$129,714.00

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

MES04A15

Virgin River Flood Wall

Interlocal Amount \$1,433,903.00

Original Funding Date 11/12/2015

Expiration Date 07/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$18,680.00	\$0.00	\$18,680.00
Pre-Design	\$208,278.00	\$207,278.00	\$1,000.00
Design	\$886,060.00	\$494,695.03	\$391,364.97
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$157,630.00	\$0.00	\$157,630.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$163,255.00	\$0.00	\$163,255.00
Total	\$1,433,903.00	\$701,973.03	\$731,929.97

ENTITY: North Las Vegas

NLV03E13

Hollywood System, Dunes South DB to Centennial Parkway

Interlocal Amount \$2,706,972.00

Original Funding Date 10/10/2013

Expiration Date 12/31/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$656,972.00	\$58,432.79	\$598,539.21
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,040,000.00	\$1,983,168.01	\$56,831.99
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$2,706,972.00	\$2,041,600.80	\$665,371.20

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

NLV03F17

Range Wash - Ann Branch

Interlocal Amount \$1,081,889.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$250,000.00	\$18,117.60	\$231,882.40
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$821,889.00	\$607,920.97	\$213,968.03
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,081,889.00	\$626,038.57	\$455,850.43

NLV03G17

Hollywood System, Centennial Pkwy-Speedway #2 DB

Interlocal Amount \$1,586,850.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$507,125.00	\$30,425.29	\$476,699.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,069,725.00	\$981,253.91	\$88,471.09
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,586,850.00	\$1,011,679.20	\$575,170.80

NLV03I18

Range Wash - Ann Branch, Phase I

Interlocal Amount \$2,668,000.00

Original Funding Date 02/08/2018

Expiration Date 12/31/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,470,000.00	\$2,466,647.80	\$3,352.20
Const Engineering	\$198,000.00	\$196,239.15	\$1,760.85
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$2,668,000.00	\$2,662,886.95	\$5,113.05

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

NLV04K17

Gowan Outfall, Alexander Rd - Decatur to Simmons Street

Interlocal Amount \$1,931,156.00

Original Funding Date 02/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,921,156.00	\$1,432,424.31	\$488,731.69
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,931,156.00	\$1,432,424.31	\$498,731.69

NLV09E11

Vandenberg North Detention Basin & Outfall

Interlocal Amount \$1,534,770.00

Original Funding Date 04/14/2011

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$64,673.77	\$56,022.24	\$8,651.53
Pre-Design	\$123,326.23	\$123,326.23	\$0.00
Design	\$1,220,000.00	\$1,160,880.56	\$59,119.44
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,770.00	\$121,770.00	\$5,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,534,770.00	\$1,461,999.03	\$72,770.97

NLV09I13

Beltway Detention Basin and Channel

Interlocal Amount \$1,554,000.00

Original Funding Date 10/10/2013

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$400,000.00	\$367,790.92	\$32,209.08
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,079,000.00	\$1,011,532.25	\$67,467.75
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$1,185.69	\$8,814.31
Entity Costs	\$65,000.00	\$28,149.56	\$36,850.44
Other	\$0.00	\$0.00	\$0.00
Total	\$1,554,000.00	\$1,408,658.42	\$145,341.58

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

NLV10L19

Las Vegas Wash Cartier Channel

Interlocal Amount \$698,289.00

Original Funding Date 10/10/2019

Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$20,000.00	\$4,550.00	\$15,450.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$676,289.00	\$175,393.28	\$500,895.72
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$698,289.00	\$179,943.28	\$518,345.72

NLV10M21

Lake Mead SD, LVW to Civic Center

Interlocal Amount \$1,070,020.00

Original Funding Date 03/11/2021

Expiration Date 12/31/2026

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$50,000.00	\$0.00	\$50,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$930,020.00	\$0.00	\$930,020.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$90,000.00	\$0.00	\$90,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,070,020.00	\$0.00	\$1,070,020.00

NLV17C16

Fifth Street Collector, Centennial Pkwy to Deer Springs Way

Interlocal Amount \$726,079.00

Original Funding Date 11/10/2016

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$259,088.00	\$11,422.40	\$247,665.60
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$456,991.00	\$408,554.03	\$48,436.97
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$726,079.00	\$419,976.43	\$306,102.57

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

NLV19A19

Carey-Lake Mead DB Outfall Modification

Interlocal Amount \$115,000.00

Original Funding Date 10/10/2019

Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$20,000.00	\$5,354.33	\$14,645.67
Design	\$75,000.00	\$0.00	\$75,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$20,000.00	\$5,106.94	\$14,893.06
Other	\$0.00	\$0.00	\$0.00
Total	\$115,000.00	\$10,461.27	\$104,538.73

Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$45,772,973.49	\$40,050,019.72	\$5,722,953.77
Pre-Design	\$351,604.23	\$335,958.56	\$15,645.67
Design	\$49,090,608.22	\$32,239,109.12	\$16,851,499.10
Construction	\$199,987,521.87	\$108,498,981.95	\$91,488,539.92
Const Engineering	\$12,028,190.83	\$4,770,812.71	\$7,257,378.12
Environmental	\$2,450,695.85	\$1,701,232.28	\$749,463.57
Entity Costs	\$3,710,989.00	\$360,264.19	\$3,350,724.81
Other	\$10,787,741.96	\$10,195,825.83	\$591,916.13
Total	\$324,180,325.45	\$198,152,204.36	\$126,028,121.09
Construction Projects = 17 Design / Other Projects = 52			

Current Project Expense Summary

BOND FUNDED PROJECTS

ENTITY: Boulder City

BOU01E19

Hemenway System, Phase IIB Improvements

Interlocal Amount \$5,202,802.00

Original Funding Date 11/14/2019

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,649,236.00	\$0.00	\$4,649,236.00
Const Engineering	\$530,566.00	\$0.00	\$530,566.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$23,000.00	\$0.00	\$23,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$5,202,802.00	\$0.00	\$5,202,802.00

ENTITY: Clark County

CLA15E13

LVW-Sloan to Stewart-Flam Wash below Nellis

Interlocal Amount \$84,184,000.00

Original Funding Date 10/10/2013

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$74,685,794.80	\$74,685,126.87	\$667.93
Const Engineering	\$6,840,205.20	\$6,840,205.20	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$2,658,000.00	\$1,424,351.88	\$1,233,648.12
Total	\$84,184,000.00	\$82,949,683.95	\$1,234,316.05

Current Project Expense Summary

BOND FUNDED PROJECTS

CLA38B20

Silverado Ranch DB, Collection & Outfall

Interlocal Amount \$26,000,000.00

Original Funding Date 03/12/2020

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$23,120,745.00	\$0.00	\$23,120,745.00
Const Engineering	\$2,379,255.00	\$0.00	\$2,379,255.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$500,000.00	\$0.00	\$500,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$26,000,000.00	\$0.00	\$26,000,000.00

ENTITY: Clark County Outlying

LAU04B17

SR 163 at Casino Drive

Interlocal Amount \$2,250,000.00

Original Funding Date 07/13/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,065,000.00	\$1,743,291.36	\$321,708.64
Const Engineering	\$185,000.00	\$176,840.81	\$8,159.19
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$2,250,000.00	\$1,920,132.17	\$329,867.83

Current Project Expense Summary

BOND FUNDED PROJECTS

ENTITY: Henderson

HEN07G20

Whitney Ranch Channel Replacement

Interlocal Amount \$15,462,864.00

Original Funding Date 11/12/2020

Expiration Date 12/31/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$14,962,864.00	\$0.00	\$14,962,864.00
Const Engineering	\$500,000.00	\$0.00	\$500,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$15,462,864.00	\$0.00	\$15,462,864.00

ENTITY: North Las Vegas

NLV03J19

Hollywood System, Phase II, NAFB Reach

Interlocal Amount \$19,921,851.00

Original Funding Date 05/23/2019

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$18,460,000.00	\$15,739,454.73	\$2,720,545.27
Const Engineering	\$1,321,851.00	\$1,196,761.49	\$125,089.51
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$140,000.00	\$126,589.26	\$13,410.74
Other	\$0.00	\$0.00	\$0.00
Total	\$19,921,851.00	\$17,062,805.48	\$2,859,045.52

Current Project Expense Summary

BOND FUNDED PROJECTS

NLV03K19

Range Wash - Ann Branch, Phase II

Interlocal Amount \$7,697,245.00

Original Funding Date 09/12/2019

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$7,118,510.00	\$6,347,279.00	\$771,231.00
Const Engineering	\$578,735.00	\$43,479.77	\$535,255.23
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$7,697,245.00	\$6,390,758.77	\$1,306,486.23

NLV03L20

Hollywood System, Centennial Pkwy to Speedway #2

DB

Interlocal Amount \$10,355,000.00

Original Funding Date 09/10/2020

Expiration Date 07/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$9,500,000.00	\$0.00	\$9,500,000.00
Const Engineering	\$665,000.00	\$0.00	\$665,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$190,000.00	\$0.00	\$190,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$10,355,000.00	\$0.00	\$10,355,000.00

NLV09J19

Beltway Detention Basin, Collection and Outfall

Interlocal Amount \$16,778,289.00

Original Funding Date 05/23/2019

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$15,392,926.00	\$273,000.00	\$15,119,926.00
Const Engineering	\$1,060,000.00	\$61,318.84	\$998,681.16
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$325,363.00	\$12,980.92	\$312,382.08
Other	\$0.00	\$0.00	\$0.00
Total	\$16,778,289.00	\$347,299.76	\$16,430,989.24

Current Project Expense Summary

BOND FUNDED PROJECTS

NLV09K19

Vandenberg North DB, Collection & Outfall, Phase II

Interlocal Amount \$25,999,000.00

Original Funding Date 08/08/2019

Expiration Date 06/20/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$24,004,000.00	\$19,527,323.69	\$4,476,676.31
Const Engineering	\$1,620,000.00	\$738,779.03	\$881,220.97
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$375,000.00	\$38,245.76	\$336,754.24
Other	\$0.00	\$0.00	\$0.00
Total	\$25,999,000.00	\$20,304,348.48	\$5,694,651.52

Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$193,959,075.80	\$118,315,475.65	\$75,643,600.15
Const Engineering	\$15,680,612.20	\$9,057,385.14	\$6,623,227.06
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$1,553,363.00	\$177,815.94	\$1,375,547.06
Other	\$2,658,000.00	\$1,424,351.88	\$1,233,648.12
Total	\$213,851,051.00	\$128,975,028.61	\$84,876,022.39

Construction Projects = 10 Design / Other Projects = 0

Capital Improvement Program - Open Projects Summary

Pay-As-You-Go And Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$45,772,973.49	\$40,050,019.72	\$5,722,953.77
Pre-Design	\$351,604.23	\$335,958.56	\$15,645.67
Design	\$49,090,608.22	\$32,239,109.12	\$16,851,499.10
Construction	\$393,946,597.67	\$226,814,457.60	\$167,132,140.07
Const Engineering	\$27,708,803.03	\$13,828,197.85	\$13,880,605.18
Environmental	\$2,450,695.85	\$1,701,232.28	\$749,463.57
Entity Costs	\$5,264,352.00	\$538,080.13	\$4,726,271.87
Other	\$13,445,741.96	\$11,620,177.71	\$1,825,564.25
Total	\$538,031,376.45	\$327,127,232.97	\$210,904,143.48
Construction Projects = 27 Design / Other Projects = 52			

Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$45,772,973.49	\$40,050,019.72	\$5,722,953.77
Pre-Design	\$351,604.23	\$335,958.56	\$15,645.67
Design	\$49,090,608.22	\$32,239,109.12	\$16,851,499.10
Construction	\$199,987,521.87	\$108,498,981.95	\$91,488,539.92
Const Engineering	\$12,028,190.83	\$4,770,812.71	\$7,257,378.12
Environmental	\$2,450,695.85	\$1,701,232.28	\$749,463.57
Entity Costs	\$3,710,989.00	\$360,264.19	\$3,350,724.81
Other	\$10,787,741.96	\$10,195,825.83	\$591,916.13
Total	\$324,180,325.45	\$198,152,204.36	\$126,028,121.09
Construction Projects = 17 Design / Other Projects = 52			

Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$193,959,075.80	\$118,315,475.65	\$75,643,600.15
Const Engineering	\$15,680,612.20	\$9,057,385.14	\$6,623,227.06
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$1,553,363.00	\$177,815.94	\$1,375,547.06
Other	\$2,658,000.00	\$1,424,351.88	\$1,233,648.12
Total	\$213,851,051.00	\$128,975,028.61	\$84,876,022.39
Construction Projects = 10 Design / Other Projects = 0			

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

Boulder City

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$4,649,000.00
BOU01B88	Hemenway Wash Debris Basin	Closed	\$0.00
BOU01C10	Hemenway System, Phase II Improvements	Open	\$935,500.00
BOU01D17	Hemenway System, Phase IIA Improvements	Open	\$2,495,000.00
BOU02A88	Georgia Avenue Channel	Closed	\$613,590.23
BOU03A88	Buchanan Blvd. Channel	Closed	\$412,719.91
BOU03B98	Buchanan Watershed Facilities	Closed	\$420,240.41
BOU03C10	Buchanan Blvd., Phase III Improvements	Closed	\$344,263.01
BOU03D11	Buchanan Blvd., Phase III Improvements	Closed	\$0.00
BOU03E12	Buchanan Blvd., Phase III Improvements	Closed	\$4,689,402.24
BOU04A96	West Airport Watershed	Closed	\$128,138.69
BOU04B97	West Airport Watershed Construction	Closed	\$1,839,686.60
BOU04C01	Hemenway Wash	Closed	\$101,580.75
BOU05A98	North Railroad Watershed (Industrial Road Facility)	Closed	\$448,873.75
BOU05B00	North Railroad Watershed, Veteran Memorial Dr Culvert	Closed	\$129,206.79
BOU05G07	Yucca Street Drainage	Closed	\$71,036.09
BOU05H07	Bootleg Canyon Detention Basin Outfall	Closed	\$521,408.23
BOU05J10	North Railroad Conveyance	Closed	\$509,462.22
BOU05K11	Bootleg Canyon Detention Basin, Phase II	Closed	\$829,854.43
BOU05L11	North Railroad Conveyance	Closed	\$3,503,502.20
BOU05M18	North Railroad Conveyance, Phase II	Closed	\$2,370,058.67
BOU06A99	Ville Drive Flood Control Facilities	Closed	\$144,261.08
BOU06B01	Ville Drive Flood Control Facilities	Closed	\$747,314.67
			\$25,904,099.97

Clark County

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA01A87	Upper Flamingo Wash Detention Basin & Outfall	Closed	\$6,932,932.63
CLA01B04	F4 Patrick Lane/Ft Apache Road Lateral	Closed	\$482,000.00
CLA01D07	Flamingo Hacienda	Closed	\$4,037,385.53
CLA02A88	Rawhide Channel	Closed	\$69,932.30
CLA02B90	Rawhide Channel/Eastern Av Drainage Structure	Closed	\$155,540.00
CLA02C90	Rawhide Channel/Eastern Outfall	Closed	\$115,000.00
CLA02D90	Rawhide Channel/Eastern-Topaz	Closed	\$1,069,252.07
CLA02E91	Rawhide Channel/McLeod-Mtn Vista	Closed	\$166,990.74
CLA02G99	Rawhide Channel at Sagebrush Street	Closed	\$441,753.51
CLA03A88	Van Buskirk Channel - Predesign	Closed	\$118,463.30
CLA03B90	Van Buskirk Channel Outfall	Closed	\$3,332,227.08
CLA03C90	Van Buskirk Channel - ROW	Closed	(\$202,889.63)
CLA03D91	Van Buskirk System/Spencer-Rochelle	Closed	\$808,963.97
CLA03H93	Van Buskirk Channel / Phases IIA & VI Construction	Closed	\$6,112,843.32
CLA04A89	Flamingo Wash Bridge @ Eastern	Closed	\$61,900.00
CLA04B89	Flamingo Wash Bridge @ Arville	Closed	\$294,818.61
CLA04C90	Flamingo Wash Bridge @ Paradise & Palos Verde	Closed	\$1,711,276.60
CLA04D93	Flamingo Wash - Winnick Ave. Improvements	Closed	\$2,739,120.64

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA04E99	Flamingo Wash, McLeod Dr to Maryland PKWY	Closed	\$2,575,702.59
CLA04F99	Flamingo Wash, I-515 to McLeod Dr	Closed	\$1,252,537.43
CLA04G00	Flamingo Wash at Boulder Highway	Closed	\$860,102.20
CLA04H00	Flamingo Wash, Boulder Highway to Mojave Rd	Closed	\$6,284,809.40
CLA04I01	Flamingo Wash, Spencer Street Bridge & Approach Channel	Closed	\$2,436,743.83
CLA04M06	Flamingo - Boulder HWY N, Sahara Ave to Flamingo Wash	Closed	\$1,027,029.82
CLA04Q08	Flamingo Wash, Nellis Blvd to I-515	Closed	\$995,990.90
CLA04R08	Flamingo Wash, Desert Inn to Eastern Avenue	Closed	\$7,869,248.66
CLA04U10	Flamingo-Boulder Highway North, Sahara Ave to Flamingo Wash	Closed	\$10,933,404.28
CLA04V10	Flamingo Wash, Nellis Boulevard to I-515	Closed	\$11,132,175.16
CLA04Y19	Flamingo Wash, Maryland Pkwy to Palos Verdes Street	Open	\$535,000.00
CLA05A91	Duck Creek Bridges @ Tomiyasu & La Casita	Closed	\$814,243.47
CLA06A91	Range Wash Confluence Detention Basin Facilities	Closed	\$479,952.25
CLA07A92	Sloan Channel (Las Vegas Wash to Owens)	Closed	\$4,820,788.11
CLA07B01	Sloan Channel, Las Vegas Wash to Charleston	Closed	\$340,747.81
CLA08A92	Lower Duck Creek Detention Basin Predesign	Closed	\$807,918.53
CLA08B93	Lower Duck Creek DB ROW	Closed	\$5,921,794.42
CLA08C98	Lower Duck Creek Detention Basin & Outfall Channel	Closed	(\$11,828.26)
CLA08D01	Duck Creek, Lower Detention Basin to I-15	Closed	\$9,691,844.67
CLA08F03	Duck Creek, Lower Detention Basin to Silverado Ranch Blvd	Closed	\$3,717,281.04
CLA08H05	Duck Creek, Railroad Detention Basin	Closed	\$673,683.44
CLA08K07	Duck Creek Channel, Silverado Ranch Blvd to Las Vegas Blvd	Closed	\$8,698,135.53
CLA08M08	Duck Creek, Railroad Detention Basin	Closed	\$13,302,732.94
CLA08Q13	Duck Creek at Dean Martin	Closed	\$413,865.28
CLA08R13	Duck Creek, Las Vegas Boulevard	Closed	\$414,932.34
CLA08S13	Silverado Ranch Detention Basin and Outfall Facilities	Open	\$1,450,000.00
CLA08W16	Duck Creek at Dean Martin	Closed	\$3,058,969.76
CLA09A97	Durango Collector (Hacienda to Twain)	Closed	\$366,253.18
CLA09B99	Durango Collector (Twain to Hacienda)	Closed	\$100,005.00
CLA09C06	Durango Collector (Twain to Hacienda)	Closed	\$1,126.53
CLA10A97	Tropicana Wash (Paradise Road to Koval Lane)	Closed	\$228,665.56
CLA10D07	Tropicana Wash at Swenson Street	Closed	\$1,253,646.20
CLA10F10	Flamingo Wash, UPRR to Hotel Rio Drive	Open	\$46,000.00
CLA10G12	Tropicana Wash at Swenson Street	Closed	\$7,077,596.00
CLA10H13	Airport Channel - Naples	Open	\$1,710,000.00
CLA10I19	Wagon Trail Chnl, Sunset Rd to Teco Avenue	Open	\$368,800.00
CLA12A97	Desert Inn Detention Basin & Collection System	Closed	\$346,843.68
CLA12B98	Desert Inn Detention Basin & Collection System/DI Lateral	Closed	\$43,197.00

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	\$689.01
CLA13A97	Lakes Detention Basin, Collection System, & Outfall	Closed	\$531,803.87
CLA13B98	Lakes Detention Basin Collection System & Outfall	Closed	\$788,631.74
CLA13C98	Lakes DB Collection System	Closed	\$783,619.03
CLA14A97	Duck Creek (Hollywood to Stephanie Street)	Closed	\$138,962.97
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephaine St)--ROWA	Closed	\$375,552.00
CLA14C99	Duck Creek, Sunset Road to Eastern Ave	Closed	\$560,650.99
CLA14D99	Duck Creek, Hollywood Blvd to Stephanie Street	Closed	\$1,651,449.79
CLA14E99	Duck Creek, Stephanie St to Green Valley PKWY	Closed	\$321,054.87
CLA14F00	Duck Creek, Emerald Avenue to Stephanie St	Closed	\$5,987,176.80
CLA14G00	Duck Creek at Robindale Road	Closed	\$1,066,974.02
CLA14H00	Duck Creek, Tomiyasu Lane to Topaz St	Closed	\$3,548,160.77
CLA14I02	Duck Creek, US 95 Branch	Closed	\$1,107,637.45
CLA14L02	Duck Creek, Phase II and Lower Pittman	Closed	\$13,651,024.74
CLA14R04	Duck Creek, Mountain Vista Street to Green Valley PKWY	Closed	\$707,824.31
CLA14S07	Duck Creek, Eldorado Lane to Spencer Street	Closed	\$6,139,169.42
CLA14U09	Duck Creek, Robindale to I-215	Closed	\$23,516.83
CLA14V10	Duck Creek, Mtn. Vista to Green Valley Parkway	Closed	\$8,976,052.51
CLA15B99	Colorado Avenue Storm Drain System	Closed	(\$41,517.92)
CLA15C09	Las Vegas Wash, Sloan Lane to Stewart Ave	Closed	\$193,555.23
CLA15D12	LVW Sloan-Bonanza, Flam W below Nellis	Open	\$6,322,000.00
CLA16A98	Upr Duck Ck, Ctrl Duck Ck, Lwr Blue Diamond & Bird Sp/ROW	Closed	\$2,226,784.41
CLA16B00	Upr Duck, Ctrl Duck, Lower Blue Dia, & Bird Springs DB	Closed	\$1,363,624.69
CLA16F04	Lower Blue Diamond Detention Basin Collector Channel	Closed	\$8,060,995.11
CLA16G05	Blue Diamond Wash Wigwam, UPRR to Jones Boulevard	Closed	\$535,000.00
CLA16H06	Blue Dia Wash S Rainbow, Pebble - Raven & Wigwam - Ford	Closed	\$2,444,155.20
CLA16I07	Lower Blue Diamond Detention Basin Outfall	Closed	\$1,694,368.59
CLA16J07	Blue Diamond Wash Wigwam, Jones Blvd to Rainbow	Closed	\$357,603.89
CLA16K07	Upper Duck Creek Detention Basin	Closed	\$3,000,000.00
CLA16O19	Blue Diamond Wash, Arville Street to I-15	Open	\$650,000.00
CLA16P21	Blue Diamond Channel, Amigo to Haven	Open	\$1,881,254.00
CLA17E04	Blue Diamond Channel, Rainbow Branch	Closed	\$1,495,409.16
CLA19A99	Red Rock Channel, Naples Branch	Closed	\$1,333,173.93
CLA19C02	Red Rock Channel, Naples Branch - Flamingo Connector	Closed	\$674,561.31
CLA20A99	Washington Collection System	Closed	\$69,701.68
CLA20B00	Washington Collection System	Closed	\$680,964.62
CLA21A00	Orchard Detention Basin	Open	\$1,949,700.00
CLA21B12	Orchard Detention Basin	Closed	\$4,929,886.35

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA22A00	Flamingo Diversion - Jones Branch	Closed	\$100,001.71
CLA22B03	Flamingo Diversion - Jones Branch	Closed	\$1,100,000.00
CLA26C08	Flam Div - South Buffalo Branch, Flamingo Wash to Patrick Lane	Closed	\$776,336.79
CLA27C08	Flamingo Diversion - Rainbow Branch	Closed	\$980,601.33
CLA28D18	Vandenberg North DB, Collection & Outfall, Phase I	Open	\$3,765,000.00
CLA35A11	Tropicana Avenue Conveyance, LVW to Mtn. Vista	Closed	\$249,789.19
CLA36A18	Jim McGaughey DB, Collection Basin and Outfall	Open	\$4,432,870.00
CLA38C20	Duck Creek Haven Street Storm Drain	Open	\$354,000.00
CLA38D20	Duck Creek Haven Street Storm Drain	Open	\$3,748,000.00
CLA38E20	Duck Creek - Jones Boulevard Storm Drain	Open	\$3,650,769.00
CLA38F20	Blue Diamond Channel 02, Decatur-Le Baron to Richmar	Open	\$1,918,488.00
CLA38G20	Blue Diamond Railroad Channel	Open	\$1,637,520.00
CLA39A19	Duck Creek/Blue Diamond, Bermuda Rd to LV Blvd	Open	\$453,000.00
CLA40A21	LVW-Branch 02-Monson Chnl-Jimmy Durante to Boulder Highway	Open	\$650,000.00
CLD02A11	Annie Oakley Drive at Rawhide Channel Storm Drain	Closed	\$84,203.00
CLD04A08	Twain at Pecos-McLeod Storm Drain	Closed	\$442,521.57
CLD07A07	Sunrise Area Storm Drain	Closed	\$914,982.31
CLD07B08	Carey Avenue Storm Drain	Closed	\$1,351,525.62
CLD07C10	Sunrise Ave. Storm Drain, Fogg St. to Clayton St.	Closed	\$154,935.40
CLD07D12	Toiyabe Street Storm Drain	Closed	\$0.00
CLD14A10	Tunis Ave and Karvel Street Storm Drain	Closed	\$189,391.53
CLD15A09	Olive Street Storm Drain, US-95 to Palm Street	Closed	\$800,286.13
CLD17A09	Las Vegas Blvd/Serene Ave Storm Drain	Closed	\$133,338.79
CLD19A17	Katie Avenue Storm Drain - Local Drainage Improvements	Closed	\$724,665.88
CLD20A12	Washington/Hollywood Storm Drain	Closed	\$259,862.20
CLD97A20	Craig Road SD-El Capitan to Fort Apache	Open	\$1,200,000.00
CLD98A06	Hickam Avenue Storm Drain	Closed	\$465,091.07
CLD99A05	Red Coach Ave/Cimarron Rd Improvements	Closed	\$388,200.00
			\$257,594,000.31

Clark County Outlying

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BUN01A90	Bunkerville Channel (aka Windmill Channel)	Closed	\$817,795.45
BUN01B98	Bunkerville Flood Control Improvements	Closed	\$5,734,536.80
BUN01C05	Windmill Wash Outfall	Closed	\$2,839,135.00
BUN01D11	Windmill Wash Detention Basin Expansion	Open	\$880,000.00
GSP01A88	Goodsprings Flood Control Improvements	Closed	\$72,275.84
GSP01B10	Goodsprings - Phase I	Open	\$83,400.00
IND01A98	Indian Springs Flood Control Improvements	Closed	\$579,193.24
LAU01A89	Unnamed Wash, Laughlin	Closed	\$349,995.99
LAU02A89	Hiko Springs, Laughlin	Closed	\$369,974.40
LAU02B92	Hiko Springs, Laughlin, Remap	Closed	\$8,000.00
LAU03A96	Hiko Springs Outfall Channel	Closed	\$7,771,291.25

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAU04A08	SR 163 at Casino Drive	Open	\$828,500.00
MOA01A89	Cooper Ave. Crossing - Moapa Valley	Closed	\$185,000.00
MOA01B89	Muddy River West Levee, Moapa Valley	Open	\$13,501,000.00
MOA01C06	Muddy River, Gubler Avenue Bridge	Closed	\$745,638.67
MOA01D07	Muddy River, Gubler Avenue Bridge	Closed	\$5,319,472.98
MOA01E08	Muddy River & Trib - Cooper Ave to Yamashita St	Closed	\$966,120.32
MOA01F10	Muddy River Logandale Levee	Closed	\$1,749,495.34
MOA01G11	Muddy River, Cooper Street Bridge	Closed	\$15,793,908.74
MOA01H15	Muddy River Logandale Levee	Closed	\$8,209,488.28
MOA02A89	Logan Wash (aka Benson), Moapa Valley	Closed	\$235,040.74
MOA02B92	Logan Wash Construction	Closed	\$3,510,528.60
MOA03A11	Fairgrounds Detention Basin and Outfall	Open	\$1,071,500.00
NEL01A88	Nelson Flood Control Improvements	Closed	\$2,961.95
SEA01A88	Searchlight Flood Control Improvements	Closed	\$861,099.97
SEA01B99	Searchlight Flood Control Improvements	Closed	\$5,500.00
SEA02A07	Searchlight - West, US-95	Closed	\$162,000.00
SEA02B19	Searchlight West - State Highway 164	Open	\$740,500.00
SEA03A09	Searchlight - South, Encinitas St Storm Drain	Closed	\$31,272.42
SEA03B17	Searchlight-South, Encinitas St. Storm Drain	Closed	\$2,052,208.21
			\$75,476,834.19

COE/Clark County

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
COEESCRO	COE Escrow Account	Closed	\$15,126,215.56
COEG194	COE General Project Information	Closed	\$97,744.28
COEG294	Tropicana & Flamingo Washes	Open	\$36,259,348.00
COETF	TROPFLAM-Haz Mat	Closed	\$280,550.00
			\$51,763,857.84

Henderson

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01A87	Pittman Wash Channel Design (Phases I, II, III)	Closed	\$533,554.14
HEN01B87	Warm Springs & Stephanie Street Bridges	Closed	\$1,660,108.81
HEN01C90	Pittman Wash Channel - Phase I Construction	Closed	\$2,744,110.10
HEN01F00	Pittman Wash Lower Reach	Closed	\$324,343.79
HEN01H09	Pittman Wash, Duck Creek at I-515	Closed	\$349,813.57
HEN01I14	Pittman Wash, Duck Creek at I-515	Closed	\$2,295,044.97
HEN02A89	Green Valley Parkway Bridge	Closed	\$1,128,513.78
HEN03A91	UPRR Channel	Closed	\$117,073.57
HEN04A91	C-1 Predesign / Mission Hills Design	Closed	\$1,009,074.06
HEN04B93	C-1 Channel / Lake Mead Dr. to Burkholder Design	Closed	\$173,333.98
HEN04E96	Mission Hills Western Interceptor Diversion	Closed	\$2,636,599.02
HEN04F97	Black Mountain Detention Basin	Closed	\$275,048.92
HEN04I98	C-1 Channel (Culvert) at Lake Mead	Closed	\$907,210.00
HEN04K99	Upper and Middle Reaches of the C-1 Channel	Closed	\$521,871.29
HEN04O09	C-1, Four Kids Wash - Lake Mead to Eagle Rock	Closed	\$22,905.46
HEN04P09	Racetrack Channel, Drake to Burkholder	Closed	\$76,414.93
HEN04Q15	Racetrack Channel, Drake to Burkholder	Closed	\$833,948.46

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN05A92	Sunset D B, Collection Sys, & Outfall (Pioneer DB)	Closed	\$3,749,294.23
HEN05C01	Pioneer Detention Basin	Closed	\$4,323,566.57
HEN05D09	Pioneer Detention Basin Expansion and Inflow	Closed	\$325,840.81
HEN05E09	Pittman, Horizon Ridge Detention Basin	Closed	\$785,441.55
HEN06A93	Equestrian Drive Detention Basin	Closed	\$388,624.49
HEN06B95	Equestrian Detention Basin	Closed	\$6,128,895.08
HEN06C02	Equestrian Detention Basin Outfall	Closed	\$681,288.27
HEN06D05	C-1 Equestrian Tributary	Closed	\$227,591.57
HEN06F08	C-1 Equestrian Tributary	Closed	\$2,711,795.15
HEN06G08	Equestrian Detention Basin Outfall - Heritage Channel	Closed	\$4,200,444.03
HEN06H09	Equestrian Detention Basin Expansion	Closed	\$335,247.64
HEN06IO9	Equestrian Tributary Phase II	Closed	\$405,636.14
HEN07A96	Pittman Park Detention Basin	Closed	\$1,546,249.59
HEN07B09	Pittman Wash, UPRR to Santiago	Closed	\$843,016.21
HEN07D09	Whitney Wash Channel	Closed	\$130,264.67
HEN07E11	Pittman Wash, UPRR to Santiago	Closed	\$8,796,470.83
HEN07F18	Whitney Ranch Channel Replacement Project	Open	\$934,549.00
HEN08A96	Railroad East Detention Basin	Closed	\$6,416,341.47
HEN08B08	Pittman Railroad East Conveyance	Closed	\$444,380.89
HEN08C08	Pittman Railroad East Conveyance	Closed	\$8,518,517.91
HEN09A99	Pittman East Detention Basin (collapse with HEN09A97)	Closed	\$119,918.19
HEN09B00	Pittman Eastern Detention Basin	Closed	\$6,099,436.41
HEN09D09	Pittman Seven Hills Park Channel	Closed	\$0.00
HEN10B99	South Pittman Detention Basin	Closed	\$3,202,101.72
HEN12A99	Gibson Channel at Sunset Road	Closed	\$40,125.00
HEN12B01	Gibson Channel Culvert at Sunset Road	Closed	\$364,211.76
HEN12C02	Gibson Conveyance System	Closed	\$237,718.78
HEN12F05	Pittman Gibson, Warm Springs Road to Kelso Dunes Avenue	Closed	\$10,000.00
HEN12GO6	Pittman Wash - Burns	Closed	\$4,251,084.08
HEN12H09	Pittman Burns, Sunset to Galleria	Closed	\$770,231.86
HEN12I09	Pittman, West Horizon - Palm Hills	Closed	\$249,028.80
HEN12K19	Pittman - Sunset, Galleria to Foster	Open	\$605,788.00
HEN13A00	Boulder Highway Channel	Closed	\$360,070.00
HEN14A00	Pittman Pecos West Conveyance & Eastern Ave Tributary	Closed	\$2,355,800.39
HEN14B06	Pittman Pecos West Conveyance & Eastern Ave Tributary	Closed	\$6,787,948.72
HEN15A00	Pittman Wash Railroad Channel	Closed	\$568,801.51
HEN16A01	Pittman North Detention Basin & Outfall	Open	\$2,264,514.00
HEN16D15	Pittman North Detention Basin and Outfall, Phase I	Closed	\$3,458,916.31
HEN16E15	Pittman North DB & Outfall, Phase II - Starr Avenue	Closed	\$1,865,136.31
HEN16F17	Pittman North Detention Basin & Outfall, Phase III	Open	\$25,700,000.00
HEN19B06	Northeast Detention Basin Outfall	Closed	\$337,852.88
HEN19C07	Northeast Detention Basin, Levee and Outfall	Closed	\$13,366,601.89
HEN21A05	Pittman Railroad, MacDonald Ranch Channel	Closed	\$253,025.49

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN21B08	Pittman Railroad, MacDonald Ranch Channel	Closed	\$2,025,749.22
HEN22A09	Anthem Pkwy Channel, Horizon Ridge to Sienna Heights	Closed	\$94,222.77
HEN23A09	Center Street Storm Drain	Closed	\$564,095.75
HEN24A11	Duck Creek, Sunset to Sandhill	Closed	\$535,983.84
HEN24B13	Duck Creek, Sunset to Sandhill	Closed	\$3,475,829.83
HEN25B19	Pittman Pabco - Boulder Highway Crossing	Open	\$1,454,530.00
HLD06B19	Chickasaw Storm Drain	Open	\$1,999,964.00
HLD15A06	Blackridge Road Storm Drain System	Closed	\$529,071.04
			\$151,450,183.50

Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS01A87	Angel Park Detention Basin Outflow Structure	Closed	\$397,978.73
LAS01B95	Angel Park Detention Basin Expansion	Closed	\$1,356,534.40
LAS01D09	Angel Park North - Detention Basin	Closed	\$597,382.00
LAS02A87	Buffalo Channel	Closed	\$4,167,183.73
LAS02B91	Buffalo Channel/Summerlin PKWY - Vegas Drive	Closed	\$126,491.20
LAS02C91	Buffalo Channel/Westcliff-Summerlin Pkwy	Closed	\$471,594.88
LAS02D92	Buffalo Channel/Doe Av.-Westcliff Dr	Closed	\$84,175.72
LAS02F93	Buffalo Channel / Doe-Westcliff	Closed	\$1,685,430.55
LAS03A89	Gowan Rd Detention System	Closed	\$195,685.16
LAS03B89	Gowan Detention Basin & Outfall	Closed	\$4,813,519.80
LAS03D98	Gowan South Detention Basin Expansion	Closed	\$126,398.42
LAS03E00	Gowan South DB Expansion	Closed	\$2,609,639.23
LAS04A87	Oakey Boulevard System	Closed	\$111,106.72
LAS04B90	Oakey BI System	Closed	\$631,418.63
LAS04C91	Oakey BI System/Decatur BI Crossing	Closed	\$35,000.00
LAS04E94	Oakey Conveyance Phase II	Closed	\$1,083,848.86
LAS05A87	Meadows Detention Basin	Closed	\$120,000.00
LAS05B87	Meadows Detention Basin	Closed	\$3,432,123.00
LAS05C00	Meadows Detention Basin Expansion (Resol 00-2)	Closed	\$150,000.00
LAS05D01	Meadows Detention Basin Expansion (Resol 01-3)	Closed	\$3,422,258.00
LAS05H08	Alta Parallel System	Closed	\$8,165,350.58
LAS05I08	Oakey-Meadows Storm Drain, Phase I	Closed	\$12,686,286.59
LAS05J10	Oakey Meadows Storm Drain-Phase II	Closed	\$9,822,984.14
LAS05L20	Meadows-Charleston SD, Essex to Lindell	Open	\$817,308.00
LAS05M20	Meadows Detention Basin Upgrade	Open	\$154,000.00
LAS06A87	Major Conveyance System West of I-15	Closed	\$229,005.59
LAS06B87	Major Conveyance System East of I-15	Closed	\$29,022.50
LAS06C93	Freeway Channel/Sahara - Ivanhoe	Closed	\$670,067.29
LAS07A89	Durango Storm Drain	Closed	\$596,059.22
LAS08A89	Carey Ave./Lake Mead Detention & Conveyance System	Closed	\$6,148,651.98
LAS09A89	Washington Ave. System	Closed	\$313,726.91
LAS09B91	Washington Ave. System/Sandhill-Bruce	Closed	\$497,000.00
LAS09D92	Washington Ave./Sandhill-Virgil	Closed	\$1,594,925.69
LAS09F93	Washington/Sagman-LV Creek Right-of-Way	Closed	\$245,428.78
LAS09G94	Washington Ave. / Lena-Eastern (LOMR)	Closed	\$4,643,824.92

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS09H94	Upper Washington Channel & Freeway Channel	Closed	\$1,206,684.74
LAS09I96	Washington/Eastern-Sagman	Closed	\$3,078,027.28
LAS09J97	Freeway Channel System - Alta Drive to UPRR	Closed	\$13,839,202.95
LAS09K97	Upper Washington Avenue - Sagman to Bonanza	Closed	\$4,421,963.25
LAS09L98	Freeway Channel - Alta Dr to Sahara Avenue	Closed	\$2,778,531.48
LAS09M98	Freeway Channel North/ Washington Avenue - Vegas Drive	Closed	\$257,916.45
LAS09O99	Freeway Channel - Alta Dr to Sahara Ave & Bypass Facility	Closed	(\$5,613.65)
LAS09P00	Freeway Channel - Alta to Sahara & Bypass Facilities (CM)	Closed	\$2,280,263.22
LAS09R01	Las Vegas Creek Channel - Parallel System at Decatur Blvd (Resol 01-4)	Closed	\$247,000.00
LAS09U05	Las Vegas Creek Channel - Parallel System	Closed	\$5,628,281.00
LAS09V05	Oakey Drain, Birch Street to Cahlan Drive	Closed	\$851,548.86
LAS09W08	Oakey Drain, Birch Street to Cahlan Drive	Closed	\$6,500,607.90
LAS09Y09	Oakey Drain - Cahlan Dr to Barnard Dr	Closed	\$370,483.19
LAS10A91	Gowan North Channel	Closed	\$110,000.00
LAS10B93	CAM-10 & Lone Mtn. Detention Basins Predesign	Closed	\$212,800.00
LAS10C94	Lone Mtn. Detention Basin	Closed	\$905,972.72
LAS10D95	Gowan North Channel - Gowan North Detention Basin	Closed	\$904,292.71
LAS10E97	Gowan North Channel - Gowan Detention Basin to Buffalo	Closed	\$3,150,210.59
LAS10F97	Gowan Outfall Lone Mtn Branch - Ferrell St to Kenny Way	Closed	\$111,327.87
LAS10H98	Gowan North Buffalo Branch (Chnl) - Atwood to Lone Mtn Rd	Closed	\$285,859.78
LAS10J98	Gowan North Chnl-Alexander Dr to Lone Mtn Rd & LM Outfall	Closed	\$651,405.16
LAS10K99	CAM 10 Detention Basin (aka Ann Road DB)	Closed	\$682,577.04
LAS10L99	Gowan North-Buffalo Branch	Closed	\$162,106.81
LAS10M00	Gowan North - Buffalo Branch (Gowan Road & Buckskin Ave)	Closed	\$608,179.39
LAS10N00	Gowan Outfall, Lone Mountain Branch (Allen Lane-Ferrell)	Closed	\$1,545,053.54
LAS10P00	Gowan/Lone Mountain System - Gilmore Channel (CM)	Closed	\$8,492.19
LAS10Q01	Gowan/Lone Mountain System - Gilmore Channel (Developer Participation)	Closed	\$1,383,723.00
LAS10R00	Gowan North - Buffalo Branch (Cheyenne Avenue to Lone Mtn Road)	Closed	\$2,462,085.23
LAS10Y05	Gowan Lone Mountain System - Cliff Shadows Park	Closed	\$1,549,850.67
LAS11A92	Rampart Storm Drain (Angel Park-Peccole 1)	Closed	\$44,809.03
LAS11B93	Rampart Storm Drain Construction	Closed	\$185,842.34
LAS12A92	Alta Storm Drain (Meadows V)	Closed	\$851,465.76
LAS13A92	Cheyenne Channel / Buffalo - Gowan Design	Closed	\$86,475.85
LAS13B94	Cheyenne Channel Crossings Developer Participation	Closed	\$709,000.00

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS13C93	Cheyenne Channel / Buffalo - Gowan	Closed	\$1,107,787.47
LAS14A95	Washington Avenue - I-15 to Martin Luther King	Closed	\$74,429.00
LAS14B00	Washington Avenue & Freeway Channel North	Closed	\$4,887,278.94
LAS14C11	Freeway Channel-Washington, MLK to Rancho Drive	Closed	\$1,025,545.29
LAS15A95	Oakey Storm Drain - I-15 to Decatur Blvd	Closed	\$391,238.42
LAS16A98	Ann Road Channel West/ Allen Lane - Rancho Drive	Closed	\$657,583.31
LAS16B99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	\$1,198,151.00
LAS16C99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	\$17,697.53
LAS16G07	Rancho Detention Basin, Phase II	Closed	\$3,953,168.82
LAS16H07	Rancho Drive System - El Campo Grande Storm Drain	Closed	\$4,634,244.76
LAS16I09	Ann Rd Channel West - Rainbow Blvd	Closed	\$475,475.33
LAS16J09	Rancho System - Beltway to Elkhorn	Closed	\$927,245.27
LAS16L11	Rancho Road System - Elkhorn, Ft Apache to Grand Canyon	Closed	\$394,023.05
LAS16M12	Ann Road Channel West - Rainbow Boulevard	Closed	\$3,474,459.19
LAS16N13	Rancho System - Beltway to Elkhorn Road	Closed	\$8,681,088.21
LAS16O13	Rancho Rd System-Elkhorn, Fort Apache to Grand Canyon	Closed	\$2,287,600.29
LAS16P15	Rancho Road System - Elkhorn, Grand Canyon to Hualapai	Closed	\$626,451.69
LAS16Q18	Rancho Road System-Elkhorn, Grand Canyon to Hualapai	Closed	\$4,772,370.59
LAS17A98	Las Vegas Wash/ Rancho Drive System (Peak Dr - Lake Mead)	Closed	\$419,095.42
LAS17D02	Las Vegas Wash - Rancho Drive System (Carey/Lake Mead DB to Peak Dr)	Closed	\$6,273,291.56
LAS17F07	Peak Drive System (Jones Blvd to Michael Way)	Closed	\$4,501,941.03
LAS18A98	Las Vegas Wsh/Smoke Ranch Sys: Peak Dr/Torrey Pines-Jones	Closed	\$147,617.92
LAS18B00	Las Vegas Wash - Smoke Ranch System (Peak Drive: Torrey Pines - Jones)	Closed	\$1,782,103.78
LAS19A99	Owens Avenue System: Rancho Drive to I-15	Closed	\$292,162.08
LAS19B01	Owens Avenue System (Rancho Drive to I-15)	Closed	\$4,430,278.94
LAS19D11	Vegas Dr Storm Drain - Rancho to Shadow Mountain	Closed	\$10,997,022.53
LAS19E20	Owens Ave System-Vegas SD, Shadow Mtn to Jones	Open	\$854,000.00
LAS20A00	Rancho Rd System: Durango to US-95 Interchange	Closed	\$448,364.70
LAS22B05	Las Vegas Wash - Jones Blvd, Elkhorn Rd to Farm Rd	Closed	\$92,244.72
LAS22C06	Las Vegas Wash - Elkhorn (Rainbow Blvd to Torrey Pines Drive)	Closed	\$274,272.89
LAS22D06	N & S Environ Enhancement Areas - Floyd Lamb Park	Closed	\$2,252,837.16
LAS22E06	Las Vegas Wash - Decatur Blvd (Centennial PKWY to Farm Road)	Closed	\$2,454,915.36

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS22F07	Las Vegas Wash - Rainbow (Elkhorn Road to Grand Teton Drive)	Closed	\$951,355.17
LAS22G07	Elkhorn Springs and Buffalo Storm Drain	Closed	\$280,782.51
LAS22H07	Las Vegas Wash - Elkhorn Rd, Rainbow Blvd to Torrey Pines Dr	Closed	\$6,561,592.06
LAS22I08	Las Vegas Wash - Decatur Blvd (Elkhorn Rd to Farm Rd)	Closed	\$2,950,783.84
LAS22J08	Las Vegas Wash - Jones Blvd, Elkhorn to Farm	Closed	\$1,683,390.48
LAS22K08	LVW - Grand Teton, Mountain Spa to Durango Drive	Closed	\$850,522.21
LAS22L08	LVW - Grand Teton, Buffalo Drive to Durango Drive	Closed	\$172,513.02
LAS22R12	LVW-Grand Teton, Mountain Spa to Durango Drive	Closed	\$12,250,368.51
LAS22S13	Brent Drainage System-Floyd Lamb Park to Durango Drive	Closed	\$450,299.59
LAS22T15	Brent Drainage System - Floyd Lamb Park to Durango Drive	Closed	\$4,812,849.19
LAS22U19	Brent Drainage System-Durango to OHare Ave	Open	\$1,100,000.00
LAS23C08	Horse Drive Interchange	Closed	\$5,392,419.91
LAS23D13	Centennial Parkway Channel West - US95 Crossing	Closed	\$1,411,812.73
LAS23E13	Centennial Pkwy Channel West-CC 215, Pioneer Way to US95	Closed	\$818,649.59
LAS23F14	Centennial Parkway Channel West-CC215, Pioneer Way to US95	Open	\$13,259,884.00
LAS23G15	Centennial Parkway Channel West-US95, CC215 to Durango	Closed	\$1,048,786.02
LAS23H15	Centennial Parkway Channel West-US95, Durango to Grand Teton	Open	\$985,231.00
LAS23I17	Cent Pkwy Chnl West-US95, CC215 to Grand Teton, Kyle Cyn	Open	\$24,085,206.70
LAS23J21	Centennial Pkwy Channel West-Farm Rd, Oso Blanca to TeePee	Open	\$953,903.00
LAS24B06	Gowan North Channel - El Capitan Way to the Western Beltway	Closed	\$7,636,880.18
LAS24D06	Gowan Lone Mountain System - Branch 4	Closed	\$2,824,592.10
LAS24E07	Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard)	Closed	\$1,595,874.26
LAS24H13	Gowan North-Buffalo Branch,Lone Mtn to Washburn Rd	Closed	\$953,701.76
LAS24I15	Gowan Box Canyon - Lone Mountain Road	Closed	\$423,742.73
LAS24J15	Gowan North - El Capitan Branch, Lone Mountain to Ann Road	Closed	\$802,275.43
LAS24K17	Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd	Closed	\$8,180,517.28
LAS24L17	Gowan North - El Capitan Branch, Ann Road to Centennial Parkway	Open	\$861,670.00
LAS24M17	Gowan North-El Capitan Branch, Lone Mtn to Ann Rd.	Closed	\$8,839,320.65
LAS25B13	Cedar Avenue Channel Improvements	Closed	\$701,786.07
LAS25C20	Las Vegas Wash-Stewart, Las Vegas Wash to Lamb Blvd.	Open	\$1,675,190.00
LAS26A07	Grand Teton Overpass - Storm Drain	Closed	\$612,614.83
LAS26B08	Grand Teton Overpass - Storm Drain	Closed	\$1,936,755.45

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS26C13	Grand Teton - Hualapai to Tee Pee	Closed	\$401,560.15
LAS27A09	Boulder HWY Sahara Ave - Mojave Rd to Boulder HWY	Closed	\$411,967.68
LAS28B11	Oakey Drain - Cahlan to Barnard	Closed	\$5,372,969.90
LAS28C12	Las Vegas Wash - Sloan Channel to Cedar Avenue	Open	\$110,000.00
LAS29A10	Flamingo Wash, Boulder Highway North-Main Street	Closed	\$346,572.69
LAS29B15	Flamingo-Boulder HWY N-Boulder HWY Sahara to Charleston	Open	\$1,726,003.00
LAS29C16	Flamingo-Maryland-Bldr, Maryland Pky Sys	Open	\$2,888,829.00
LAS29D17	Flamingo-Boulder Hwy North, Charleston, Main to Maryland	Open	\$1,529,674.00
LAS29E18	Flamingo - Boulder Hwy North - Boulder Hwy, Sahara to Charleston	Open	\$30,664,139.00
LAS29F20	Flamingo-Boulder Hwy N Charleston-Maryland Pkwy System	Open	\$44,039,173.00
LAS30A13	Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard	Open	\$711,938.00
LAS31A17	LVW-Moccasin, Skye Canyon Park to Upper LVW	Open	\$120,000.00
LAS31B18	LVW - Moccasin, Skye Canyon Park to Upper LVW	Open	\$17,996,057.00
LAS32A21	LVW - Iron Mountain, Bradley to Decatur	Open	\$302,000.00
LLD04A03	Holmby Channel	Closed	\$621,698.68
LLD04B07	Oakey Boulevard & Tenaya Way Storm Drain	Closed	\$574,017.45
LLD05A08	Jones Blvd - Alta to Borden Storm Drain	Closed	\$716,389.74
LLD08A11	Lexington Street Storm Drain	Closed	\$926,610.34
LLD09A04	Bruce Street Storm Drain	Closed	\$431,221.89
LLD10A05	Jay Avenue Improvements	Closed	\$548,443.62
LLD10B13	Buckskin Avenue Storm Drain	Closed	\$1,010,515.08
LLD12A04	Brush Street Storm Drain	Closed	\$411,351.53
LLD13A02	Crystal Water Way, Lake South Dr to Desert Inn Rd	Closed	\$227,132.20
LLD18A02	Peak Drive, Rainbow Blvd to Torrey Pines Dr	Closed	\$371,781.85
LLD19A18	Luning Drive Storm Drain	Open	\$1,201,965.00
LLD99A09	Gilmore Ave - Decatur Blvd to Thom Blvd Storm Drain	Closed	\$410,867.01
NLV04L21	Gowan Outfall-Alexander-Decatur-Simmons, Simmons-Clayton	Open	\$33,988,550.00
			\$470,230,521.90

Mesquite

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
MES01A88	Town Wash Detention Basin (Right-of-Way)	Closed	\$9,600.50
MES01B89	Town Wash Detention Basin (Design & Construction)	Closed	\$660,000.00
MES01C02	Town Wash Conveyance, I-15 to Virgin River	Closed	\$977,665.86
MES01E17	Town Wash-Mesa Boulevard, El Dorado to Town Wash	Open	\$572,182.75
MES02A00	Abbott Wash Channel, I-15 to Virgin River	Closed	\$632,380.00
MES04A15	Virgin River Flood Wall	Open	\$1,433,903.00
			\$4,285,732.11

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

North Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLD14A15	Oak Island Drive Storm Drain	Closed	\$0.00
NLV01A87	Las Vegas Wash/I-15 to Pecos (Facility Study)	Closed	\$304,000.00
NLV01B87	Las Vegas Wash/Craig-Civic Center (King Charles)	Closed	\$2,415,411.73
NLV01C00	Upper Las Vegas Wash	Closed	\$2,590,459.93
NLV01E07	Tropical Parkway Channel East	Closed	\$1,161,535.61
NLV01G11	Ann Road Channel East, ULVW to Fifth Street	Closed	\$960,970.98
NLV01H13	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$302,073.21
NLV01J15	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$3,044,495.91
NLV02A87	W. Trib Las Vegas Wash/Craig -Alexander	Closed	\$1,268,170.85
NLV02B88	W. Trib Las Vegas Wash/Craig Ranch Golf Course-Craig	Closed	\$1,057,430.33
NLV03A88	West Range Wash Detention Basin (Facility Study)	Closed	\$273,068.12
NLV03B88	East Range Wash Detention Basin (Facility Study)	Closed	\$30,000.00
NLV03C91	West Range Wash Diversion Dike	Closed	\$339,338.71
NLV03E13	Hollywood System, Dunes South DB to Centennial Parkway	Open	\$2,706,972.00
NLV03F17	Range Wash - Ann Branch	Open	\$1,081,889.00
NLV03G17	Hollywood System, Centennial Pkwy-Speedway #2 DB	Open	\$1,586,850.00
NLV03H17	Hollywood System, Dunes S DB to Centennial Pkwy-Phase I	Closed	\$11,189,513.59
NLV03I18	Range Wash - Ann Branch, Phase I	Open	\$2,668,000.00
NLV04A89	Gowan Outfall Structure	Closed	\$13,373,572.56
NLV04B00	Gowan Outfall, Craig to Channel	Closed	\$301,821.67
NLV04C01	Gowan Outfall, Craig to Channel	Closed	\$1,566,299.84
NLV04F07	Simmons Street Drainage Improvements - Carey to Craig	Closed	\$2,110,016.45
NLV04G07	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$15,057,798.44
NLV04I11	Simmons Street - Phase II, Carey to Cheyenne	Closed	\$5,464,819.43
NLV04K17	Gowan Outfall, Alexander Rd - Decatur to Simmons Street	Open	\$1,931,156.00
NLV05A89	Upper Las Vegas Wash Detention Basin	Closed	\$1,342,892.36
NLV06A91	Kyle Detention Basin	Closed	\$601,126.71
NLV06B93	Kyle Detention Basin	Closed	\$8,452,713.96
NLV07A92	Camino Al Norte Culvert	Closed	\$86,191.00
NLV08A94	Lower Las Vegas Wash Detention Basin	Closed	\$2,650,037.50
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$3,316,222.35
NLV09A94	Range Wash Chnl W Trib/Confl DB-LV Blvd. + Vandenberg DB	Closed	\$2,299,092.06
NLV09C03	Range Wash - Lamb Blvd Storm Drain	Closed	\$337,143.54
NLV09D07	Range Wash - Lamb Blvd Storm Drain	Closed	\$5,733,340.83
NLV09E11	Vandenberg North Detention Basin & Outfall	Open	\$1,534,770.00
NLV09F13	Beltway Detention Basin and Channel	Closed	\$0.00
NLV09G13	Centennial Collector	Closed	\$50,086.74
NLV09I13	Beltway Detention Basin and Channel	Open	\$1,554,000.00

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Pay-As-You-Go Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV10A97	A - Channel/Lake Mead Blvd. - Alexander Road	Closed	\$1,822,067.69
NLV10B99	Cheyenne Peaking Basin	Closed	\$3,445,309.49
NLV10F02	Las Vegas Wash Main Branch, Cheyenne Avenue to Lake Mead Boulevard	Closed	\$353,900.87
NLV10H07	Las Vegas Wash - Lake Mead Blvd to Las Vegas Blvd	Closed	\$2,069,215.34
NLV10I09	Las Vegas Wash - Las Vegas Blvd to Cheyenne Ave	Closed	\$697,124.80
NLV10K11	LVW - LV Blvd to Cheyenne Avenue	Closed	\$6,382,656.86
NLV10L19	Las Vegas Wash Cartier Channel	Open	\$698,289.00
NLV10M21	Lake Mead SD, LVW to Civic Center	Open	\$1,070,020.00
NLV11A97	W. Trib Las Vegas Wash (Camino Al Norte to Ann Rd)	Closed	\$1,494,634.14
NLV11B97	W. Trib Las Vegas Wash, Ph II (Ann Rd to Centennial PKWY)	Closed	\$2,154,439.86
NLV12A97	Clayton Channel- WTLVW >Centennial PKWY> Allen Ln	Closed	\$40,408.90
NLV13A98	Tributary to the Western Tributary @ Craig Rd	Closed	\$801,419.92
NLV13B02	Tributary to the Western Tributary at Craig Road	Closed	\$5,443,730.21
NLV14A00	Tributary to the Western Tributary @ Alexander Rd	Closed	\$735,930.14
NLV15A00	Las Vegas Wash - Losee Project	Closed	\$87,613.81
NLV16A00	Simmons Street Channel	Closed	\$1,013,785.70
NLV17A00	Centennial Parkway Channel East	Closed	\$2,486,927.42
NLV17B08	Centennial Parkway Channel East	Closed	\$19,334,832.52
NLV17C16	Fifth Street Collector, Centennial Pkwy to Deer Springs Way	Open	\$726,079.00
NLV17D18	Fifth St Collector, Centennial Pkwy to Deer Spgs Way	Closed	\$4,716,057.46
NLV18A07	Colton Channel	Closed	\$1,175,047.77
NLV18B07	Brooks Channel	Closed	\$594,278.02
NLV18C07	Freeway Channel - Owens Avenue to Miller Avenue	Closed	\$1,528,308.05
NLV18D09	Freeway Channel - Owens Ave to Miller Ave, Phase I	Closed	\$4,389,989.00
NLV18E11	Freeway Channel - Owens Ave to Miller Avenue - Phase II	Closed	\$6,441,348.71
NLV18F13	Central Freeway Channel At Cheyenne	Closed	\$694,097.08
NLV18H14	Brooks Channel	Closed	\$4,689,970.93
NLV18I16	Central Freeway Channel at Cheyenne	Closed	\$9,663,354.07
NLV19A19	Carey-Lake Mead DB Outfall Modification	Open	\$115,000.00
			<u>\$185,609,118.17</u>
	Grand Total		<u>\$1,222,314,347.99</u>

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Bond Funding**

Boulder City

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$867,000.00
BOU01E19	Hemenway System, Phase IIB Improvements	Open	\$5,202,802.00
BOU04D02	West Airport Facilities	Closed	\$568,602.56
BOU04E03	Valley View, Red Mountain and DD Facilities	Closed	\$76,468.23
BOU04F05	Valley View and DD Facilities	Closed	\$632,017.12
BOU05D04	Veterans Memorial Detention Basin	Closed	\$3,236,343.92
BOU05E04	Yucca Debris Basin, Collection & Outfall	Closed	\$69,028.25
BOU05F04	Bootleg Canyon Facilities	Closed	\$365,646.88
BOU05I10	Yucca Debris Basin, Collection and Outfall	Closed	\$1,189,960.47
			\$12,207,869.43

Clark County

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA02F92	Rawhide Channel Improv/McLeod-Mtn Vista	Closed	\$2,678,784.24
CLA03E92	Van Buskirk Channel/ Phase III Construction	Closed	\$884,145.27
CLA03F92	Van Buskirk Channel/Phase V/Harmon-Harrison & Tropicana	Closed	\$1,318,316.18
CLA03G92	Van Buskirk Channel / Phase IV	Closed	\$949,302.79
CLA03H93	Van Buskirk Channel / Phases IIA & VI Construction	Closed	\$7,076,269.80
CLA04J03	Flamingo Wash, Algonquin Dr to Maryland Parkway	Closed	\$3,708,620.21
CLA04K03	Flamingo Wash, I-515 to Boulder Highway	Closed	\$4,358,838.58
CLA04L03	Lower Flamingo Detention Basin	Closed	\$1,078,896.68
CLA04T09	Lower Flamingo Detention Basin	Closed	\$3,387,621.44
CLA04W16	Flamingo Wash, Eastern Avenue	Closed	\$1,462,409.75
CLA06B93	Range Wash Confluence DB ROW & Construction	Closed	\$9,575,705.90
CLA07C03	Sloan Channel, Las Vegas Wash to Charleston	Closed	\$11,371,793.05
CLA08C98	Lower Duck Creek Detention Basin & Outfall Channel	Closed	\$12,823,423.07
CLA08T14	Duck Creek, Las Vegas Boulevard	Closed	\$6,981,477.12
CLA09B99	Durango Collector (Twain to Hacienda)	Closed	\$9,485,138.68
CLA10B99	Tropicana Wash, Paradise Road to Koval Lane	Closed	\$2,087,199.75
CLA10C03	Tropicana North Branch Detention Basin	Closed	\$3,763,800.00
CLA10E09	Tropicana North Branch Detention Basin	Closed	\$950,229.12
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	\$5,327,982.96
CLA13C98	Lakes DB Collection System	Closed	\$17,986,141.42
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephaine St)--ROWA	Closed	\$1,598,918.50
CLA14M03	Duck Creek, Broadbent Blvd Bridge and Channel	Closed	\$2,176,640.38
CLA14N03	Duck Creek, Broadbent Blvd to Boulder Highway	Closed	\$5,832,117.22
CLA14P03	Duck Creek, Eldorado Lane to Spencer Street	Closed	\$343,994.59
CLA14Q04	Duck Creek, Topaz Street to Eastern Avenue	Closed	\$2,119,552.08
CLA14W11	Duck Creek, Robindale to I-215	Closed	\$650,561.15
CLA15B99	Colorado Avenue Storm Drain System	Closed	\$15,259,421.39
CLA15E13	LVW-Sloan to Stewart-Flam Wash below Nellis	Open	\$84,184,000.00

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Bond Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA15F16	Las Vegas Wash - Water Reclamation Channel	Closed	\$3,400,000.00
CLA16L09	Lower Blue Diamond Detention Basin	Closed	\$2,581,701.25
CLA16M09	Blue Diamond Wash Wigwam, UPRR to Rainbow Blvd	Closed	\$5,067,171.04
CLA16N09	Blue Diamond Wash Wigwam, UPRR to Jones Blvd	Closed	\$0.00
CLA17A98	Blue Diamond Chnl/Durango Dr - Rainbow Blvd (Beltway 7B)	Closed	\$1,021,760.73
CLA17D04	Blue Diamond Channel - Jones Branch	Closed	\$641,602.04
CLA18A98	Red Rock Channel/Russell Rd - Hualapai Way	Closed	\$1,793,162.82
CLA19D03	Red Rock Channel, Naples Branch	Closed	\$9,885,005.24
CLA26D11	Flamingo Diversion-South Buffalo Branch, Flamingo Wash to Sunset Rd	Closed	\$7,030,263.37
CLA27D13	Flamingo Diversion - Rainbow Branch	Closed	\$9,654,169.07
CLA38B20	Silverado Ranch DB, Collection & Outfall	Open	\$26,000,000.00
			\$286,496,136.88

Clark County Outlying

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
IND01B04	Indian Springs Detention Basin	Closed	\$2,650,794.34
LAU01B92	Unnamed Wash, Laughlin	Closed	\$2,577,722.08
LAU02C94	Hiko Springs, Laughlin	Closed	\$1,200,000.00
LAU04B17	SR 163 at Casino Drive	Open	\$2,250,000.00
			\$8,678,516.42

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Bond Funding**

Henderson

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01D91	Pittman Wash Channel - Phase II Construction	Closed	\$2,071,148.80
HEN01E93	Pittman Wash Channel Phase IIIA Construction	Closed	\$776,682.83
HEN03B92	UPRR Channel Construction	Closed	\$2,149,477.47
HEN04C93	Mission Hills System Construction	Closed	\$5,503,671.37
HEN04D94	C-1 Channel / Lake Mead Dr. - Burkholder	Closed	\$3,398,432.50
HEN04E96	Mission Hills Western Interceptor Diversion	Closed	\$2,100,000.00
HEN04J99	Black Mountain Detention Basin & Outfall	Closed	\$5,233,184.00
HEN04L01	C-1 Chnl, Mdl & Upr Reaches-PhI: Burkholder - Boulder HWY	Closed	\$4,784,787.10
HEN04M03	C-1 Channel, Upper & Middle Reaches - Vermillion Dr - Boulder HWY	Closed	\$3,689,653.67
HEN05B98	Pioneer DB Outfall	Closed	\$2,952,988.96
HEN05F12	Pioneer Detention Basin Expansion and Inflow	Closed	\$1,330,852.11
HEN05G16	Horizon Ridge Detention Basin	Closed	\$6,784,863.71
HEN06J13	Equestrian Detention Basin Expansion	Closed	\$1,025,764.52
HEN06K13	Equestrian Tributary, Phase II	Closed	\$2,147,066.76
HEN07C11	Pittman Park Peaking Basin Modification	Closed	\$0.00
HEN07G20	Whitney Ranch Channel Replacement	Open	\$15,462,864.00
HEN12D03	Pittman Wash - Burns	Closed	\$257,326.75
HEN12E05	Gibson Conveyance System	Closed	\$2,164,571.54
HEN12J16	Palm Hills Channel	Closed	\$1,880,256.03
HEN13B03	Boulder Highway Channel	Closed	\$6,534,523.99
HEN15B02	Pittman Wash Railroad Channel, Phase I (Resol. No. 02-6)	Closed	\$1,989,679.32
HEN15C04	Pittman Wash Railroad Channel, US-95 to Major Avenue	Closed	\$5,537,919.81
HEN18A03	Drake Channel	Closed	\$75,265.32
HEN19A03	Northeast Detention Basin and Levee	Closed	\$1,134,804.61
HEN20B04	C-1 Channel, US-95 Tributary 1	Closed	\$1,522,849.50
HEN23B16	Center Street Storm Drain	Closed	\$8,266,384.95
HLD06A15	Appaloosa Storm Drain, Local Drainage Project	Closed	\$925,332.15
			\$89,700,351.77

Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS01E13	Angel Park Detention Basin Expansion	Closed	\$4,085,640.34
LAS02E92	Buffalo Channel/Summerlin Pkwy-Vegas Dr.	Closed	\$1,911,377.65
LAS03C91	Gowan Detention Basin	Closed	\$7,184,517.75
LAS04D92	Oakey Detention Basin & Conveyance	Closed	\$6,887,121.59
LAS05E03	Oakey - Meadows Storm Drain	Closed	\$5,221,885.40
LAS05F03	Alta Parallel System	Closed	\$2,093,934.39
LAS05K15	Oakey-Meadows Storm Drain, Phase III	Closed	\$24,265,142.63
LAS09C91	Washington Ave./Sandhill Outlet	Closed	\$1,496,312.93
LAS09E93	Washington Ave. / Virgil-Lena	Closed	\$2,862,675.33
LAS09N99	Upr Wash Ave Conv Sys, Ph II: Veterans Memorial Dr - UPRR	Closed	\$6,279,449.66

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Bond Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS09O99	Freeway Channel - Alta Dr to Sahara Ave & Bypass Facility	Closed	\$36,285,968.75
LAS09T04	Freeway Channel, Charleston Lateral	Closed	\$4,336,897.56
LAS10C94	Lone Mtn. Detention Basin	Closed	\$315,482.25
LAS10I98	Gowan North Channel, Ph II/Durango Dr	Closed	\$5,455,374.03
LAS10T02	Gowan North System - Ph III: Alexander Rd to Lone Mtn Rd	Closed	\$7,539,040.96
LAS10V03	GNC - Lone Mountain Road (El Capitan Way to the Western Beltway)	Closed	\$634,984.37
LAS10W04	Lone Mountain System, Lone Mtn DB Outfall to Durango	Closed	\$2,734,160.02
LAS10X05	Ann Road Detention Basin Facilities (CAM 10 DB)	Closed	\$9,317,720.04
LAS14D14	Freeway Channel-Washington, MLK to Rancho Drive	Closed	\$10,663,228.56
LAS16D01	Ann Road, Allen Lane to Rancho Drive	Closed	\$7,069,867.82
LAS16E04	Rancho Detention Basin, Phase II	Closed	\$464,510.86
LAS16F04	Rancho Road System (El Campo Grande Storm Drain)	Closed	\$573,652.99
LAS17E03	Peak Drive System (Jones Blvd to Michael Way)	Closed	\$456,338.90
LAS19C05	Owens Avenue System (Vegas Dr Storm Drain) - Michael Way to Rancho Drive	Closed	\$1,596,671.67
LAS21A03	Upper Las Vegas Wash Facility Study	Closed	\$243,392.60
LAS22A03	Decatur/Elkhorn/Rainbow System Predesign	Closed	\$368,594.70
LAS22M09	Las Vegas Wash - Rainbow (Elkhorn Rd to Grand Teton Dr)	Closed	\$7,696,565.04
LAS22N09	Las Vegas Wash - Decatur & Elkhorn, CC 215	Closed	\$25,788,320.03
LAS22O09	N & S Environ Enhancement Areas - Floyd Lamb Park	Closed	\$25,314,907.94
LAS22P09	Elkhorn Springs & Buffalo Storm Drain	Closed	\$1,567,520.54
LAS24F10	Gowan Outfall - Lone Mountain Branch (Rancho to Decatur)	Closed	\$10,109,824.95
LAS26D14	Grand Teton - Hualapai to Tee Pee	Closed	\$6,245,247.37
LAS28A10	Langtry Channel Bonanza to Washington Avenue	Closed	\$1,002,676.43
			\$228,069,006.05

Mesquite

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
MES01B89	Town Wash Detention Basin (Design & Construction)	Closed	\$3,692,545.65
MES01D10	Town Wash Conveyance, I-15 to the Virgin River	Closed	\$7,366,966.99
MES02B03	Abbott Wash Conveyance System, Pioneer Blvd to the Virgin River	Closed	\$10,625,472.16
			\$21,684,984.80

North Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV01D03	Upper Las Vegas Wash	Closed	\$31,132,709.75
NLV01F09	Tropical Parkway Channel East	Closed	\$5,900,026.83
NLV01I14	Ann Road Channel East, ULVW to Fifth Street	Closed	\$5,580,349.42

**Regional Flood Control District
Capital Improvement Projects - Cumulative Reporting
Bond Funding**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV03D93	West Range Wash Diversion Dike	Closed	\$2,251,608.79
NLV03J19	Hollywood System, Phase II, NAFB Reach	Open	\$19,921,851.00
NLV03K19	Range Wash - Ann Branch, Phase II	Open	\$7,697,245.00
NLV03L20	Hollywood System, Centennial Pkwy to Speedway #2 DB	Open	\$10,355,000.00
NLV04D04	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$1,179,589.48
NLV04H09	Simmons Street Drainage Improvements - Gowan Outfall	Closed	\$2,280,988.68
NLV04J14	Simmons Street Drainage Impvments-Alexander to Gowan Outfall	Closed	\$14,878,224.09
NLV05B92	Upper Las Vegas Wash Detention Basin Construction	Closed	\$8,010,318.87
NLV06B93	Kyle Detention Basin	Closed	\$5,037,000.00
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$4,433,240.98
NLV09B99	Vandenberg Detention Basin	Closed	\$5,347,006.76
NLV09H14	Centennial Collector	Closed	\$2,256,922.92
NLV09J19	Beltway Detention Basin, Collection and Outfall	Open	\$16,778,289.00
NLV09K19	Vandenberg North DB, Collection & Outfall, Phase II	Open	\$25,999,000.00
NLV10E03	"A" Channel Three Bridges Project (Cheyenne Ave, Las Vegas Blvd, and Carey Ave)	Closed	\$9,966,315.63
NLV10G03	Cheyenne Peaking Basin, Collection & Outfall - Alexander Rd to Cheyenne Ave	Closed	\$15,482,525.64
NLV10J10	LV Wash Main Branch-LV Blvd. to Lake Mead Blvd.	Closed	\$21,161,048.84
NLV11C98	W. Trib Las Vegas Wash Chnl, Ph I (Ann Rd - Clayton St)	Closed	\$7,898,144.87
NLV11D99	W. Trib Las Vegas Wash, Ph III (LLVWDB to Camino Al Norte)	Closed	\$2,499,963.56
NLV11E99	W. Trib of the Las Vegas Wash, Ph II (Ann to Centennial)	Closed	\$7,772,320.98
NLV14B03	Tributary to the Western Tributary @ Alexander Rd	Closed	\$7,636,332.88
NLV15B03	Las Vegas Wash - Losee Road	Closed	\$1,142,595.43
NLV16B03	Simmons Street Channel	Closed	\$4,885,102.93
NLV18G14	Colton Avenue Flood Control Improvements	Closed	\$6,811,918.64
			\$254,295,640.97
		Grand Total	\$901,132,506.32

2020-2021 PROJECTS FUNDED SUMMARY

Facility Description	Project Number	Project Scope (1)	Year-1 Programmed (2)	Year-2/Year-3 Programmed (2)/(3)	Funding Amount (4)	Approval Date	Item #
HENDERSON (Southeast Las Vegas Valley)							
Galleria to Sunset		Construction	1,463,860.00	0.00	0.00		
Anthem Parkway Channel - Horizon Ridge to Siena Heights	HEN22B21	Design	124,303.00	0.00	124,303.00	6/10/2021	
Whitney Ranch Channel Replacement	HEN07G20	Construction	0.00	15,462,864.00	15,462,864.00	11/12/2020	15b
		Henderson Total	\$1,588,163.00	\$15,462,864.00	\$15,587,167.00		
HENDERSON 3-YEAR TOTALS:		PROJECTS PROGRAMMED	\$17,051,027.00				
		ESTIMATED RESOURCES	\$14,287,300.00				
		REMAINING RESOURCES	(\$1,299,867.00)				

LAS VEGAS (Central Las Vegas Valley)							
Lake Mead - Carey - Lake Mead Detention Basin Outfall		Construction	555,000.00	0.00	0.00		
Carey-Lake Mead Detention Basin Outfall Modification - 2nd Supplemental	NLV19A19	Pre-Design	15,000.00	0.00	15,000.00	2/11/2021	13
LVW - Moccasin, Skye Canyon Park to Upper LVW - 1st Supplemental	LAS31B18	Construction	2,602,475.00	0.00	2,602,475.00	7/9/2020	12a
Owens Avenue System - Vegas Storm Drain, Shadow Mountain to Jones	LAS19E20	Design	347,952.00	0.00	347,952.00	7/9/2020	11c
Owens Avenue System - Vegas Storm Drain, Shadow Mountain to Jones - 1st Supplemental	LAS19E20	Design	506,048.00	0.00	506,048.00	12/10/2020	12
Flamingo - Boulder Highway North, Charleston - Boulder Hwy to Maryland Pkwy and Maryland Pkwy System - 1st Supplemental	LAS29F20	Construction	8,360,160.00	0.00	8,360,160.00	1/14/2021	11
Flamingo - Boulder Highway North, Charleston - Boulder Hwy to Maryland Pkwy and Maryland Pkwy System - 2nd Supplemental	LAS29F20	Construction	(5,349,816.00)	0.00	(5,349,816.00)	5/20/2021	11a
Meadows - Charleston Storm Drain, Essex to Lindell - Original	LAS05L20	Design	817,308.00	0.00	817,308.00	7/9/2020	11a
Las Vegas Wash - Stewart, Las Vegas Wash to Lamb Blvd	LAS25C20	Design	1,018,866.00	0.00	1,018,866.00	9/10/2020	16
Las Vegas Wash - Stewart, Las Vegas Wash to Lamb Blvd - 1st Supplemental	LAS25C20	Design	656,324.00	0.00	656,324.00	10/8/2020	13
Meadows Detention Basin Upgrade - Original	LAS05M20	Design	154,000.00	0.00	154,000.00	7/9/2020	11b
Brent Drainage System - Floyd Lamb Park to Durango Drive - Closeout	LAS22T15	Construction	(87,850.81)	0.00	(87,850.81)	9/10/2020	7
Rancho Road System-Elkhorn, Grand Canyon to Hualapai - Closeout	LAS16Q18	Construction	(413,389.41)	0.00	(413,389.41)	11/12/2020	7
Cedar Avenue Channel Improvements - Closeout	LAS25B13	Design	(129,702.93)	0.00	(129,702.93)	9/10/2020	7
Freeway Channel-Washington, MLK to Rancho Drive - Closeout	LAS14D14	Construction	(795,213.15)	0.00	(795,213.15)	7/9/2020	8
Freeway Channel-Washington, MLK to Rancho Drive - Amended Closeout	LAS14D14	Construction	(96,901.29)	0.00	(96,901.29)	4/8/2021	8
Freeway Channel-Washington, MLK to Rancho Drive - Closeout	LAS14C11	Design	(47,964.71)	0.00	(47,964.71)	7/9/2020	8
Gowan North-El Capitan Branch, Lone Mtn to Ann Rd - Closeout	LAS24M17	Construction	(791,279.35)	0.00	(791,279.35)	7/9/2020	8
Gowan North - El Capitan Branch, Lone Mountain to Ann Road - Closeout	LAS24J15	Design	(18,202.57)	0.00	(18,202.57)	7/9/2020	8
Brent Drainage System-Floyd Lamb Park to Durango Drive - Closeout	LAS22S13	Design	(83,065.41)	0.00	(83,065.41)	7/9/2020	8
Rancho Road System-Elkhorn, Grand Canyon to Hualapai - Closeout	LAS16P15	Design	(27,548.31)	0.00	(27,548.31)	4/8/2021	9
Gowan Box Canyon - Lone Mountain Road - Closeout	LAS24I15	Design	(280,257.27)	0.00	(280,257.27)	4/8/2021	9
Centennial Pkwy Channel West-CC 215, Pioneer Way to US95 - Closeout	LAS23E13	Design	(57,037.41)	0.00	(57,037.41)	4/8/2021	9
Centennial Parkway Channel West, CC215 to Durango Closeout	LAS23G15	Design	(212,684.98)	0.00	(212,684.98)	5/20/2021	7
Gowan Outfall - Alexander Rd, Decatur Boulevard to Simmons Street and Simmons Street to Clayton	NLV04L21	Construction	0.00	33,988,550.00	33,988,550.00	5/20/2021	14b
Gowan Outfall - El Capitan Branch, Ann Road to Centennial		Construction	0.00	7,219,112.00	0.00		
Gowan - Alexander Rd, Rancho to Decatur		Construction	0.00	5,367,968.00	0.00		
Brent Drainage System - Durango to Ohare		Construction	0.00	8,321,791.00	0.00		
Centennial Parkway Channel West - US95, CC215 to Grand Teton and US95 Crossing at Kyle Canyon Road - 4th Supplemental	LAS23I17	Construction	(2,340,014.30)	0.00	(2,340,014.30)	2/11/2021	15
Centennial Pkwy Channel West - Farm Road - Oso Blanca to Tee Pee	LAS23J21	Design	953,903.00	0.00	953,903.00	5/20/2021	12b
		Las Vegas Total	\$5,256,108.10	\$54,897,421.00	\$38,689,658.10		
LAS VEGAS 3-YEAR TOTALS:		PROJECTS PROGRAMMED	\$60,153,529.10				
		ESTIMATED RESOURCES	\$65,349,653.00				
		REMAINING RESOURCES	\$26,659,994.90				

2020-2021 PROJECTS FUNDED SUMMARY

Facility Description	Project Number	Project Scope (1)	Year-1 Programmed (2)	Year-2/Year-3 Programmed (2)/(3)	Funding Amount (4)	Approval Date	Item #
NORTH LAS VEGAS (Northern Las Vegas Valley)							
North Las Vegas Detention Basin Upgrade		Design	646,002.00	0.00	0.00		
Lake Mead Storm Drain, Las Vegas Wash to Civic Center	NLV10M21	Design	1,070,020.00	0.00	1,070,020.00	3/11/2021	12
Lake Mead Drain to Las Vegas Wash		Construction	0.00	7,819,743.00	0.00		
Las Vegas Wash Cartier Street		Construction	0.00	6,347,428.00	0.00		
Las Vegas Wash - Iron Mountain, Bradley to Decatur	LAS32A21	Design	302,000.00	0.00	302,000.00	5/20/2021	12a
Fifth St. Collector, Centennial Pkwy to Deer Spgs Way - Closeout	NLV17C16	Design	(306,102.57)	0.00	(306,102.57)	6/10/2021	
Fifth St. Collector, Centennial Pkwy to Deer Spgs Way - Closeout	NLV17D18	Construction	(699,942.54)	0.00	(699,942.54)	8/13/2020	7
Vandenberg North Detent on Basin, Collection & Outfall - Phase II - 1st Supplemental	NLV09K19	Construction	(4,500,000.00)	0.00	(4,500,000.00)	8/13/2020	15a
Orchard Collector - Charleston to Linden		Construction	0.00	6,939,465.00	0.00		
Jim McGaughey (Formerly Owens) Detention Basin & Outfall		Right-of-Way	800,000.00	0.00	0.00		
Jim McGaughey (Formerly Owens) Detention Basin & Outfall - 3rd Supplemental	CLA36A18	Design	1,050,000.00	0.00	1,050,000.00	10/8/2020	12
Hollywood System, Centennial Parkway to Speedway #2 DB	NLV03L20	Construction	10,355,000.00	0.00	10,355,000.00	9/10/2020	17b
Beltway Detention Basin Collection and Outfall - 1st Supplemental	NLV09J19	Construction	585,363.00	0.00	585,363.00	7/9/2020	10c
Beltway Detention Basin and Channel - 4th Supplemental	NLV09I13	Design	90,000.00	0.00	90,000.00	7/9/2020	12b
Orchard Detention Basin - 14th Supplemental	CLA21A00	Design	150,000.00	0.00	150,000.00	7/9/2020	10a
North Las Vegas Total			\$9,542,339.89	\$21,106,636.00	\$8,096,337.89		
NORTH LAS VEGAS 3-YEAR TOTALS:			PROJECTS PROGRAMMED	\$30,648,975.89			
			ESTIMATED RESOURCES	\$36,113,944.00			
			REMAINING RESOURCES	\$28,017,606.11			

CLARK COUNTY (Southwest Las Vegas Valley and Outlying Areas)							
Wagon Trail Channel - Sunset Road to Teco Avenue	CLA10J21	Construction	0.00	2,800,008.00	2,800,008.00	6/10/2021	
Flamingo Wash Maryland to Palos Verde		Construction	7,433,424.00	0.00	0.00		
Flamingo Wash McLeod Dr to Maryland PKWY - Closeout	CLA04E99	Design	(404,297.41)	0.00	(404,297.41)	4/8/2021	9
Airport Channel - Naples Channel and Peaking Basin		Construction	26,750,000.00	0.00	0.00		
Las Vegas Wash - Branch 02 - Monson Channel - Jimmy Durante to Boulder Highway	CLA40A21	Design	650,000.00	0.00	650,000.00	4/8/2021	13b
Las Vegas Wash - Branch 02 - Jimmy Durante to Nellis		Construction	0.00	6,733,463.00	0.00		
Tropicana Wash at Swenson Street - 6th Amended Closeout	CLA10G12	Construction	(328.97)	0.00	(328.97)	8/13/2020	8
Tropicana Wash at Swenson Street - 7th Amended Closeout	CLA10G12	Construction	(657.94)	0.00	(657.94)	12/10/2020	7
Tropicana Wash at Swenson Street - 8th Amended Closeout	CLA10G12	Construction	(1,198.79)	0.00	(1,198.79)	3/11/2021	7
Tropicana Wash at Swenson Street - 9th Amended Closeout	CLA10G12	Construction	(1,198.79)	0.00	(1,198.79)	6/10/2021	
Blue Diamond Wash - Arville Street to I-15 - 2nd Supplemental	CLA16C19	Design	15,000.00	0.00	15,000.00	8/13/2020	10
Blue Diamond Wash - Arville to I-15		Construction	5,670,638.00	0.00	0.00		
Duck Creek Haven Street Storm Drain - 1st Supplemental	CLA38D20	Construction	(1,368,417.00)	0.00	(1,368,417.00)	10/8/2020	11a
Duck Creek Las Vegas Boulevard - Closeout	CLA08R13	Design	(70,067.66)	0.00	(70,067.66)	8/13/2020	7
Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd. - 1st Supplemental	CLA39A19	Design	1,300,000.00	0.00	1,300,000.00	6/10/2021	
Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd		Construction	0.00	10,406,976.00	0.00		
Blue Diamond Channel, Amigo to Haven	CLA16P21	Design	806,244.00	0.00	806,244.00	4/8/2021	13a
Blue Diamond Channel, Amigo to Haven	CLA16P21	Right-of-Way	1,075,010.00	0.00	1,075,010.00	4/8/2021	13a
Blue Diamond Channel 02, Decatur - Le Baron Channel to Richmar - Phase 1 - Original	CLA38F20	Construction	1,918,488.00	0.00	1,918,488.00	8/13/2020	17b
Blue Diamond Channel 02, Decatur - Le Baron Channel to Richmar - Phase 2		Construction	1,581,512.00	0.00	0.00		
Blue Diamond Railroad Channel	CLA38G20	Design	936,400.00	0.00	936,400.00	10/8/2020	10
Blue Diamond Railroad Channel	CLA38G20	Right-of-Way	701,120.00	0.00	701,120.00	10/8/2020	10
Goodsprings - Phase I		Right-of-Way	370,002.00	0.00	0.00		
Goodsprings - Phase I		Construction	2,497,498.00	0.00	0.00		
Fairgrounds Detention Basin and Outfall - 6th Supplemental	MOA03A11	Design	60,000.00	0.00	60,000.00	7/9/2020	10b
Fairgrounds Detention Basin and Outfall	MOA03B21	Construction	13,796,500.00	0.00	13,796,500.00	6/10/2021	
Hiko Detention Basin Expansion		Design	206,614.00	0.00	0.00		
Searchlight-South, Encinitas St. Storm Drain - Closeout	SEA03B17	Construction	(477,791.79)	0.00	(477,791.79)	7/9/2020	8
Searchlight - West - State Hwy 164 - 1st Supplemental	SEA02B19	Design	240,500.00	0.00	240,500.00	1/14/2021	10
Searchlight - West - State Hwy 164		Construction	5,781,411.00	0.00	0.00		
Muddy River Logandale Levee - Closeout	MOA01F10	Design	(3,504.66)	0.00	(3,504.66)	9/10/2020	7
Windmill Wash Detention Basin Expansion and Jess Waite Levee Facilities (aka Windmill Wash Detention Basin Expansion) - 4th Supplemental	BUN01D11	Design	300,000.00	0.00	300,000.00	6/10/2021	
Jess Waite Wash Diversion Dike		Construction	0.00	1,597,382.00	0.00		
SR 163 at Casino Drive - 6th Supplemental	LAU04A08	Design	300,000.00	0.00	300,000.00	3/11/2021	13
Clark County Total			\$70,062,897.99	\$21,537,829.00	\$22,571,806.99		
CLARK COUNTY 3-YEAR TOTALS:			PROJECTS PROGRAMMED	\$91,600,726.99			
			ESTIMATED RESOURCES	\$100,289,644.00			
			REMAINING RESOURCES	\$77,717,837.01			

2020-2021 PROJECTS FUNDED SUMMARY

Facility Description	Project Number	Project Scope (1)	Year-1 Programmed (2)	Year-2/Year-3 Programmed (2)/(3)	Funding Amount (4)	Approval Date	Item #
CITY OF MESQUITE							
Town Wash - Mesa Boulevard, El Dorado to Town Wash		Construction	8,166,251.00	0.00	0.00		
Town Wash - Mesa Boulevard, El Dorado to Town Wash - 5th Supplemental	MES01E17	Right-of-Way	32,600.00	0.00	32,600.00	2/11/2021	14
<i>Town Wash - Mesa Boulevard, El Dorado to Town Wash - 6th Supplemental</i>	<i>MES01E17</i>	<i>Design</i>	<i>40,159.00</i>	<i>0.00</i>	<i>40,159.00</i>	<i>6/10/2021</i>	
City of Mesquite Total			\$8,239,010.00	\$0.00	\$72,759.00		
MESQUITE 3-YEAR TOTALS:		PROJECTS PROGRAMMED	\$8,239,010.00				
		ESTIMATED RESOURCES	\$14,272,313.00				
		REMAINING RESOURCES	\$14,199,554.00				

BOULDER CITY							
Hemenway System, Phase IIB Improvements - 2nd Supplemental	BOU01E19	Construction	533,766.00	0.00	533,766.00	2/11/2021	16
Hemenway System, Phase II Improvements - 9th Supplemental	BOU01C10	Design	190,500.00	0.00	190,500.00	3/11/2021	14
Boulder City Total			\$724,266.00	\$0.00	\$724,266.00		
BOULDER CITY 3-YEAR TOTALS:		PROJECTS PROGRAMMED	\$724,266.00				
		ESTIMATED RESOURCES	\$1,114,969.00				
		REMAINING RESOURCES	\$390,703.00				

SUMMARY	
TOTAL 3-YEAR PROJECTS PROGRAMMED⁽²⁾	
\$208,417,534.98	
TOTAL ESTIMATED RESOURCES (Year-1)	
\$161,335,939.00	
TOTAL REMAINING DESIGN PROJECTS (Year-1)	
\$852,616.00	
TOTAL PROJECTS FUNDED (Year-1)	
\$85,741,994.98	
CURRENT AVAILABLE CONSTRUCTION RESOURCES (Year-1)	
\$74,741,328.02	

LOCAL DRAINAGE (5)							
Craig Road Storm Drain - El Capitan to Fort Apache - Original	CLD97A20	Construction	1,200,000.00	0.00	1,200,000.00	7/9/2020	16
Buckskin Avenue Storm Drain - Closeout	LLD10B13	Construction	(189,484.92)	0.00	(189,484.92)	7/9/2020	8
Local Drainage Total			\$1,010,515.08	\$0.00	\$1,010,515.08		

- Notes
- (1) Construction typically includes Construction and/or Construction Administration. Design typically includes Predesign, Design, Right-of-way, Environmental, and/or Other.
 - (2) Includes amendments to the Ten-Year Construction Program.
 - (3) Year-2/Year-3 do not include design projects. Design projects are not eligible for acceleration.
 - (4) Action is being taken in current month on projects in bold/italics.
 - (5) Local Drainage projects are not part of the Ten-Year Construction Program.

ESTIMATED FUNDING SCHEDULE

Month-Year	Funding Requests Received			Estimated Resources for CIP		Priority Date	Notes
	Facility Description	Project #	Amount	Resources (1)	Available (1)		
	FISCAL YEAR 2020-21						
Jun-21	ESTIMATED REMAINING FISCAL YEAR CIP RESOURCES				\$47,478,909		
	Tropicana Wash at Swenson Street - 9th Amended Closeout	CLA10G12	-\$1,199		\$47,480,108		
	Fifth Street Collector, Centennial Pkwy to Deer Springs Way - Closeout	NLV17C16	-\$306,103		\$47,786,210		
	Anthem Parkway Channel, Horizon Ridge to Siena Heights - Original	HEN22B21	\$124,303		\$47,661,907		
	Town Wash - Mesa Boulevard, El Dorado to Town Wash - 6th Supplemental	MES01E17	\$40,159		\$47,621,748		
	Wagon Trail Channel - Sunset Road to Teco Avenue - Original	CLA10J21	\$2,800,008		\$44,821,740		
	Duck Creek/Blue Diamond, Bermuda Road to Las Vegas Boulevard - 1st Supplemental	CLA39A19	\$1,300,000		\$43,521,740		
	Fairgrounds Detention Basin and Outfall - Original	MOA03B21	\$13,796,500		\$29,725,240		
	Windmill Wash Detention Basin Expansion and Jess Waite Levee Facilities (aka Windmill Wash Detention Basin Expansion) - 4th Supplemental	BUN01D11	\$300,000		\$29,425,240		
	No Projects Awaiting Funding						

Notes: (1) Estimated CIP resources are from the FY2020-21 Ten-Year Construction Program and may be adjusted for current economic conditions.

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:
TEN-YEAR CONSTRUCTION PROGRAM AMENDMENTS
PETITIONER:
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
RECOMMENDATION OF PETITIONER:
ADOPT AMENDMENTS TO THE TEN-YEAR CONSTRUCTION PROGRAM (FOR POSSIBLE ACTION)

FISCAL IMPACT: None.

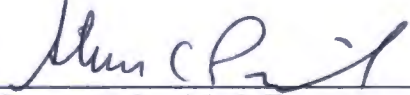
BACKGROUND: In accordance with Policies and Procedures Section II.B.9 general amendments can be processed to address scheduling changes and/or the need for additional funding. This agenda item addresses requested changes in funding, positive and negative, associated with this agenda as they impact the Ten-Year Construction Program (TYCP). Also included is a TYCP amendment request from the City of Henderson. Amendments to the TYCP are shown for:

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Tropicana Wash at Swenson Street (construction)	CLA10G12	Item #06 9 th Amended Closeout	\$ 0.00	(\$ 1,198.79)
Fifth Street Collector, Centennial Pkwy to Deer Springs Way (design)	NLV17C16	Item #07 Closeout	\$ 0.00	(\$ 306,102.57)
Anthem Parkway Channel – Horizon Ridge to Siena Heights	HEN22B21	Item #17 Original	\$ 0.00	\$ 124,303.00
Town Wash – Mesa Boulevard, El Dorado to Town Wash	MES01E17	Item #18 6 th Supplemental	\$ 0.00	\$ 40,159.00

TAC AGENDA ITEM #05 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #05 Date: 05/27/2021	

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Wagon Trail Channel – Sunset Road to Teco Avenue	CLA10J21	Item #20b Original	\$ 1,372,489.00	\$ 2,800,008.00
Duck Creek/Blue Diamond, Bermuda Road to Las Vegas Boulevard	CLA39A19	Item #19 1 st Supplemental	\$ 0.00	\$ 1,300,000.00
Fairgrounds Detention Basin and Outfall	MOA03B21	Item #21b Original	\$12,452,852.00	\$13,796,500.00
Windmill Wash Detention Basin Expansion and Jess Waite Levee Facilities (aka Windmill Wash Detention Basin Expansion)	BUN01D11	Item #16 4 th Supplemental	\$ 0.00	\$ 300,000.00

Respectfully submitted,


 Steven C. Parrish, P.E.
 General Manager/Chief Engineer

TAC AGENDA ITEM #05 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #05 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 05/18/2021
TEN YEAR CONSTRUCTION PROGRAM AMENDMENTS	
In accordance with Policies and Procedures Section II.B.9 general amendments can be processed to address scheduling changes and/or the need for additional funding. This agenda item addresses requested changes in funding, positive and negative, associated with this agenda as they impact the Ten-Year Construction Program (TYCP). Also included is a TYCP amendment request from the City of Henderson.	
Staff Recommendation:	
Approve.	
Discussion by Technical Advisory Committee:	AGENDA #05 Date: 05/27/2021
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA #05 Date: 05/27/2021
Recommendation:	

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT: TEN YEAR CONSTRUCTION PROGRAM AMENDMENT
PETITIONER: CITY OF HENDERSON
RECOMMENDATION OF PETITIONER: IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT ADOPT AMENDMENTS TO THE TEN YEAR CONSTRUCTION PROGRAM (FOR POSSIBLE ACTION)

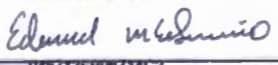
FISCAL IMPACT: None by this action.

BACKGROUND:

The City of Henderson requests the following changes to the current Ten Year Construction Program:

1. Anthem Parkway Channel – Horizon Ridge to Siena Heights (PTAP 0018) – Add Design to FY20/21 and add Construction and Construction Management to FY23/24.

Respectfully submitted,

DocuSigned by:

 Edward McGuire, P.E.
 Director of Public Works
 City of Henderson

TAC AGENDA ITEM #05 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #05 Date: 05/27/2021	

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM
Amended June 10, 2021

TOTAL PLAN	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2020 THRU 6/2025			Board Date	Amount	Amendment?	Project No.
				(Year 1) FY 20/21	(Year 2) FY 21/22	(Year 3) FY 22/23				
Unencumbered from previous year	\$116,468,698									
Annual Resources			\$807,616,793	\$44,867,242	\$36,485,860	\$38,282,034				
Cumulative Available Resources			\$760,468,087	\$65,923,153	\$63,524,698	\$22,316,375				
ENTITY RESOURCES			\$54,870,699	\$8,900,779	\$2,593,815	\$2,792,706				
Unencumbered from previous year	\$5,709,375			\$7,312,616	\$9,906,431	(\$2,763,727)				
Annual Resources										
Cumulative Available Resources										
ENTITY TOTAL	\$827,312,090	\$165,265,250	\$54,442,974	\$1,588,163	\$0	\$15,462,864		\$15,587,167		
HYDROGRAPHIC BASIN: PITTMAN	\$627,639,150	\$144,761,050	\$64,442,974	\$1,588,163	\$0	\$15,462,864		\$15,587,167		
SYSTEM: Pittman Burns	\$98,833,140	\$18,777,510	\$7,026,077	\$1,463,860	\$0	\$0		\$0		
PROJECT: Pittman Sunset, Burns to Foster										
Design/Admin	PTBH 0000, 0014, 0015	Design Started 19/20	\$980,240							
Right-of-way	PTBU 0034, 0037, 0087, 0089	HEN12K19	\$784,190							
Construction			\$4,901,200							
			\$5,562,217							
PROJECT: Galleria to Sunset										
Design/Admin	PTBU 0000, 0008, 0023, 0028, 0032		\$597,510							
Right-of-way			\$478,000							
Construction		Developer Participation	\$2,987,470							
			\$1,463,860							
SYSTEM: Pittman Beltway	\$292,465,180	\$29,666,080	\$1,276,829	\$124,303	\$0	\$0		\$124,303		
PROJECT: Anthem Parkway Channel - Horizon Ridge to Siena Heights										
Design/Admin	PTAP 0018	Design Started 20/21	\$203,110				6/10/2021	\$110,000	YES	HEN22B21
Right-of-way		HEN22B21	\$162,490				6/10/2021	\$14,303	YES	HEN22B21
Construction			\$1,015,560							
			\$1,276,829							
SYSTEM: Lower Pittman	\$196,101,500	\$38,939,280	\$15,462,864	\$0	\$0	\$15,462,864		\$15,462,864		
PROJECT: Whitney Ranch Channel Replacement Project										
Design/Admin	WWDC 0001, 0018, 0031, 0034, 0063, 0086, 0070	Design Started 18/19	\$1,162,130					\$500,000	No	HEN07G20
Right-of-way		HEN07F18	\$929,710							
Construction		Eng Est	\$5,810,680					\$14,962,864	No	HEN07G20
			\$15,462,864							
SYSTEM: Upper Pittman	\$39,658,020	\$51,885,240	\$30,677,204	\$0	\$0	\$0		\$0		
PROJECT: Southeast Pittman Detention Basin										
Design/Admin	PTBE 0062, 0063, 0064 & PTSO 0000		\$1,325,760							
Right-of-way			\$1,060,600							
Construction			\$6,628,770							
			\$8,237,341							
PROJECT: Pittman Gilesle										
Design/Admin	PTGL 0001, 0011		\$982,710							
Right-of-way			\$786,160							
Construction			\$4,913,530							
			\$7,264,104							
PROJECT: Pittman Wash South Phase 1 - Pittman North Detention Basin to Larson Lane										
Design/Admin	PTSD 0018, 0017, 0043		\$1,026,440							
Right-of-way			\$821,140							
Construction			\$5,132,170							
			\$7,866,457							
PROJECT: Southwest Pittman Detention Basin										
Design/Admin	PTSD 0233, 0234 & PTN2 0167		\$927,550							
Right-of-way			\$742,040							
Construction		Developer Design	\$4,637,790							
			\$6,280,281							

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
Amended June 10, 2021

TOTAL PLAN	Plan ID	Existing Value	Project Cost	Total	FIRST FIVE YEARS 2020 THRU 2024					SECOND FIVE YEARS 2025 THRU 2029					Pending Requests 20/21		
					(Year 1)	(Year 2)	(Year 3)	(Year 4)	(Year 5)	(Year 6)	(Year 7)	(Year 8)	(Year 9)	(Year 10)			
					FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030			
Annual Resources				\$807,616,793	\$44,867,342	\$38,465,880	\$39,262,034	\$134,299,728	\$37,953,476	\$41,055,630	\$137,237,980	\$40,616,962	\$44,190,649	\$134,598,028			
Cumulative Available Resources				\$780,468,087	\$85,923,153	\$83,524,698	\$22,316,315	\$24,442,507	\$33,548,479	\$34,703,613	\$81,248,434	\$19,179,773	\$51,377,059	\$47,148,706			
Unencumbered from previous year	\$110,499,658			\$174,162,181	\$17,792,515	\$8,822,405	\$9,494,964	\$32,691,518	\$8,192,375	\$9,932,903	\$33,202,820	\$9,826,773	\$10,669,463	\$31,561,266			
Annual Resources				\$807,616,793	\$8,250,175	\$10,725,212	\$5,464,968	\$7,161,583	\$12,598,899	\$9,785,559	\$11,368,054	\$5,386,101	\$16,065,564	\$9,427,920			
Cumulative Available Resources				\$164,724,271	\$9,542,340	\$8,347,428	\$14,759,208	\$30,964,903	\$3,745,069	\$16,766,242	\$27,699,826	\$15,799,226	\$0	\$39,200,040			
Board Date																	
Amount																	\$8,096,338
Amendment?																	
Project No																	
ENTITY RESOURCES																	
ENTITY TOTAL																	
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH		\$420,634,670	\$182,748,948	\$34,876,924	\$1,011,977	\$8,347,428	\$7,819,743	\$11,930,824	\$0	\$7,768,982	\$0	\$0	\$0	\$0			\$368,978
SYSTEM: LV Wash Craig		\$192,994,238	\$37,822,650	\$11,061,330	(\$8,043)	\$0	\$0	\$11,106,393	\$0	\$0	\$0	\$0	\$0	\$0			(\$764,648)
PROJECT: North Las Vegas Detention Basin Upgrade																	
Design/Adm			\$1,016,670					\$596,000									
Right-of-way			\$851,340														
Construction			\$5,983,950														
PROJECT: Fifth Street Collector - Centennial to Deer Springs																	
CLOSEOUT																	
Design/Adm																	
Right-of-way																	
Construction																	
PROJECT: Las Vegas Wash - Iron Mountain, Bradley to Decatur																	
Design/Adm																	
Right-of-way																	
Construction																	
SYSTEM: Cheyenne Lamb Neils																	
Design/Adm																	
Right-of-way																	
Construction																	
PROJECT: Lake Blvd Storm Drain, Las Vegas Wash to Civic Center																	
Design/Adm																	
Right-of-way																	
Construction																	
PROJECT: Las Vegas Boulevard Drain																	
Design/Adm																	
Right-of-way																	
Construction																	
PROJECT: Las Vegas Wash Carther Channel																	
Design/Adm																	
Right-of-way																	
Construction																	

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

Amended June 10, 2021

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2020 THRU 6/2025			Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 20/21	(Year 2) FY 21/22	(Year 3) FY 22/23				
TOTAL PLAN											
Unencumbered from previous year	\$116,468,698			\$807,616,793	\$44,867,242	\$38,465,880	\$39,262,034				
Cumulative Available Resources				\$760,468,087	\$85,923,153	\$63,524,698	\$22,316,375				
ENTITY RESOURCES											
Unencumbered from previous year	\$70,948,172			\$265,839,619	\$83,599,935	\$10,282,723	\$11,071,194				
Cumulative Available Resources					\$13,537,035	\$4,351,184	\$8,688,915				
ENTITY TOTAL		\$1,546,663,704	\$704,485,104	\$257,931,983	\$70,062,899	\$19,468,574	\$6,733,463		\$22,571,808		
HYDROGRAPHIC BASIN: Tropicana/ Flamingo		\$949,729,850	\$164,588,950	\$120,223,167	\$34,428,743	\$2,800,008	\$6,733,463		\$3,042,327		
SYSTEM: Tropicana Flamingo Project		\$484,469,310	\$23,344,000	\$15,483,722	\$0	\$0	\$0		\$0		
PROJECT: Blue Diamond - Buffalo Branch											
Design/Admin			\$1,617,240								
Right-of-way	BDBF 0010, 0078, 0125		\$1,293,800	\$11,987,673							
Construction			\$8,086,230								
PROJECT: Flamingo - Cimarron Branch											
Design/Admin			\$530,350								
Right-of-way	FLCM 0003		\$424,280	\$3,486,049							
Construction			\$2,651,760								
SYSTEM: Lower Flamingo		\$332,587,410	\$99,189,190	\$53,710,343	\$33,775,743	\$2,800,008	\$0		\$2,392,327		
PROJECT: Wagon Trail Channel - Sunset Road to Teco Avenue											
1st Supplement			\$251,650			\$300,000		6/10/2021	\$300,000	YES	CLA10J21
Design/Admin			\$201,320	\$2,800,008							
Right-of-way	WGTR 0111		\$1,258,240			\$2,500,008		6/10/2021	\$2,500,008	YES	CLA10J21
Construction											
PROJECT: Flamingo Wash, Maryland to Palos Verde											
Design/Admin			\$534,210		\$485,299						
Right-of-way	FLWA 0821 & 0873		\$427,380	\$7,433,424							
Construction			\$2,671,030		\$6,947,125						
Eng. Est.											
PROJECT: Flamingo Wash, McLeod Dr to Maryland PKWY											
CLOSEOUT			\$258,380		\$404,297			4/8/2021	(\$404,297)	YES	CLA04E99
Design/Admin	FLAG 0000,0020,0026,		\$206,700	(\$404,297)							
Right-of-way	FLSP0000, FLWA 0377 - 0593		\$1,291,880								
Construction											
Eng. Est.											
PROJECT: Flamingo Wash Maryland - UNLV											
Design/Admin			\$970,640								
Right-of-way	FLMR 0000		\$776,510	\$6,571,988							
Construction			\$4,653,190								
PROJECT: Airport Channel - Naples Channel and Peaking Basin											
Design/Admin			\$1,114,250		\$1,750,000						
Right-of-way	TRMC 0013, 0014, 0031, 0033		\$891,390	\$28,750,000							
Construction			\$5,571,230		\$25,000,000						
Eng. Est.											
PROJECT: Tropicana Wash at Swenson Street											
Design/Admin											
AMEND CLOSEOUT					(\$658)			12/10/2020	(\$658)	YES	CLA10G12
Construction					(\$129)			8/13/2020	(\$329)	YES	CLA10G12
AMEND CLOSEOUT					(\$1,199)			3/11/2021	(\$1,199)	YES	CLA10G12
Construction					(\$1,199)			6/10/2021	(\$1,199)	YES	CLA10G12
AMEND CLOSEOUT											
PROJECT: Vegas Valley Drive - Flamingo Wash to Burnham											
Design/Admin			\$1,353,250								
Right-of-way	VAVD 0000 & 0025		\$1,082,600	\$8,162,605							
Construction			\$6,766,280								
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.											
Design/Admin			\$77,760								
Right-of-way	FLWA 0893 & 0898		\$62,210	\$1,400,000							
Construction			\$388,790								
Eng. Est.											
SYSTEM: Lower LV Wash Tributaries		\$21,817,390	\$37,218,650	\$51,029,101	\$650,000	\$0	\$6,733,463		\$650,000		
PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista											
Design/Admin			\$872,830								
Right-of-way	LV01 0151, 0178		\$698,260	\$8,451,854							
Construction			\$4,364,110								
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy.											
Design/Admin			\$3,975,060								
Right-of-way	LV01 0001, 0038, 0080, 0118		\$3,180,860	\$19,585,790							
Construction			\$19,880,340								
Eng. Est. from CLA35A11											
PROJECT: Tropicana Avenue Conveyance - Boulder Hwy. to Morris											
Design/Admin			\$582,330								
Right-of-way	LV01 0135		\$465,860	\$4,179,147							
Construction			\$2,911,630								
PROJECT: Las Vegas Wash - Branch 02 - Jimmy Durante to Boulder Hwy											
Design/Admin			\$671,120		\$650,000			4/8/2021	\$650,000	YES	CLA0A21
Right-of-way	LV02 0208, 0273, 0282, 0294		\$538,890	\$7,383,463							
Construction			\$3,355,570								
Eng. Est.											
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Flamingo											
Design/Admin			\$1,925,880								
Right-of-way	LV02 0001, 0125, 0127		\$1,540,710	\$13,418,847							
Construction			\$8,629,450								

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
Amended June 10, 2021

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2020 THRU 6/2025			Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 20/21	(Year 2) FY 21/22	(Year 3) FY 22/23				
TOTAL PLAN				\$807,616,793	\$44,867,242	\$36,465,880	\$39,262,034				
Unencumbered from previous year	\$116,468,698			\$760,468,087	\$65,923,153	\$63,524,698	\$22,316,375				
ENTITY RESOURCES				\$265,839,619	\$83,599,935	\$10,282,723	\$11,071,194				
Unencumbered from previous year	\$70,948,172				\$13,537,035	\$4,351,184	\$8,688,915				
ENTITY TOTAL		\$1,546,663,704	\$704,485,104	\$257,931,983	\$70,062,899	\$19,468,574	\$6,733,463		\$22,571,808		
Funding Requests 2021											
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond		\$512,285,110	\$301,091,860	\$68,551,982	\$12,568,927	\$12,624,476	\$0		\$5,313,777		
SYSTEM: Blue Diamond Tributaries		\$76,756,840	\$81,719,030	\$26,888,708	\$8,866,892	\$10,408,976	\$0		\$3,196,254		
PROJECT: Blue Diamond Wash - Arville to I-15											
Design/Admin			Design Started 18/19	\$1,050,120		\$420,048					
2nd Supplement			CLA16O19		\$5,885,638	\$15,000		8/13/2020	\$15,000	YES	CLA16O19
Right-of-way	BOWA 0278			\$840,090							
Construction				\$5,250,590		\$5,250,590					
PROJECT: Duck Cr. / Blue Diamond, Bermuda Road to Las Vegas Blvd.											
1st Supplement			Design Started 18/19	\$991,380		\$1,300,000	\$400,518	8/10/2021	\$1,300,000	YES	CLA39A19
Right-of-way	DCBD 0075, 0082 & 0084		CLA39A19	\$793,100							
Construction				\$4,956,890			\$10,006,459				
PROJECT: Blue Diamond Channel, Amigo to Haven											
Design/Admin				\$1,343,740		\$808,244		4/8/2021	\$808,244	NO	CLA16P21
Right-of-way	BOWA 0087, 0111, 0113, 0137, 0139, 0174, 0175			\$1,075,010		\$1,075,010		4/8/2021	\$1,075,010	NO	CLA16P21
Construction				\$6,718,700							
SYSTEM: Upper Duck Creek		\$123,500,470	\$75,203,030	\$10,110,513	\$5,137,520	\$0	\$0		\$3,556,008		
PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar											
Design/Admin			RTC Project			\$139,928		8/13/2020	\$139,928	YES	CLA38F20
Right-of-way	BD02 0315		No Design	\$1,918,488							
Construction			Phase 1			\$1,778,560		8/13/2020	\$1,778,560	YES	CLA38F20
Design/Admin			Phase 2	\$1,581,512							
Construction	BD02 0330,0334					\$1,221,440					
PROJECT: Blue Diamond Railroad Channel											
Design/Admin			Design Started 20/21	\$876,400		\$936,400		10/9/2020	\$936,400	YES	CLA38G20
Right-of-way	BDW5 0028		CLA38G20	\$701,120		\$701,120		10/9/2020	\$701,120	YES	CLA38G20
Construction				\$4,382,000							
SYSTEM: Lower Duck Creek		\$176,428,900	\$39,736,410	\$22,981,246	\$0	\$2,217,499	\$0		\$0		
PROJECT: Duck Creek, Sunset Park											
Design/Admin				\$3,659,240			\$2,217,499				
Right-of-way	DCSP 0000, 0115			\$2,927,390							
Construction				\$18,296,170							
SYSTEM: Central Duck Creek		\$135,598,900	\$124,433,390	(\$1,438,485)	(\$1,438,485)	\$0	\$0		(\$1,438,485)		
PROJECT: Duck Creek Las Vegas Boulevard											
CLOSEOUT			Split with SID	\$1,278,400		(\$70,068)		8/13/2020	(\$70,068)	YES	CLA08R13
Design/Admin	DCLV 0000, 0004, 0010, 0059, 0097, 0172		Design Started 13/14	\$1,022,720							
Right-of-way			CLA08R13	\$6,392,000							
Construction											
PROJECT: Duck Creek Haven Street											
Design/Admin			RTC Project	\$841,440							
Design/Admin	DCHV 0028, 0050, 0057		CLA38C20	\$513,150		(\$1,368,417)		10/9/2020	(\$1,368,417)	YES	CLA38D20
1st Supplement				\$3,207,210							

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
Amended June 10, 2021

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2020 THRU 6/2025			Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 20/21	(Year 2) FY 21/22	(Year 3) FY 22/23				
TOTAL PLAN											
Unencumbered from previous year	\$116,468,698			\$807,616,793	\$44,887,242	\$38,465,860	\$39,282,034				
Cumulative Available Resources				\$760,468,087	\$65,923,153	\$63,524,698	\$22,316,375				
ENTITY RESOURCES											
Unencumbered from previous year	\$70,948,172			\$265,839,619	\$83,599,935	\$10,282,723	\$11,071,194				
Cumulative Available Resources					\$13,537,035	\$4,351,184	\$8,688,915				
ENTITY TOTAL											
		\$1,546,663,704	\$704,485,104	\$257,931,983	\$70,062,899	\$19,468,574	\$6,733,463		\$22,571,808		
HYDROGRAPHIC BASIN: Outlying Areas		\$84,648,744	\$238,804,294	\$79,166,834	\$23,071,230	\$4,044,090	\$0		\$14,215,704		
SYSTEM: Goodsprings		\$144,121	\$5,720,856	\$2,867,500	\$2,867,500	\$0	\$0		\$0		
PROJECT: Goodsprings - Phase I											
Design/Admin	GSPA 0000, 0018, 0019, 0027 & 0029	Design Started 09/10	\$462,501	\$2,867,500	\$185,000						
Right-of-way		GSP01B10	\$370,002		\$370,002						
Construction			\$2,312,498		\$2,312,498						
SYSTEM: Muddy River & Tributaries		\$25,323,000	\$118,662,000	\$49,704,351	\$13,852,995	\$2,446,708	\$0		\$13,852,995		
PROJECT: Fairgrounds Detention Basin and Outfall											
Design/Admin	FGWS 0000, 0030, 0070, 6th Supplement	Design Started 10/11	\$1,197,000	\$13,858,500	\$1,481,500		6/10/2021	\$1,481,500	YES	MOA03B21	
Right-of-way	MOA03A11		\$0		\$60,000		7/9/2020	\$60,000	YES	MOA03A11	
Construction	0075, 0105, 0128, 0164, 0165, 0166 & FGLS 0000	Eng. Est.	\$8,344,000		\$12,315,000		6/10/2021	\$12,315,000	YES	MOA03B21	
PROJECT: Muddy River Logandale Levee											
CLOSEOUT		Design Started 09/10	\$482,000	(\$3,505)	(\$3,505)		9/10/2020	(\$3,505)	YES	MOA01F10	
Right-of-way	MRL 0001, 0013, 0038	MOA01F10	\$0								
Construction			\$2,851,000								
PROJECT: Muddy River - Cooper to Yamashita											
Design/Admin		Design Started 88/89	\$1,267,000	\$15,781,578		\$977,950					
Right-of-way	MRLV 0395 thru 0508	MOA01B89	\$1,141,713			\$1,468,752					
Construction			\$9,261,000								
PROJECT: Ryan Avenue to Lewis											
Design/Admin	MRLV 0184, 0198, 0240, 0288, 0279	Design Started 88/89	\$1,565,000	\$20,069,777							
Right-of-way		MOA01B89	\$0								
Construction			\$11,196,000								
SYSTEM: Mount Charleston		\$24,198	\$1,587,384	\$1,725,565	\$0	\$0	\$0		\$0		
PROJECT: Rainbow Canyon Boulevard Bridge											
Design/Admin			\$233,439	\$1,725,565							
Right-of-way	MTCH 0001		\$186,751								
Construction			\$1,167,194								
SYSTEM: Laughlin		\$45,336,505	\$103,177,772	\$15,562,440	\$506,614	\$0	\$0		\$300,000		
PROJECT: Bridge Canyon Detention Basin											
Design/Admin			\$1,935,054	\$13,101,834							
Right-of-way	LUHS 0415, 0418, 0417		\$1,548,043								
Construction			\$9,675,262								
PROJECT: Hiko Detention Basin Expansion											
Design/Admin			\$344,358	\$2,160,608	\$206,614						
Right-of-way	LUHS 0244		\$275,485								
Construction			\$1,721,779								
PROJECT: SR 163 at Casino Drive											
6th Supplement	Design/Admin	LUHC 0000, 0001, 0005	Design Started 08/09	\$1,223,596	\$300,000	\$300,000	3/11/2021	\$300,000	YES	LAU04A08	
Right-of-way			LAU04A08	\$978,877							
Construction			Eng. Est.	\$6,117,987							
SYSTEM: Searchlight		\$3,608,566	\$6,697,676	\$7,399,595	\$5,544,120	\$0	\$0		(\$237,291)		
PROJECT: Searchlight - South, Encinitas St. Storm Drain											
Design/Admin	SR90 0000, 0010, 0021, 0030	Design Started 09/10	\$700,263	(\$477,791)							
Right-of-way		SEA03A09	\$560,211								
CLOSEOUT			\$3,501,306					7/9/2020	(\$477,791)	YES	SEA03B17
PROJECT: Searchlight - West - State Hwy 164											
Design/Admin		Design Started 19/20	\$700,263	\$6,021,911	\$280,105						
1st Supplement	Design/Admin	SRWE 0001, 0002, 0005 & 0023	\$580,211			\$240,500		1/14/2021	\$240,500	YES	SEA02B19
Right-of-way		SEA02B19	\$3,501,306								
PROJECT: Searchlight - West											
Design/Admin	SRWE 0040, 0098, 0091		\$298,545	\$1,868,478							
Right-of-way			\$206,836								
Construction			\$1,292,718								
SYSTEM: Bunkerville		\$10,212,354	\$2,958,606	\$1,897,382	\$300,000	\$1,597,382	\$0		\$300,000		
PROJECT: Windmill Wash Detention Basin and Jess Waite Levee Facilities											
4th Supplement	Design/Admin		Design Started 10/11	\$70,167	\$1,897,382	\$300,000		6/10/2021	\$300,000	YES	BUN01D11
Right-of-way	JEWA 0186		BUN01D11	\$0							
Construction			\$1,462,711				\$1,597,382				

EXHIBIT C

CITY OF MESQUITE
 10-YEAR CONSTRUCTION PROGRAM
 Amended June 10, 2021

	Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2020 THRU 6/2025								
					(Year 1) FY 20/21	(Year 2) FY 21/22	(Year 3) FY 22/23	Funding Requests 20/21					
TOTAL PLAN				\$807,616,793	\$44,887,242	\$36,485,860	\$39,262,034						
Unencumbered from previous year	\$116,468,698			\$760,468,087	\$65,923,153	\$63,524,698	\$22,316,375						
ENTITY RESOURCES				\$30,192,852	\$12,159,224	\$1,017,532	\$1,095,556						
Unencumbered from previous year	\$10,907,262				\$3,920,215	\$4,937,747	\$6,033,303						
ENTITY TOTAL		\$73,204,520	\$64,832,221	\$27,093,460	\$8,239,010	\$0	\$0					\$72,759	
HYDROGRAPHIC BASIN: Mesquite		\$73,204,520	\$64,832,221	\$27,093,460	\$8,239,010	\$0	\$0					\$72,759	
SYSTEM: Town Wash		\$31,271,987	\$20,342,184	\$17,210,451	\$8,239,010	\$0	\$0					\$72,759	
PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash													
Design/Admin				\$623,347			\$534,241						
5th Supplement Right-of-Way	TWMB 0000 thru 0044,		MES01E17	\$454,532			\$32,600		2/11/2021		\$32,600	YES	MES01E17
6th Supplement Design/Admin	TOWA 0120						\$40,159		8/10/2021		\$40,159	YES	MES01E17
Construction			Eng Cost Est	\$4,456,929			\$7,632,010						
PROJECT: Town Wash Mesa Boulevard, El Dorado to Chaparral													
Design/Admin				\$891,493									
Right-of-way	TWMB 0052, 0084, 0094			\$713,195									
Construction				\$6,374,180									
SYSTEM: Virgin River		\$0	\$20,376,880	\$9,883,009	\$0	\$0	\$0					\$0	
PROJECT: Virgin River Flood Wall													
Design/Admin				\$78,530									
Right-of-way	VREC 0000		Design started 15/16	\$62,823									
Construction			MES04A15	\$465,287									
			Eng Cost Est										
PROJECT: Virgin River Erosion Protection, Phase I													
Design/Admin				\$107,520									
Right-of-way	VREC 0203, 0323, 0508, 0519			\$926,240									
Construction				\$901,600									

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

TROPICANA WASH AT SWENSON STREET
NINTH AMENDMENT TO THE FINAL ACCOUNTING REPORT AND PROJECT
CLOSEOUT

PETITIONER:

STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER

RECOMMENDATION OF PETITIONER:

THAT THE BOARD ACCEPT THE NINTH AMENDMENT TO THE FINAL ACCOUNTING
REPORT AND PROJECT CLOSEOUT – CLA10G12 (FOR POSSIBLE ACTION)

FISCAL IMPACT: (\$1,198.79) – Fund 4430.000

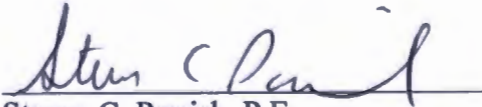
BACKGROUND:

On December 10, 2015, the Board took action to accept the final accounting report and closeout the interlocal contract for the Tropicana Wash at Swenson Street project.

It has been determined that the contractor on this project filed bankruptcy and owes Clark County \$12,915.04, and through court settlement, will be paid in four quarterly distributions, based on a pro rata share. It is estimated to take 8 to 10 years for full payment. Staff has confirmed that the refund is due to the project.

The District is requesting an amendment to the final accounting report and project closeout. Approval of this item by the Board of Directors will allow \$1,198.78 to be refunded to the District and applied to the Tropicana Wash at Swenson Street project and amend the final accounting report as stated.

Respectfully submitted,


Steven C. Parrish, P.E.
General Manager/Chief Engineer

TAC AGENDA ITEM #06 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #06 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 05/17/2021
<p>TROPICANA WASH AT SWENSON STREET NINTH AMENDMENT TO THE FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT – CLA10G12</p> <p>On December 10, 2015, the Board took action to accept the final accounting report and closeout the interlocal contract for the Tropicana Wash at Swenson Street project.</p> <p>It has been determined that the contractor on this project filed bankruptcy and owes Clark County \$12,915.04, and through court settlement, will be paid in four quarterly distributions, based on a pro rata share. It is estimated to take 8 to 10 years for full payment. Staff has confirmed that the refund is due to the project.</p> <p>The District is requesting an amendment to the final accounting report and project closeout. Approval of this item by the Board of Directors will allow \$1,198.79 to be refunded to the District and applied to the Tropicana Wash at Swenson Street project and amend the final accounting report as stated.</p>	
Staff Recommendation:	
Accept the ninth amendment to the final accounting report and project closeout.	
Discussion by Technical Advisory Committee:	AGENDA #06 Date: 05/27/2021
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA #06 Date: 05/27/2021
Recommendation:	

Clark County Regional Flood Control District
Final Accounting Report
Report Date 5/3/2021




Project: CLA10G12, Tropicana Wash at Swenson Street
Interlocal Value: \$7,077,596.00

Funding Category	Right of Way	Predesign	Design	Construction	Construction Mgt	Environmental	Entity Costs	Other
Interlocal Funding Allocation	\$0.00	\$0.00	\$0.00	\$5,839,720.53	\$1,237,875.47	\$0.00	\$0.00	\$0.00
Amount Spent by Category	\$0.00	\$0.00	\$0.00	\$5,838,521.74	\$1,237,875.47	\$0.00	\$0.00	\$0.00
Remaining by Category	\$0.00	\$0.00	\$0.00	\$1,198.79	\$0.00	\$0.00	\$0.00	\$0.00

<u>Funding / Expenditure Summary</u>	
Interlocal Agreement:	\$7,077,596.00
Minus Amount Spent:	\$7,076,397.21
Amount to be Returned for Future Use:	<u>\$1,198.79</u>

ID Miles: TRWA0016, TRWA0017, TRWA0018, TRWA0019, TRWA0033, TRWA0034, TRWA0040, TRWA0041

Concur:

5-11-21
 DATE

Accepted and Approved:

 DATE

Project Audit Report

Project: RF.CLA10G12, Tropicana Wash at Swenson Street

Status: Closed

5/3/2021

Purchase Order - none



<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
REGIONAL FLOOD CONTROL/TREAS	1013018959	06/30/2013	31,087.21	RF.CLA10G12.2-3 - CENG	2013	Manual AP - Doc 1514007384
REGIONAL FLOOD CONTROL/TREAS	1914001405	08/22/2013	(31,087.21)	RF.CLA10G12.2-3 - CENG	2014	Manual AP - Doc 1514007384
REGIONAL FLOOD CONTROL/TREAS	1014012086	06/30/2014	43,555.69	RF.CLA10G12.2-3 - CENG	2014	Manual AP - Doc 1515015122
REGIONAL FLOOD CONTROL/TREAS	1915001085	08/30/2014	(43,555.69)	RF.CLA10G12.2-3 - CENG	2015	Manual AP - Doc 1515015122
PUBLIC WORKS/CC TREAS	1514007384	07/26/2013	31,087.21	RF.CLA10G12.2-3 - CENG	2014	G C Wallace; 3113138194
PUBLIC WORKS/CC TREAS	1515031446	09/16/2014	33,867.47	RF.CLA10G12.2-3 - CENG	2015	HDR Engineering; 3115018424
PUBLIC WORKS/CC TREAS	1515050817	11/05/2014	23,777.25	RF.CLA10G12.2-3 - CENG	2015	HDR; 3115034668
PUBLIC WORKS/CC TREAS	1515061514	12/02/2014	11,779.25	RF.CLA10G12.2-3 - CENG	2015	HDR; 3115042422
PUBLIC WORKS/CC TREAS	1515079260	01/14/2015	1,942.85	RF.CLA10G12.2-3 - CENG	2015	HDR; 3115055879
PUBLIC WORKS/CC TREAS	1515143121	06/18/2015	1,785.62	RF.CLA10G12.2-3 - CENG	2015	HDR; 3115112552
PUBLIC WORKS/CC TREAS	1516039701	10/09/2015	296,458.46	RF.CLA10G12.2-3 - CENG	2016	CCPW Mapower; 1016002725
PUBLIC WORKS/CC TREAS	1514014450	08/23/2013	63,412.40	RF.CLA10G12.2-3 - CENG	2014	HDR Engineering; 3114010529
PUBLIC WORKS/CC TREAS	1514019345	09/12/2013	66,084.66	RF.CLA10G12.2-3 - CENG	2014	HDR Engineering; 3114016596
PUBLIC WORKS/CC TREAS	1514034475	11/01/2013	86,127.84	RF.CLA10G12.2-3 - CENG	2014	HDR Engineering; 3114034697
PUBLIC WORKS/CC TREAS	1514042299	12/03/2013	83,770.75	RF.CLA10G12.2-3 - CENG	2014	HDR; 3114043796
PUBLIC WORKS/CC TREAS	1514050256	01/02/2014	64,909.95	RF.CLA10G12.2-3 - CENG	2014	HDR; 3114052993
PUBLIC WORKS/CC TREAS	1514054396	01/16/2014	73,278.23	RF.CLA10G12.2-3 - CENG	2014	HDR Engineering; 3114058852
PUBLIC WORKS/CC TREAS	1514065205	02/20/2014	52,237.22	RF.CLA10G12.2-3 - CENG	2014	HDR Engineering; 3114071636
PUBLIC WORKS/CC TREAS	1514069951	03/10/2014	(52,237.22)	RF.CLA10G12.2-3 - CENG	2014	HDR Engineering; 3114071636
PUBLIC WORKS/CC TREAS	1514069952	03/10/2014	52,202.81	RF.CLA10G12.2-3 - CENG	2014	HDR Engineering; 3114077377
PUBLIC WORKS/CC TREAS	1514083534	04/22/2014	46,704.07	RF.CLA10G12.2-3 - CENG	2014	HDR; 3114092166
PUBLIC WORKS/CC TREAS	1514083535	04/22/2014	2,530.00	RF.CLA10G12.2-3 - CENG	2014	Kleinfelder; 3114092158
PUBLIC WORKS/CC TREAS	1514086937	05/02/2014	77,145.79	RF.CLA10G12.2-3 - CENG	2014	HDR; 3114096209
PUBLIC WORKS/CC TREAS	1514098424	06/02/2014	2,965.00	RF.CLA10G12.2-3 - CENG	2014	Kleinfelder; 3114106363
PUBLIC WORKS/CC TREAS	1514098431	06/02/2014	81,411.19	RF.CLA10G12.2-3 - CENG	2014	HDR; 3114108593
PUBLIC WORKS/CC TREAS	1514100266	06/06/2014	1,445.00	RF.CLA10G12.2-3 - CENG	2014	Kleinfelder; 3114108818
PUBLIC WORKS/CC TREAS	1514105714	06/19/2014	57,259.05	RF.CLA10G12.2-3 - CENG	2014	HDR; 3114113579
PUBLIC WORKS/CC TREAS	1515015122	08/05/2014	43,555.69	RF.CLA10G12.2-3 - CENG	2015	HDR; 3115004576
PUBLIC WORKS/CC TREAS	1515022295	08/25/2014	34,374.93	RF.CLA10G12.2-3 - CENG	2015	HDR; 3115011219
WBS Total			\$1,237,875.47			
REGIONAL FLOOD CONTROL/TREAS	1014012156	06/30/2014	122,713.87	RF.CLA10G12.3-1F - CONS	2014	Manual AP - Doc 1515026186
REGIONAL FLOOD CONTROL/TREAS	1915002042	09/19/2014	(122,713.87)	RF.CLA10G12.3-1F - CONS	2015	Manual AP - Doc 1515026186
REGIONAL FLOOD CONTROL/TREAS	1014012086	06/30/2014	156,512.29	RF.CLA10G12.3-1F - CONS	2014	Manual AP - Doc 1515010506
REGIONAL FLOOD CONTROL/TREAS	1915001085	08/30/2014	(156,512.29)	RF.CLA10G12.3-1F - CONS	2015	Manual AP - Doc 1515010506
REGIONAL FLOOD CONTROL/TREAS	1118001530	06/30/2018	(2,042.55)	RF.CLA10G12.3-1F - CONS	2018	AP Manual - Doc 1519019463
REGIONAL FLOOD CONTROL/TREAS	1119000255	08/27/2018	2,042.55	RF.CLA10G12.3-1F - CONS	2019	AP Manual - Doc 1519019463

Project Audit Report

Project: RF.CLA10G12, Tropicana Wash at Swenson Street

Status: Closed



5/3/2021

REGIONAL FLOOD CONTROL/TREAS	1119001581	06/30/2019	(328.97)	RF.CLA10G12.3-1F - CONS	2019	AP Manual - Doc 1520001786
REGIONAL FLOOD CONTROL/TREAS	1120000126	08/05/2019	328.97	RF.CLA10G12.3-1F - CONS	2020	AP Manual - Doc 1520001786
REGIONAL FLOOD CONTROL/TREAS	1120001681	06/30/2020	(328.97)	RF.CLA10G12.3-1F - CONS	2020	AP Manual - Doc 1521016463
REGIONAL FLOOD CONTROL/TREAS	1121000288	08/31/2020	328.97	RF.CLA10G12.3-1F - CONS	2021	AP Manual - Doc 1521016463
PUBLIC WORKS/CC TREAS	1521030590	09/29/2020	(328.97)	RF.CLA10G12.3-1F - CONS	2021	Capriati; 90255140
PUBLIC WORKS/CC TREAS	1521062772	12/29/2020	(1,198.79)	RF.CLA10G12.3-1F - CONS	2021	Capriati; 90256744
PUBLIC WORKS/CC TREAS	1521095956	04/01/2021	(1,198.79)	RF.CLA10G12.3-1F - CONS	2021	Capriati; 90258075
PUBLIC WORKS/CC TREAS	1520055454	11/19/2019	(328.97)	RF.CLA10G12.3-1F - CONS	2020	Reimbursement; Tropicana Wash at Swenson
PUBLIC WORKS/CC TREAS	1520063676	12/10/2019	(328.97)	RF.CLA10G12.3-1F - CONS	2020	Reimbursement; Tropicana Wash at Swenson
PUBLIC WORKS/CC TREAS	1520127498	05/27/2020	(328.97)	RF.CLA10G12.3-1F - CONS	2020	Reimbursement; Trop Wash at Swenson
PUBLIC WORKS/CC TREAS	1521016463	08/19/2020	(328.97)	RF.CLA10G12.3-1F - CONS	2021	Capriati; 90254246
PUBLIC WORKS/CC TREAS	1513049162	10/15/2012	1,285,833.00	RF.CLA10G12.3-1F - CONS	2013	NV Energy; 3113033756
PUBLIC WORKS/CC TREAS	1514012674	08/16/2013	81,440.07	RF.CLA10G12.3-1F - CONS	2014	Capriati Construction; 3114008142
PUBLIC WORKS/CC TREAS	1519076479	01/03/2019	(657.94)	RF.CLA10G12.3-1F - CONS	2019	Reimbursement; Tropicana Wash at Swenson
PUBLIC WORKS/CC TREAS	1519110340	03/28/2019	(328.97)	RF.CLA10G12.3-1F - CONS	2019	Reimbursement; Tropicana Wash at Swenson
PUBLIC WORKS/CC TREAS	1520001786	07/01/2019	(328.97)	RF.CLA10G12.3-1F - CONS	2020	Reimbursement; Tropicana Wash at Swenson
PUBLIC WORKS/CC TREAS	1515033284	09/22/2014	148,569.61	RF.CLA10G12.3-1F - CONS	2015	Capriati Construction; 3115020314
PUBLIC WORKS/CC TREAS	1515045541	10/21/2014	(3,884.16)	RF.CLA10G12.3-1F - CONS	2015	Capriati Construction; 311503385
PUBLIC WORKS/CC TREAS	1515111950	04/07/2015	119,364.57	RF.CLA10G12.3-1F - CONS	2015	Capriati; 3115085327
PUBLIC WORKS/CC TREAS	1515117024	04/17/2015	(174,000.00)	RF.CLA10G12.3-1F - CONS	2015	Capriati; 3115089317
PUBLIC WORKS/CC TREAS	1516039701	10/09/2015	56,569.52	RF.CLA10G12.3-1F - CONS	2016	CCPW Mapower; 1016002725
PUBLIC WORKS/CC TREAS	1519019463	08/20/2018	(2,042.55)	RF.CLA10G12.3-1F - CONS	2019	Reimbursement; Tropicana Wash at Swenson
PUBLIC WORKS/CC TREAS	1514021109	09/18/2013	144,043.87	RF.CLA10G12.3-1F - CONS	2014	Capriati Construction; 3114018759
PUBLIC WORKS/CC TREAS	1514030641	10/21/2013	443,201.31	RF.CLA10G12.3-1F - CONS	2014	Capriati Construction; 3114030612
PUBLIC WORKS/CC TREAS	1514040561	12/06/2013	24,340.00	RF.CLA10G12.3-1F - CONS	2014	NV Energy; 3114045631
PUBLIC WORKS/CC TREAS	1514042130	12/02/2013	649,283.28	RF.CLA10G12.3-1F - CONS	2014	Capriati Construction; 3114043212
PUBLIC WORKS/CC TREAS	1514050255	01/02/2014	571,715.87	RF.CLA10G12.3-1F - CONS	2014	Capriati Construction; 3114052957
PUBLIC WORKS/CC TREAS	1514060240	02/03/2014	246,754.55	RF.CLA10G12.3-1F - CONS	2014	Capriati Construction; 3114065142
PUBLIC WORKS/CC TREAS	1514066121	02/24/2014	752,712.11	RF.CLA10G12.3-1F - CONS	2014	Capriati Construction; 3114072905
PUBLIC WORKS/CC TREAS	1514074243	03/21/2014	305,473.17	RF.CLA10G12.3-1F - CONS	2014	Capriati Construction; 3114082207
PUBLIC WORKS/CC TREAS	1514087817	05/06/2014	402,651.99	RF.CLA10G12.3-1F - CONS	2014	Capriati Construction; 3114096851
PUBLIC WORKS/CC TREAS	1514098562	06/03/2014	478,814.45	RF.CLA10G12.3-1F - CONS	2014	Capriati; 3114106627
PUBLIC WORKS/CC TREAS	1515010506	07/23/2014	156,512.29	RF.CLA10G12.3-1F - CONS	2015	Capriati Construction; 3114122853
PUBLIC WORKS/CC TREAS	1515026186	09/03/2014	122,713.87	RF.CLA10G12.3-1F - CONS	2015	Capriati Construction; 3115013694
PUBLIC WORKS/CC TREAS	1515026194	09/03/2014	33,813.23	RF.CLA10G12.3-1F - CONS	2015	Capriati Construction; 3115013759

Project Audit Report

Project: RF.CLA10G12, Tropicana Wash at Swenson Street

Status: Closed

5/3/2021



WBS Total	<u>\$5,838,521.74</u>
Purchase Order Total	<u>\$7,076,397.21</u>
Project Expense Total	<u>\$7,076,397.21</u>

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:
FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT
PETITIONER: STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
RECOMMENDATION OF PETITIONER:
THAT THE BOARD ACCEPT THE FINAL ACCOUNTING REPORT AND CLOSE OUT THE INTERLOCAL CONTRACT (FOR POSSIBLE ACTION)

FISCAL IMPACT: \$306,102.57 Release in Fund 4430 and/or 4440

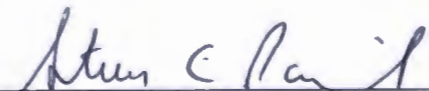
BACKGROUND:

Final accounting reports are routinely prepared for District-funded projects that have been completed. These reports represent an accurate accounting of the charges and the remaining balance for each project. Upon approval, no additional funds can be expended for the projects.

The final accounting report has been prepared by the District and approved by the corresponding entity for the following project:

PROJECT	NUMBER	FUND	BALANCE
Fifth Street Collector, Centennial Pkwy to Deer Springs Way (design)	NLV17C16	4430.000	\$306,102.57
Total Fund 4430 and/or 4440			\$306,102.57

Respectfully submitted,


 Steven C. Parrish P.E.
 General Manager/Chief Engineer

TAC AGENDA ITEM #07 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #07 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT

Final accounting reports are routinely prepared for District-funded projects that have been completed. These reports represent an accurate accounting of the charges and the remaining balance for each project. Upon approval, no additional funds can be expended for the projects.

The final accounting report has been prepared by the District and approved by the corresponding entity for the following project:

PROJECT	NUMBER	FUND	BALANCE
Fifth Street Collector, Centennial Pkwy to Deer Springs Way (design)	NLV17C16	4430.000	\$306,102.57
Total – Fund 4430 and/or 4440			\$306,102.57

Staff Recommendation:

Accept the final accounting report and close out the interlocal contract.

Discussion by Technical Advisory Committee:

AGENDA
#07 Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#07 Date: 05/27/2021

Recommendation:

Clark County Regional Flood Control District
Final Accounting Report
Report Date 4/20/2021



Project: NLV17C16, Fifth Street Collector, Centennial Pkwy to Deer Springs Way
Interlocal Value: \$726,079.00

Funding Category	Right of Way	Predesign	Design	Construction	Construction Mgt	Environmental	Entity Costs	Other
Interlocal Funding Allocation	\$259,088.00	\$0.00	\$456,991.00	\$0.00	\$0.00	\$10,000.00	\$0.00	\$0.00
Amount Spent by Category	\$11,422.40	\$0.00	\$408,554.03	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Remaining by Category	\$247,665.60	\$0.00	\$48,436.97	\$0.00	\$0.00	\$10,000.00	\$0.00	\$0.00

<u>Funding / Expenditure Summary</u>		
Interlocal Agreement:	\$726,079.00	✓
Minus Amount Spent:	\$419,976.43	✓
Amount to be Returned for Future Use:	<u>\$306,102.57</u>	✓

ID Miles: LV5C0000, LV5C0002

Concur:
E-SIGNED by Mike Hudgeons
on 05/06/2021 20:26:28 GMT

DATE

Accepted and Approved:

DATE

Project Audit Report

Project: RF.NLV17C16, Fifth Street Collector, Centennial Pkwy to Deer Springs Way

Status: Open

4/20/2021

Purchase Order - 4800007933 00010



<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
CITY OF NORTH LAS VEGAS	7960	01/12/2017	2,518.99	RF.NLV17C16.2-2D - DENG	2017	Period 10/29/16-12/23/16
CITY OF NORTH LAS VEGAS	8009	02/07/2017	2,687.34	RF.NLV17C16.2-2D - DENG	2017	Period 12/24/16-1/20/17
CITY OF NORTH LAS VEGAS	8065	03/16/2017	1,284.17	RF.NLV17C16.2-2D - DENG	2017	Period 1/21/17 - 2/03/17
CITY OF NORTH LAS VEGAS	8098	04/10/2017	6,480.54	RF.NLV17C16.2-2D - DENG	2017	Period 2/04/17-3/17/17
CITY OF NORTH LAS VEGAS	8175	05/01/2017	8,738.05	RF.NLV17C16.2-2D - DENG	2017	Period 3/18/17 - 4/14/17
CITY OF NORTH LAS VEGAS	8237A	06/07/2017	2,466.47	RF.NLV17C16.2-2D - DENG	2017	Period 4/15/17-5/26/17
CITY OF NORTH LAS VEGAS	8288A	07/11/2017	885.58	RF.NLV17C16.2-2D - DENG	2017	Period 5/27/17 - 6/23/17
CITY OF NORTH LAS VEGAS	8322	07/20/2017	501.88	RF.NLV17C16.2-2D - DENG	2018	Period 6/24/17 - 7/7/17
CITY OF NORTH LAS VEGAS	8411	08/28/2017	2,505.96	RF.NLV17C16.2-2D - DENG	2018	Period 7/8/17 - 8/18/17
CITY OF NORTH LAS VEGAS	8462	09/14/2017	946.91	RF.NLV17C16.2-2D - DENG	2018	Period 8/19/17 - 9/01/17
CITY OF NORTH LAS VEGAS	8561	11/09/2017	18,538.70	RF.NLV17C16.2-2D - DENG	2018	Period 7/29/17 - 10/27/17
CITY OF NORTH LAS VEGAS	8633	12/18/2017	1,865.71	RF.NLV17C16.2-2D - DENG	2018	Period 10/28/17 - 11/24/17
CITY OF NORTH LAS VEGAS	8681	01/22/2018	67,939.12	RF.NLV17C16.2-2D - DENG	2018	Period 10/28/17 -12/29/17
CITY OF NORTH LAS VEGAS	8730	02/20/2018	9,303.97	RF.NLV17C16.2-2D - DENG	2018	Period 12/23/17 - 1/19/18
CITY OF NORTH LAS VEGAS	8779A	03/14/2018	10,577.94	RF.NLV17C16.2-2D - DENG	2018	Period 1/20/18 - 3/02/18
CITY OF NORTH LAS VEGAS	8831	04/17/2018	18,376.50	RF.NLV17C16.2-2D - DENG	2018	Period 2/23/18 - 3/30/18
CITY OF NORTH LAS VEGAS	8918	05/15/2018	11,146.12	RF.NLV17C16.2-2D - DENG	2018	Period 3/31/18 - 4/27/18
CITY OF NORTH LAS VEGAS	8982	06/18/2018	52,163.61	RF.NLV17C16.2-2D - DENG	2018	Period 3/21/18 - 6/8/18
CITY OF NORTH LAS VEGAS	9027	07/11/2018	57,802.39	RF.NLV17C16.2-2D - DENG	2018	Period 5/25/18 - 6/30/18
CITY OF NORTH LAS VEGAS	9134	08/16/2018	1,525.88	RF.NLV17C16.2-2D - DENG	2019	Period 7/7/18 - 8/3/18
CITY OF NORTH LAS VEGAS	9178	09/17/2018	10,068.33	RF.NLV17C16.2-2D - DENG	2019	Period 7/27/18 - 8/31/18
CITY OF NORTH LAS VEGAS	9203	10/18/2018	12,299.81	RF.NLV17C16.2-2D - DENG	2019	Period 7/28/18 - 9/28/18
CITY OF NORTH LAS VEGAS	9260	11/19/2018	8,875.15	RF.NLV17C16.2-2D - DENG	2019	Period 9/01/18 - 10/12/18
CITY OF NORTH LAS VEGAS	9302	12/19/2018	2,371.28	RF.NLV17C16.2-2D - DENG	2019	Period 10/13/18 - 12/07/18
CITY OF NORTH LAS VEGAS	9322A	01/14/2019	22,309.42	RF.NLV17C16.2-2D - DENG	2019	NLV17C16
CITY OF NORTH LAS VEGAS	9365	02/14/2019	32,666.26	RF.NLV17C16.2-2D - DENG	2019	NLV17C16 FY18/19
CITY OF NORTH LAS VEGAS	9405A	03/14/2019	6,480.40	RF.NLV17C16.2-2D - DENG	2019	NLV17C16
CITY OF NORTH LAS VEGAS	9459	04/15/2019	7,129.50	RF.NLV17C16.2-2D - DENG	2019	NLV17C16
CITY OF NORTH LAS VEGAS	9499A	05/13/2019	4,012.09	RF.NLV17C16.2-2D - DENG	2019	NLV17C16 DENG
CITY OF NORTH LAS VEGAS	9554	06/12/2019	2,683.97	RF.NLV17C16.2-2D - DENG	2019	NLV17C16 DENG
CITY OF NORTH LAS VEGAS	9614	06/30/2019	4,540.84	RF.NLV17C16.2-2D - DENG	2019	PERIOD 05/25/2019-06/21/2019
CITY OF NORTH LAS VEGAS	9718A	06/30/2019	840.00	RF.NLV17C16.2-2D - DENG	2020	DENG
CITY OF NORTH LAS VEGAS	9053-B	07/23/2018	848.80	RF.NLV17C16.2-2D - DENG	2019	Period 6/23/18 - 7/6/18
CITY OF NORTH LAS VEGAS	9053-A	06/30/2018	32.41	RF.NLV17C16.2-2D - DENG	2019	Period 6/23/18 - 7/6/18
CITY OF NORTH LAS VEGAS	9819	10/15/2019	765.00	RF.NLV17C16.2-2D - DENG	2020	NLV17C16
CITY OF NORTH LAS VEGAS	8520	10/11/2017	1,857.22	RF.NLV17C16.2-2D - DENG	2018	Period 9/2/17 - 9/29/17

Project Audit Report

Project: RF.NLV17C16 Fifth Street Collector, Centennial Pkwy to Deer Springs Way

Status: Open

4/20/2021



CITY OF NORTH LAS VEGAS 10315A 06/18/2020 12,517.72 RF.NLV17C16.2-2D - DENG 2020 Period 2/28/20 - 3/13/20

WBS Total \$408,554.03

Purchase Order Total \$408,554.03

Purchase Order - 4800007933 00030

<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
CITY OF NORTH LAS VEGAS	8009	02/07/2017	1,387.74	RF.NLV17C16.1-1 - ROW	2017	Period 12/24/16-1/20/17
CITY OF NORTH LAS VEGAS	8065	03/16/2017	1,551.71	RF.NLV17C16.1-1 - ROW	2017	Period 1/21/17 - 2/03/17
CITY OF NORTH LAS VEGAS	8098	04/10/2017	3,013.04	RF.NLV17C16.1-1 - ROW	2017	Period 2/04/17-3/17/17
CITY OF NORTH LAS VEGAS	8175	05/01/2017	148.88	RF.NLV17C16.1-1 - ROW	2017	Period 3/18/17 - 4/14/17
CITY OF NORTH LAS VEGAS	8681	01/22/2018	902.39	RF.NLV17C16.1-1 - ROW	2018	Period 10/28/17 - 12/29/17
CITY OF NORTH LAS VEGAS	8918	05/15/2018	236.05	RF.NLV17C16.1-1 - ROW	2018	Period 3/31/18 - 4/27/18

WBS Total \$7,239.81

Purchase Order Total \$7,239.81

Purchase Order - 4800007933 00040

<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
CITY OF NORTH LAS VEGAS	9302	12/19/2018	1,482.66	RF.NLV17C16.1-2 - ROW	2019	Period 10/13/18 - 12/07/18
CITY OF NORTH LAS VEGAS	9405A	03/14/2019	1,346.98	RF.NLV17C16.1-2 - ROW	2019	NLV17C16
CITY OF NORTH LAS VEGAS	9459	04/15/2019	668.05	RF.NLV17C16.1-2 - ROW	2019	NLV17C16
CITY OF NORTH LAS VEGAS	9499A	05/13/2019	443.55	RF.NLV17C16.1-2 - ROW	2019	NLV17C16 ROW
CITY OF NORTH LAS VEGAS	9053-A	06/30/2018	241.35	RF.NLV17C16.1-2 - ROW	2019	Period 6/23/18 - 7/6/18

WBS Total \$4,182.59

Purchase Order Total \$4,182.59

Purchase Order - none

<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
REGIONAL FLOOD CONTROL/TREAS	1019004659	07/26/2018	(1,387.74)	RF.NLV17C16.1-1 - ROW	2019	NLV17C16-Change WBS
REGIONAL FLOOD CONTROL/TREAS	1019004659	07/26/2018	(1,551.71)	RF.NLV17C16.1-1 - ROW	2019	NLV17C16-Change WBS
REGIONAL FLOOD CONTROL/TREAS	1019004659	07/26/2018	(3,013.04)	RF.NLV17C16.1-1 - ROW	2019	NLV17C16-Change WBS
REGIONAL FLOOD CONTROL/TREAS	1019004659	07/26/2018	(148.88)	RF.NLV17C16.1-1 - ROW	2019	NLV17C16-Change WBS
REGIONAL FLOOD CONTROL/TREAS	1019004659	07/26/2018	(902.39)	RF.NLV17C16.1-1 - ROW	2019	NLV17C16-Change WBS
REGIONAL FLOOD CONTROL/TREAS	1019004659	07/26/2018	(236.05)	RF.NLV17C16.1-1 - ROW	2019	NLV17C16-Change WBS

WBS Total (\$7,239.81)

REGIONAL FLOOD CONTROL/TREAS	1118001478	06/30/2018	241.35	RF.NLV17C16.1-2 - ROW	2018	Manual AP - Doc 3119005098
REGIONAL FLOOD CONTROL/TREAS	1119000199	08/15/2018	(241.35)	RF.NLV17C16.1-2 - ROW	2019	Manual AP - Doc 3119005098

Project Audit Report

Project: RF.NLV17C16 Fifth Street Collector, Centennial Pkwy to Deer Springs Way

Status: Open



4/20/2021

REGIONAL FLOOD CONTROL/TREAS 1019004659	07/26/2018	1,387.74	RF.NLV17C16.1-2 - ROW	2019 NLV17C16-Change WBS
REGIONAL FLOOD CONTROL/TREAS 1019004659	07/26/2018	1,551.71	RF.NLV17C16.1-2 - ROW	2019 NLV17C16-Change WBS
REGIONAL FLOOD CONTROL/TREAS 1019004659	07/26/2018	3,013.04	RF.NLV17C16.1-2 - ROW	2019 NLV17C16-Change WBS
REGIONAL FLOOD CONTROL/TREAS 1019004659	07/26/2018	148.88	RF.NLV17C16.1-2 - ROW	2019 NLV17C16-Change WBS
REGIONAL FLOOD CONTROL/TREAS 1019004659	07/26/2018	902.39	RF.NLV17C16.1-2 - ROW	2019 NLV17C16-Change WBS
REGIONAL FLOOD CONTROL/TREAS 1019004659	07/26/2018	236.05	RF.NLV17C16.1-2 - ROW	2019 NLV17C16-Change WBS
		WBS Total	\$7,239.81	
REGIONAL FLOOD CONTROL/TREAS 1118001478	06/30/2018	32.41	RF.NLV17C16.2-2D - DENG	2018 Manual AP - Doc 3119005098
REGIONAL FLOOD CONTROL/TREAS 1119000199	08/15/2018	(32.41)	RF.NLV17C16.2-2D - DENG	2019 Manual AP - Doc 3119005098
REGIONAL FLOOD CONTROL/TREAS 1119001667	06/30/2019	840.00	RF.NLV17C16.2-2D - DENG	2019 Manual AP - Doc 3120010491
REGIONAL FLOOD CONTROL/TREAS 1120000228	08/26/2019	(840.00)	RF.NLV17C16.2-2D - DENG	2020 Manual AP - Doc 3120010491
		WBS Total	\$0.00	
		Purchase Order Total	\$0.00	
		Project Expense Total	\$419,976.43	

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:
MAINTENANCE WORK PROGRAM (MWP) – THIRD QUARTER FISCAL YEAR 2020-21 STATUS REPORTS
PETITIONER:
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
RECOMMENDATION OF PETITIONER:
RECEIVE THE MAINTENANCE WORK PROGRAM THIRD QUARTER FISCAL YEAR 2020-21 STATUS REPORTS AS SUBMITTED BY THE ENTITIES

FISCAL IMPACT: None.

BACKGROUND: In accordance with the Board’s direction, the entities have submitted the Second Quarter Status Reports for the FY 2020-21 Maintenance Work Program (MWP). The reports indicate the status of work completed under the program through March 31, 2021, although the figures below represent only those expenses which have been submitted to the District for payment.

Below is a summary, by entity, of the Third Quarter Maintenance Work Program expenditures and the funding balance available by each Interlocal Contract for Fiscal Year 2020-21.

	FY 2020-21 Budget	Amount Spent	Funds Available
Boulder City	\$ 451,000.00	\$ 157,256.18	\$ 293,743.82
Clark County	3,126,500.00	2,110,738.11	1,015,761.89
Henderson	3,651,831.00	2,345,321.79	1,306,509.21
Las Vegas	3,200,000.00	1,807,687.86	1,392,312.14
Mesquite	489,800.00	5,261.30	484,538.7
North Las Vegas	2,331,000.00	1,733,841.89	597,158.11
Totals	\$13,250,131.00	\$8,160,107.13	\$5,090,023.87

Respectfully submitted,


Steven C. Parrish, P.E.
General Manager/Chief Engineer

TAC AGENDA ITEM #08 Date: 05/27/2021	RFCD AGENDA ITEM #08 Date: 05/20/2021
CAC AGENDA ITEM #08 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/11/2021

**MAINTENANCE WORK PROGRAM
THIRD QUARTER FISCAL YEAR 2020-21 STATUS REPORTS**

In accordance with the Board's direction, the entities have submitted the Third Quarter Status Reports for the FY 2020-21 Maintenance Work Program (MWP). The reports indicate the status of work completed under the program through March 31, 2021, although the figures below represent only those expenses which have been submitted to the District for payment.

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Henderson	3,651,831.00	2,345,321.79	1,306,509.21
Las Vegas	3,200,000.00	1,807,687.86	1,392,312.14
Mesquite	489,800.00	5,261.30	484,538.7
North Las Vegas	2,331,000.00	1,733,841.89	597,158.11
Totals	\$13,250,131.00	\$8,160,107.13	\$5,090,023.87

Staff Recommendation:

Accept the reports.

Discussion by Technical Advisory Committee:

To be heard at the May 27, 2021 meeting.

AGENDA
#08 Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

To be heard at the May 27, 2021 meeting.

AGENDA
#08 Date: 05/27/2021

Recommendation:

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 QUARTERLY STATUS REPORT FY 2020-2021

MWP Facility #: BC01
 Facility Name: Hemenway Watershed

Entity: City of Boulder City
 Date Prepared: 4/6/2021
 Quarter: 3rd

MP Facility ID: HMFL - 0000, HMIKY - 0000, 0019, HMLM - 0000, 0001, 0002, 0003, 0025, 0027, 0040, 0044, 0064, 0065, 0066, 0077, 0081, 0082, 0085, 0096, HMLV - 0000, 0001, 0003, 0004, 0006, 0018, 0031, 0033, 0055, 0060, 0065, HMINH - 0000, 0001, HMPC - 0000, 0011, 0018, 0025, 0026, HMRB - 0000, HMTH - 0000, 0025, 0026, 0027, 0033, 0034, 0040, 0041, 0054, 0064, 0076, HMYL - 0000, 0001, 0002, 0003, 0004, 0015, 0022, 0027, 0028, 0030, 0041, 0042, 0058, 0064, 0065, 0066, 0074, 0088, HMIWA - 0000, 0004, 0012, 0013, 0068, 0069, 087, 0103, 0104, 0105, 0126, 0127, 0147, 0148, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0173, 0175, 0176, 0178, 0182, 0183, 0184, 0185, 0200, 0201, 0202, 0203

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	500.00	0.00	0%	Jun-21
	5 Inspect Channels	500.00	500.00	0.00	0%	Jun-21
	6 Inspect Levees/Detention and Debris Basins	500.00	500.00	0.00	0%	Jun-21
	8 Species Survey and Removal	0.00	0.00	0.00	#DIV/0!	Jun-21
	10 Clean and Reshape Channels/Levees	10,000.00	8,500.00	1,539.37	18%	Jun-21
	15 Repair Lined Channel	79,500.00	24,500.00	0.00	0%	Jun-21
	20 Erosion Control and Repair	1,300.00	2,800.00	2,463.79	88%	Jun-21
	21 Provide/Maintain Dust Control	500.00	500.00	0.00	0%	Jun-21
	25 Clean Detention Debris Basins	15,000.00	15,000.00	0.00	0%	Jun-21
	35 Fence Repair	1,000.00	1,000.00	229.84	23%	Jun-21
	40 Vegetation Control - Chemical	3,000.00	3,000.00	2,125.58	71%	Jun-21
	45 Vegetation Control - Mechanical	50,000.00	50,000.00	23,733.29	47%	Jun-21
	50 Maintain Access Road	2,000.00	2,000.00	0.00	0%	Jun-21
	55 Clean & Inspect Inlet/Outlet Structures	2,500.00	2,500.00	901.82	36%	Jun-21
	60 Repair Inlet/Outlet Structures	1,200.00	1,200.00	0.00	0%	Jun-21
	65 Clean Storm Sewer Lines	500.00	500.00	0.00	0%	Jun-21
	70 Storm Sewer Repair	0.00	0.00	0.00	#DIV/0!	Jun-21
	75 Clean/Flush Culverts & Bridges	5,000.00	5,000.00	0.00	0%	Jun-21
	80 Miscellaneous Work Activities	50,000.00	50,000.00	31,809.46	64%	Jun-21
	85 Engineering	15,000.00	15,000.00	0.00	0%	Jun-21
	90 Homeless Encampment Cleanup	2,000.00	2,000.00	0.00	0%	Jun-21
	TOTALS	\$240,000.00	\$185,000.00	\$62,803.16	34%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/
 Contractor: _____
 Project
 Manager: _____

Phone Number: 702-303-3008

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 QUARTERLY STATUS REPORT FY 2020-2021

MWP Facility #: BC02
 Facility Name: Georgia/Buchanan Watershed

Entity: City of Boulder City
 Date Prepared: 4/6/2021
 Quarter: 3rd

MP Facility ID: GBAP - 0000.0001.0002.0047.0048.0049.0087.0114. GBBC - 0001.0005.0015.0030.0031.0047.0048.0062.0063.0109.0110.0146.0149.0150.0152.0153.0155.0157.0172. GBCM - 0000.0001.0004.0011. GBGR - 0002.0036.0040.0100.0111.0112.0126.0130.0131.0188.0203.0215.0217

Force Account' Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	500.00	0.00	0%	Jun-21
	5 Inspect Channels	500.00	500.00	0.00	0%	Jun-21
	6 Inspect Levees/Detention and Debris Basins	0.00	0.00	0.00	#DIV/0!	Jun-21
	8 Species Survey and Removal	0.00	0.00	0.00	#DIV/0!	Jun-21
	10 Clean and Reshape Channels/Levees	5,000.00	5,000.00	417.40	8%	Jun-21
	15 Repair Lined Channel	60,150.00	36,150.00	0.00	0%	Jun-21
	20 Erosion Control and Repair	5,000.00	5,000.00	0.00	0%	Jun-21
	21 Provide/Maintain Dust Control	500.00	500.00	0.00	0%	Jun-21
	25 Clean Detention Debris Basins	0.00	0.00	0.00	#DIV/0!	Jun-21
	35 Fence Repair	1,000.00	1,000.00	0.00	0%	Jun-21
	40 Vegetation Control - Chemical	500.00	12,500.00	10,980.00	88%	Jun-21
	45 Vegetation Control - Mechanical	10,000.00	22,000.00	10,980.00	50%	Jun-21
	50 Maintain Access Road	850.00	850.00	0.00	0%	Jun-21
	55 Clean & Inspect Inlet/Outlet Structures	2,000.00	2,000.00	782.25	39%	Jun-21
	60 Repair Inlet/Outlet Structures	1,000.00	1,000.00	0.00	0%	Jun-21
	65 Clean Storm Sewer Lines	1,000.00	1,000.00	0.00	0%	Jun-21
	70 Storm Sewer Repair	1,000.00	1,000.00	0.00	0%	Jun-21
	75 Clean/Flush Culverts & Bridges	2,000.00	2,000.00	0.00	0%	Jun-21
	80 Miscellaneous Work Activities	2,000.00	2,000.00	0.00	0%	Jun-21
	85 Engineering	1,000.00	1,000.00	0.00	0%	Jun-21
	90 Homeless Encampment Cleanup	2,000.00	2,000.00	0.00	0%	Jun-21
	TOTALS	\$ 96,000.00	\$96,000.00	\$23,159.65	24%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant: _____
 Contractor: _____
 Project: _____
 Manager: _____ Phone Number: 702-303-3008

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 QUARTERLY STATUS REPORT FY 2020-2021

MWP Facility #. BC03
 Facility Name: North Railroad Watershed

Entity: City of Boulder City
 Date Prepared: 4/6/2021
 Quarter: 3rd

MP Facility ID. **NRBL** - 0000. 0091. 0092. 0093. 0094. 0095. 0096. **NRIN** - 0003. 0004. 0010. 0013. 0017. 0025. 0031. 0032. 0038.
 0040. 0044. 0052. 0053. 0054. 0055. 0056. 0057. 0062. 0063. 0064. 0065. 0066. 0067. 0068. 0069. 0070. 0071. 0074.
 0075. 0080. 0087. 0107. **NRRR** 0000. 0049. 0050. 0070. 0089. 0105

Force Account Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	450.00	450.00	0.00	0%	Jun-21
	5 Inspect Channels	500.00	500.00	0.00	0%	Jun-21
	6 Inspect Levees Detention and Debris Basins	1,000.00	1,000.00	0.00	0%	Jun-21
	8 Species Survey and Removal	0.00	0.00	0.00	#DIV/0!	Jun-21
	10 Clean and Reshape Channels/Levees	3,000.00	3,000.00	0.00	0%	Jun-21
	15 Repair Lined Channel	100.00	100.00	0.00	0%	Jun-21
	20 Erosion Control and Repair	5,850.00	5,850.00	0.00	0%	Jun-21
	21 Provide/Maintain Dust Control	100.00	100.00	0.00	0%	Jun-21
	25 Clean Detention Debris Basins	5,000.00	5,000.00	0.00	0%	Jun-21
	35 Fence Repair	5,000.00	5,000.00	0.00	0%	Jun-21
	40 Vegetation Control - Chemical	1,000.00	1,000.00	0.00	0%	Jun-21
	45 Vegetation Control - Mechanical	1,000.00	1,000.00	0.00	0%	Jun-21
	50 Maintain Access Road	1,000.00	1,000.00	0.00	0%	Jun-21
	55 Clean & Inspect Inlet/Outlet Structures	1,000.00	1,000.00	458.40	46%	Jun-21
	60 Repair Inlet Outlet Structures	500.00	500.00	0.00	0%	Jun-21
	65 Clean Storm Sewer Lines	1,000.00	1,000.00	0.00	0%	Jun-21
	70 Storm Sewer Repair	\$0.00	0.00	0.00	#DIV/0!	Jun-21
	75 Clean/Flush Culverts & Bridges	1,000.00	1,000.00	0.00	0%	Jun-21
	80 Miscellaneous Work Activities	2,000.00	57,000.00	55,102.50	97%	Jun-21
	85 Engineering	500.00	500.00	0.00	0%	Jun-21
	90 Homeless Encampment Cleanup	\$20,000.00	20,000.00	5,800.00	29%	Jun-21
TOTALS		\$50,000.00	105,000.00	\$61,360.90	58%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant / Contractor / Project / Manager: _____
 Phone Number: 702-303-3008

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 QUARTERLY STATUS REPORT FY 2020-2021

MWP Facility #: BC04
 Facility Name: West Airport Watershed

Entity: City of Boulder City
 Date Prepared: 4/6/2021
 Quarter: 3rd

MP Facility ID: WAAD - 0000. 0043. 0046. 0063. 0064. 0085. 0086. 0094. WAAP - 0111. 0171. WADD - 0167. WAGN - 0000. 0020. WAGR - 0000. 0034

Force Account Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	500.00	500.00	0.00	0%	Jun-21
	5 Inspect Channels	500.00	500.00	0.00	0%	Jun-21
	6 Inspect Levees/Detention and Debris Basins	0.00	0.00	0.00	#DIV/0!	Jun-21
	8 Species Survey and Removal	0.00	0.00	0.00	#DIV/0!	Jun-21
	10 Clean and Reshape Channels/Levees	500.00	6,500.00	6,297.33	97%	Jun-21
	15 Repair Lined Channel	50,000.00	39,000.00	0.00	0%	Jun-21
	20 Erosion Control and Repair	2,000.00	2,000.00	0.00	0%	Jun-21
	21 Provide/Maintain Dust Control	500.00	500.00	0.00	0%	Jun-21
	25 Clean Detention/Debris Basins	500.00	500.00	0.00	0%	Jun-21
	35 Fence Repair	500.00	500.00	0.00	0%	Jun-21
	40 Vegetation Control - Chemical	2,000.00	2,000.00	0.00	0%	Jun-21
	45 Vegetation Control - Mechanical	3,000.00	3,000.00	1,359.91	45%	Jun-21
	50 Maintain Access Road	500.00	500.00	0.00	0%	Jun-21
	55 Clean & Inspect Inlet/Outlet Structures	500.00	5,500.00	1,075.21	20%	Jun-21
	60 Repair Inlet/Outlet Structures	500.00	500.00	0.00	0%	Jun-21
	65 Clean Storm Sewer Lines	0.00	0.00	0.00	#DIV/0!	Jun-21
	70 Storm Sewer Repair	0.00	0.00	0.00	#DIV/0!	Jun-21
	75 Clean/Flush Culverts & Bridges	500.00	500.00	0.00	0%	Jun-21
	80 Miscellaneous Work Activities	500.00	500.00	0.00	0%	Jun-21
	85 Engineering	500.00	500.00	0.00	0%	Jun-21
	90 Homeless Encampment Cleanup	2,000.00	2,000.00	0.00	0%	Jun-21
	TOTALS	\$65,000.00	\$65,000.00	\$8,732.45	13%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/ Contractor/ Project Manager: _____
 Phone Number: 702-303-3008

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
QUARTERLY STATUS REPORT - FY 2020 - 2021**

MWP Facility #: CC 01
 Facility Name: Flamingo Wash
 MP Facility ID: F1FA 0000-0004 F2NB 0000-0048 F301 0000-0007
 MP Facility ID: F401 0000-0003 FLBF 0046-0328 FLBN 0001-0033 FLDI 0000-0105
 MP Facility ID: FLDN 0000-0160 FLDR 0000-0179 FLDS 0000-0750 FLF1 0000-0304
 MP Facility ID: FLF2 0000-0137 FLF3 0000-0198, FLF4 0000-0355 FLFA 0000-0037 FLCM 0000
 MP Facility ID: FLFL 0000-0147 FLHA 0000 FLJO 0000-0076 FLOQ 0000-0050 FLRB 0000-0062
 MP Facility ID: FLRO 0000 FLSE 0000-0128 FLSM 0000-0180 FLSP 0000 FLTR 0000-0347
 MP Facility ID: FLWA 0001-1443 RRWB 0000 RRFA 0000-0143 RRFC 0000 RRRH 0000-0129
 MP Facility ID: RRNA 0000-0097 RRNN 0000-0022 RRNS 0000-0010 RRR4 0000-0160

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00	\$0.00			
	5 Inspect Channels	\$20,000.00	\$15,000.00	\$12,412.25		
	6 Inspect Levees, Deten/Debris Basins	\$30,000.00	\$19,000.00	\$15,560.09		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$120,000.00	\$137,000.00	\$136,406.30		
	15 Repair Lined Channel	\$20,000.00	\$12,000.00	\$7,818.52		
	20 Erosion Control and Repair	\$5,000.00	\$24,500.00	\$24,149.50		
	21 Provide/Maintain Dust Control	\$5,000.00	\$10,000.00	\$9,409.60		
	25 Clean Detention/Debris Basins	\$145,000.00	\$7,000.00	\$5,657.61		
	35 Fence Repair	\$20,000.00	\$21,500.00	\$21,492.84		
	40 Vegetation Control - Chemical	\$20,000.00	\$35,000.00	\$34,518.65		
	45 Vegetation Control - Mechanical	\$33,500.00	\$3,500.00	\$2,001.20		
	50 Maintain Access Road	\$5,000.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$15,000.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$2,500.00	\$0.00			
	65 Clean Storm Sewer Lines	\$5,000.00	\$0.00			
	70 Storm Sewer Line Repair	\$5,000.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$4,000.00	\$0.00			
	80 Miscellaneous Work Activities	\$400,000.00	\$255,000.00	\$187,284.80		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$180,000.00	\$545,000.00	\$544,170.94		
	TOTALS	\$1,040,000.00	\$1,084,500.00	\$1,000,882.30	92%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Clean, Inspect & Repairs to 3 Detention/Debris Basins. General cleaning of channels
 Channel maintenance contract adjacent to beltway. Contract for the removal of silt from Red Rock Detention Basin.

Consultant/ Contractor: _____
 Project Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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MWP Facility #: CC 02
 Facility Name: Las Vegas Wash
 MP Facility ID: LVMD 0675-0169, 1355
 MP Facility ID: COLM 0000
 MP Facility ID: NLWY 0000-0030
 MP Facility ID: LV01 0000-0116
 MP Facility ID: LVCO 0000-0109
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$3,500.00	\$0.00			
	5 Inspect Channels	\$5,000.00	\$5,000.00	\$2,969.30		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00			
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$137,000.00	\$140,000.00	\$137,989.65		
	15 Repair Lined Channel	\$2,500.00	\$0.00			
	20 Erosion Control and Repair	\$45,000.00	\$0.00			
	21 Provide/Maintain Dust Control	\$0.00	\$1,000.00	\$928.30		
	25 Clean Detention/Debris Basins	\$0.00	\$0.00			
	35 Fence Repair	\$2,000.00	\$2,000.00	\$1,191.14		
	40 Vegetation Control - Chemical	\$10,000.00	\$10,000.00	\$9,577.65		
	45 Vegetation Control - Mechanical	\$25,000.00	\$2,000.00	\$1,355.49		
	50 Maintain Access Road	\$0.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$2,000.00	\$1,826.60		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$40,000.00	\$40,000.00	\$34,912.16		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$20,000.00	\$103,500.00	\$103,105.00		
	TOTALS	\$290,000.00	\$305,500.00	\$293,855.29	96%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Misc. maintenance of channels. Vegetation control south of Vegas Valley.
 Maintenance work done by SNWA for weirs along the Las Vegas Wash Wetland area.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
QUARTERLY STATUS REPORT - FY 2020 - 2021**

MWP Facility #: CC 03
 Facility Name: Duck Creek
 MP Facility ID: BDW5 0000-0025 DC95 0000-0038 DCBD 000-0081, 0176-0273
 MP Facility ID: DCCA 0000-0078 DCCD 0000 DCGL 0000-0086, 0106, 0112, 0138-0179
 MP Facility ID: DCHV 0000-0012 DCI1 0000-0031, DCLB 0000 DCPA 0000-0106
 MP Facility ID: DCPI 0000-0032 DCRB 0015 DCSH 0000-0017 DCW1 0000-0132
 MP Facility ID: DCW4 0364-0557, 0665-0786, 0940-0971, DCW5 0000-0059
 MP Facility ID: DCWA 0000-0597, 0702-1657 DCWB 0000-0086 DCWF 0000-0061

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00	\$0.00			
	5 Inspect Channels	\$5,000.00	\$5,000.00	\$4,339.59		
	6 Inspect Levees, Deten/Debris Basins	\$20,000.00	\$15,000.00	\$8,757.51		
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$60,000.00	\$20,000.00	\$9,450.62		
	15 Repair Lined Channel	\$5,000.00	\$12,000.00	\$11,716.86		
	20 Erosion Control and Repair	\$15,000.00	\$5,000.00	\$3,471.52		
	21 Provide/Maintain Dust Control	\$40,000.00	\$5,000.00	\$1,381.04		
	25 Clean Detention/Debris Basins	\$16,000.00	\$12,000.00	\$8,277.84		
	35 Fence Repair	\$8,000.00	\$12,000.00	\$11,576.72		
	40 Vegetation Control - Chemical	\$10,000.00	\$12,000.00	\$11,715.01		
	45 Vegetation Control - Mechanical	\$30,000.00	\$0.00			
	50 Maintain Access Road	\$5,000.00	\$9,000.00	\$8,738.92		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$1,000.00	\$0.00			
	65 Clean Storm Sewer Lines	\$2,500.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$4,500.00	\$4,005.94		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$140,000.00	\$140,000.00	\$99,932.22		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$65,000.00	\$69,000.00	\$68,531.89		
	TOTALS	\$427,500.00	\$320,500.00	\$251,895.68	79%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Misc. maintenance and cleaning of channels

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
QUARTERLY STATUS REPORT - FY 2020 - 2021**

MWP Facility #: CC 05
 Facility Name: Las Vegas Range Wash
 MP Facility ID: RWSL 0000-0728, RWWE 0016-0055
 MP Facility ID: SLBN 0000 FLCH 0000
 MP Facility ID: SLEB 0000-0098 SLER 0000-0086
 MP Facility ID: SLLM 0000 SLNL 0095
 MP Facility ID: SLOR 0000-0148 SLST 0000-0095
 MP Facility ID: SLWA 0000-0091
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$2,000.00	\$2,000.00			
	5 Inspect Channels	\$5,000.00	\$5,000.00	\$3,946.22		
	6 Inspect Levees, Deten/Debris Basins	\$8,000.00	\$8,000.00	\$3,759.26		
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$60,000.00	\$60,000.00	\$6,570.61		
	15 Repair Lined Channel	\$150,000.00	\$44,000.00			
	20 Erosion Control and Repair	\$0.00	\$0.00			
	21 Provide/Maintain Dust Control	\$15,000.00	\$0.00			
	25 Clean Detention/Debris Basins	\$10,000.00	\$0.00			
	35 Fence Repair	\$10,000.00	\$17,500.00	\$17,052.06		
	40 Vegetation Control - Chemical	\$9,000.00	\$9,000.00	\$4,452.89		
	45 Vegetation Control - Mechanical	\$5,000.00	\$0.00			
	50 Maintain Access Road	\$2,500.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$100,000.00	\$100,000.00	\$75,593.72		
	85 Engineering	\$20,000.00	\$0.00			
	90 Homeless Cleanup	\$75,500.00	\$75,500.00	\$2,605.00		
	TOTALS	\$472,000.00	\$321,000.00	\$113,979.76	36%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Clean, Inspect & Repairs to 1 Detention Basin.
 Misc. maintenance and cleaning of channels.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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MWP Facility #: CC 06
 Facility Name: Tropicana Wash
 MP Facility ID: TRWA 0000-0454 BDBF 0000-0006 BDFW 0000
 MP Facility ID: BDMO 0000-0010 BDRB 0000-0118
 MP Facility ID: BDRR 0000 BDWS 0000-0007
 MP Facility ID: NBSC 0000 RBMO 0000-0045
 MP Facility ID: TRBD 0000-0930 TRNB 0000-0113
 MP Facility ID: BDMD 0121 BDOJ 0000-0061

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$2,000.00	\$2,000.00	\$1,036.44		
	5 Inspect Channels	\$3,000.00	\$4,000.00	\$3,858.22		
	6 Inspect Levees, Deten/Debris Basins	\$15,000.00	\$15,000.00	\$6,787.51		
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$10,000.00	\$10,000.00	\$7,715.85		
	15 Repair Lined Channel	\$10,000.00	\$10,000.00	\$902.22		
	20 Erosion Control and Repair	\$5,000.00	\$2,000.00			
	21 Provide/Maintain Dust Control	\$5,000.00	\$5,000.00	\$1,406.06		
	25 Clean Detention/Debris Basins	\$30,000.00	\$15,000.00	\$6,617.40		
	35 Fence Repair	\$5,000.00	\$9,000.00	\$8,612.70		
	40 Vegetation Control - Chemical	\$5,000.00	\$5,000.00	\$4,327.80		
	45 Vegetation Control - Mechanical	\$5,000.00	\$4,000.00			
	50 Maintain Access Road	\$5,000.00	\$5,000.00	\$831.37		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$1,500.00	\$1,099.64		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$5,000.00	\$3,500.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$100,000.00	\$100,000.00	\$61,631.27		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$40,000.00	\$113,500.00	\$113,200.30		
	TOTALS	\$245,000.00	\$304,500.00	\$218,026.78	72%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Misc. work contract maintenance adjacent to beltway.
 Channel Inspection, vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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MWP Facility #: CC 07
 Facility Name: Airport Channel
 MP Facility ID: TRMC 0000-0060, 0195-0290
 MP Facility ID: WGTR 0058-0180
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00			
	5 Inspect Channels	\$1,500.00	\$1,500.00	\$974.23		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00			
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$2,000.00	\$4,500.00	\$4,423.07		
	15 Repair Lined Channel	\$0.00	\$0.00			
	20 Erosion Control and Repair	\$0.00	\$0.00			
	21 Provide/Maintain Dust Control	\$0.00	\$0.00			
	25 Clean Detention/Debris Basins	\$0.00	\$0.00			
	35 Fence Repair	\$3,000.00	\$9,700.00	\$9,563.83		
	40 Vegetation Control - Chemical	\$1,000.00	\$1,000.00	\$902.66		
	45 Vegetation Control - Mechanical	\$500.00	\$800.00	\$707.63		
	50 Maintain Access Road	\$0.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$2,000.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$5,000.00	\$22,500.00	\$20,391.59		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$15,000.00	\$65,000.00	\$64,910.11		
	TOTALS	\$30,000.00	\$105,000.00	\$101,873.12	97%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Channel Inspection and debris removal; vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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MWP Facility #: CC 08
 Facility Name: Monson Channel
 MP Facility ID: LV02 0000-0303
 MP Facility ID: NLFL 0000-0144
 MP Facility ID: VBTW 0000
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,500.00	\$1,500.00			
	5 Inspect Channels	\$1,500.00	\$1,500.00	\$253.26		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00			
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$15,000.00	\$15,000.00	\$5,949.62		
	15 Repair Lined Channel	\$0.00	\$0.00			
	20 Erosion Control and Repair	\$0.00	\$0.00			
	21 Provide/Maintain Dust Control	\$0.00	\$1,000.00	\$733.92		
	25 Clean Detention/Debris Basins	\$0.00	\$0.00			
	35 Fence Repair	\$1,500.00	\$6,500.00	\$6,077.53		
	40 Vegetation Control - Chemical	\$6,000.00	\$6,000.00	\$1,881.00		
	45 Vegetation Control - Mechanical	\$15,000.00	\$0.00			
	50 Maintain Access Road	\$0.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$10,000.00	\$10,000.00	\$1,611.59		
	85 Engineering	\$50,000.00	\$0.00			
	90 Homeless Cleanup	\$10,000.00	\$10,000.00	\$4,070.00		
	TOTALS	\$110,500.00	\$51,500.00	\$20,576.92	40%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Channel Inspection, vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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MWP Facility #: CC 09
 Facility Name: Rawhide Channel
 MP Facility ID: DCRH 0000-0305
 MP Facility ID: MCE2 0000
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00	\$0.00			
	5 Inspect Channels	\$3,000.00	\$3,000.00	\$2,159.00		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00			
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$1,500.00	\$1,500.00			
	15 Repair Lined Channel	\$5,000.00	\$0.00			
	20 Erosion Control and Repair	\$0.00	\$0.00			
	21 Provide/Maintain Dust Control	\$0.00	\$0.00			
	25 Clean Detention/Debris Basins	\$0.00	\$0.00			
	35 Fence Repair	\$5,000.00	\$0.00			
	40 Vegetation Control - Chemical	\$5,000.00	\$5,000.00	\$1,065.64		
	45 Vegetation Control - Mechanical	\$2,000.00	\$1,000.00			
	50 Maintain Access Road	\$0.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$1,000.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$60,000.00	\$60,000.00	\$47,784.95		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$5,000.00	\$8,000.00	\$7,875.00		
	TOTALS	\$88,500.00	\$78,500.00	\$58,884.59	75%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Channel Inspection, vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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MWP Facility #: CC 10
 Facility Name: Van Buskirk Channel
 MP Facility ID: VBCH 0000-0138
 MP Facility ID: VBMC 0000-0249
 MP Facility ID: VBTM 0000-0174
 MP Facility ID: VBVR 0000-0050
 MP Facility ID: _____
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$2,000.00	\$11,700.00	\$11,697.05		
	5 Inspect Channels	\$2,000.00	\$2,000.00	\$592.65		
	6 Inspect Levees, Deten/Debris Basins	\$4,000.00	\$4,000.00	\$1,135.42		
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$0.00	\$0.00			
	15 Repair Lined Channel	\$0.00	\$0.00			
	20 Erosion Control and Repair	\$0.00	\$0.00			
	21 Provide/Maintain Dust Control	\$0.00	\$0.00			
	25 Clean Detention/Debris Basins	\$2,000.00	\$2,000.00			
	35 Fence Repair	\$3,000.00	\$3,000.00	\$2,473.11		
	40 Vegetation Control - Chemical	\$1,000.00	\$1,000.00	\$170.20		
	45 Vegetation Control - Mechanical	\$0.00	\$0.00			
	50 Maintain Access Road	\$0.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$5,000.00	\$5,000.00	\$1,200.36		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$35,000.00	\$124,500.00	\$121,560.44		
	TOTALS	\$54,000.00	\$153,200.00	\$138,829.23	91%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Channel Inspection, vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
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MWP Facility #: CC 11
 Facility Name: Flamingo Wash North Fork
 MP Facility ID: FLDY 0000-0013
 MP Facility ID: FLLA 0000-0379
 MP Facility ID: FLMN 0000-0075
 MP Facility ID: FLMS 0000
 MP Facility ID: _____
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00			
	5 Inspect Channels	\$1,000.00	\$1,000.00	\$212.19		
	6 Inspect Levees, Deten/Debris Basins	\$1,000.00	\$1,000.00	\$295.47		
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$0.00	\$7,000.00	\$5,827.68		
	15 Repair Lined Channel	\$0.00	\$0.00			
	20 Erosion Control and Repair	\$0.00	\$0.00			
	21 Provide/Maintain Dust Control	\$0.00	\$0.00			
	25 Clean Detention/Debris Basins	\$5,000.00	\$10,800.00	\$8,309.37		
	35 Fence Repair	\$1,500.00	\$1,500.00	\$869.88		
	40 Vegetation Control - Chemical	\$2,500.00	\$2,500.00			
	45 Vegetation Control - Mechanical	\$0.00	\$0.00			
	50 Maintain Access Road	\$0.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$10,000.00	\$10,000.00	\$1,386.66		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$10,000.00	\$10,000.00	\$2,960.00		
	TOTALS	\$31,000.00	\$43,800.00	\$19,861.25	45%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Channel Inspection, vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
QUARTERLY STATUS REPORT - FY 2020 - 2021**

MWP Facility #: CC 14
 Facility Name: Laughlin Washes
 MP Facility ID: LUBC 0000-0010, 0324
 MP Facility ID: LUED 0000-0008
 MP Facility ID: LUHS 0000-0242, 0250
 MP Facility ID: LUMA 0023-0060
 MP Facility ID: LUUW 0000-0150
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00	\$1,000.00			
	5 Inspect Channels	\$1,500.00	\$1,500.00	\$379.88		
	6 Inspect Levees, Deten/Debris Basins	\$7,000.00	\$7,000.00	\$2,792.66		
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$6,000.00	\$17,000.00	\$16,977.74		
	15 Repair Lined Channel	\$1,000.00	\$1,000.00			
	20 Erosion Control and Repair	\$0.00	\$0.00			
	21 Provide/Maintain Dust Control	\$0.00	\$0.00			
	25 Clean Detention/Debris Basins	\$10,000.00	\$0.00			
	35 Fence Repair	\$2,000.00	\$2,000.00			
	40 Vegetation Control - Chemical	\$1,500.00	\$0.00			
	45 Vegetation Control - Mechanical	\$1,500.00	\$0.00			
	50 Maintain Access Road	\$0.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$6,400.00	\$6,281.06		
	60 Repair Inlet/Outlet Structures	\$5,000.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$2,000.00	\$2,000.00	\$1,908.32		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$1,000.00	\$1,000.00			
	TOTALS	\$39,500.00	\$38,900.00	\$28,339.66	73%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Sediment removal from basin area upstream of LUED0008.
 Channel Inspection, vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
QUARTERLY STATUS REPORT - FY 2020 - 2021**

MWP Facility #: CC 15
 Facility Name: Moapa Valley
 MP Facility ID: LWAW 0000
 MP Facility ID: GASD 0000-0058
 MP Facility ID: MRLV 0343-0537, 0725
 MP Facility ID: MRLI 0001-0038
 MP Facility ID: _____
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00			
	5 Inspect Channels	\$2,500.00	\$2,500.00	\$422.08		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00			
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$10,000.00	\$18,000.00	\$17,422.96		
	15 Repair Lined Channel	\$2,000.00	\$2,000.00			
	20 Erosion Control and Repair	\$10,500.00	\$500.00			
	21 Provide/Maintain Dust Control	\$0.00	\$2,000.00	\$1,708.64		
	25 Clean Detention/Debris Basins	\$2,000.00	\$2,000.00			
	35 Fence Repair	\$0.00	\$0.00			
	40 Vegetation Control - Chemical	\$2,000.00	\$2,000.00	\$1,928.27		
	45 Vegetation Control - Mechanical	\$1,000.00	\$1,000.00			
	50 Maintain Access Road	\$0.00	\$1,000.00	\$507.74		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$10,000.00	\$10,000.00	\$2,279.76		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$1,000.00	\$1,000.00			
	TOTALS	\$41,000.00	\$42,000.00	\$24,269.45	58%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Channel Inspection, vegetation control and other work as assigned.

Consultant/ Contractor: _____
 Project Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
QUARTERLY STATUS REPORT - FY 2020 - 2021**

MWP Facility #: CC 16
 Facility Name: Blue Diamond Wash
 MP Facility ID: BD02 0000-0109 BD03 0000-0081
 MP Facility ID: BDBE 0000-0134 BDW1 0000-0077
 MP Facility ID: BDW2 0023 BDW3 0000
 MP Facility ID: BDW4 0160-0174
 MP Facility ID: BDWA 0000-0212, 0284-0633
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00			
	5 Inspect Channels	\$3,500.00	\$3,500.00	\$718.71		
	6 Inspect Levees, Deten/Debris Basins	\$4,500.00	\$4,500.00	\$1,885.81		
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$10,000.00	\$39,000.00	\$38,845.51		
	15 Repair Lined Channel	\$5,000.00	\$0.00			
	20 Erosion Control and Repair	\$5,000.00	\$0.00			
	21 Provide/Maintain Dust Control	\$0.00	\$11,500.00	\$11,188.79		
	25 Clean Detention/Debris Basins	\$50,000.00	\$50,000.00	\$46,419.18		
	35 Fence Repair	\$2,000.00	\$2,000.00	\$1,997.53		
	40 Vegetation Control - Chemical	\$2,000.00	\$2,500.00	\$2,244.23		
	45 Vegetation Control - Mechanical	\$5,000.00	\$10,000.00	\$9,682.96		
	50 Maintain Access Road	\$0.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$1,000.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$15,000.00	\$6,000.00	\$3,973.08		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$55,000.00	\$16,000.00	\$8,090.19		
	TOTALS	\$158,000.00	\$145,000.00	\$125,045.99	86%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Channel maintenance contract adjacent to beltway.
 Channel Inspection, vegetation control and other work as assigned.

Consultant/ Contractor: _____
 Project Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
QUARTERLY STATUS REPORT - FY 2020 - 2021**

MWP Facility #: CC 17
 Facility Name: Searchlight
 MP Facility ID: SREA 0000-0065
 MP Facility ID: SRSO 0000-0030
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$500.00	\$500.00			
	5 Inspect Channels	\$1,000.00	\$1,000.00	\$507.64		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00			
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$0.00	\$0.00			
	15 Repair Lined Channel	\$5,000.00	\$0.00			
	20 Erosion Control and Repair	\$0.00	\$0.00			
	21 Provide/Maintain Dust Control	\$0.00	\$0.00			
	25 Clean Detention/Debris Basins	\$0.00	\$0.00			
	35 Fence Repair	\$0.00	\$0.00			
	40 Vegetation Control - Chemical	\$500.00	\$500.00			
	45 Vegetation Control - Mechanical	\$0.00	\$0.00			
	50 Maintain Access Road	\$0.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$500.00	\$500.00			
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$1,000.00	\$1,000.00			
	TOTALS	\$8,500.00	\$3,500.00	\$507.64	15%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Channel Inspection, vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
QUARTERLY STATUS REPORT - FY 2020 - 2021**

MWP Facility #: CC 18
 Facility Name: Bunkerville
 MP Facility ID: WIWA 0000-0038
 MP Facility ID: WIJE 0000-0065
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00	\$0.00		
	5 Inspect Channels	\$1,000.00	\$1,000.00	\$508.79		
	6 Inspect Levees, Deten/Debris Basins	\$3,000.00	\$3,000.00	\$1,912.11		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$0.00	\$0.00	\$0.00		
	15 Repair Lined Channel	\$0.00	\$0.00	\$0.00		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$4,000.00	\$14,000.00	\$13,986.09		
	35 Fence Repair	\$1,000.00	\$1,000.00	\$512.35		
	40 Vegetation Control - Chemical	\$1,000.00	\$1,000.00	\$0.00		
	45 Vegetation Control - Mechanical	\$0.00	\$0.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$1,000.00	\$1,000.00	\$0.00		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$0.00	\$0.00	\$0.00		
	TOTALS	\$11,000.00	\$21,000.00	\$16,919.34	81%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Channel Inspection, vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
QUARTERLY STATUS REPORT - FY 2020 - 2021**

MWP Facility #: CC 19
 Facility Name: Pittman
 MP Facility ID: PTBL 0028-0157
 MP Facility ID: PTDC 0000-0005
 MP Facility ID: PTWA 0477-0738
 MP Facility ID: PTWB 0000-0016
 MP Facility ID: _____
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00	\$0.00			
	5 Inspect Channels	\$3,000.00	\$3,000.00	\$422.10		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$500.00	\$90.50		
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$5,000.00	\$19,000.00	\$18,516.62		
	15 Repair Lined Channel	\$1,000.00	\$1,000.00			
	20 Erosion Control and Repair	\$0.00	\$0.00			
	21 Provide/Maintain Dust Control	\$0.00	\$500.00	\$43.44		
	25 Clean Detention/Debris Basins	\$0.00	\$0.00			
	35 Fence Repair	\$2,000.00	\$0.00			
	40 Vegetation Control - Chemical	\$2,500.00	\$3,500.00	\$3,406.02		
	45 Vegetation Control - Mechanical	\$1,000.00	\$3,700.00	\$3,612.66		
	50 Maintain Access Road	\$0.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$1,500.00	\$0.00			
	70 Storm Sewer Line Repair	\$1,500.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$5,000.00	\$5,000.00	\$1,007.59		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$5,000.00	\$3,800.00	\$3,700.00		
	TOTALS	\$28,500.00	\$40,000.00	\$30,798.93	77%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Channel Inspection, vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
QUARTERLY STATUS REPORT - FY 2020 - 2021**

MWP Facility #: CC 20
 Facility Name: Indian Springs
 MP Facility ID: ISWE 0100-1001
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00			
	5 Inspect Channels	\$1,000.00	\$1,000.00			
	6 Inspect Levees, Deten/Debris Basins	\$3,000.00	\$3,000.00	\$1,111.52		
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$0.00	\$0.00			
	15 Repair Lined Channel	\$0.00	\$0.00			
	20 Erosion Control and Repair	\$1,500.00	\$1,500.00			
	21 Provide/Maintain Dust Control	\$0.00	\$20,000.00	\$19,336.78		
	25 Clean Detention/Debris Basins	\$2,500.00	\$17,800.00	\$16,840.62		
	35 Fence Repair	\$0.00	\$0.00			
	40 Vegetation Control - Chemical	\$0.00	\$1,300.00	\$1,280.71		
	45 Vegetation Control - Mechanical	\$0.00	\$0.00			
	50 Maintain Access Road	\$0.00	\$0.00			
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$1,000.00	\$1,000.00			
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$1,500.00	\$1,500.00			
	TOTALS	\$10,500.00	\$47,100.00	\$38,569.63	82%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Channel Inspection, vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
QUARTERLY STATUS REPORT - FY 2020 - 2021**

MWP Facility #: CC 21
 Facility Name: Northern Beltway
 MP Facility ID: EKEA 0056-0338
 MP Facility ID: RCHB 0083, 0101, 0130, 0149, 0151
 MP Facility ID: GOBW 0000-0048
 MP Facility ID: GONO 0117-0335
 MP Facility ID: _____
 MP Facility ID: _____

Entity: CLARK COUNTY
 Date Prepared: 4/29/2021
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00			
	5 Inspect Channels	\$2,000.00	\$2,000.00	\$1,128.99		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00			
	8 Species Survey and Removal	\$0.00	\$0.00			
	10 Clean and Reshape Channels/Levees	\$15,000.00	\$2,000.00			
	15 Repair Lined Channel	\$2,000.00	\$2,000.00			
	20 Erosion Control and Repair	\$5,000.00	\$0.00			
	21 Provide/Maintain Dust Control	\$0.00	\$0.00			
	25 Clean Detention/Debris Basins	\$0.00	\$0.00			
	35 Fence Repair	\$3,000.00	\$3,000.00	\$504.63		
	40 Vegetation Control - Chemical	\$4,000.00	\$4,000.00	\$1,986.80		
	45 Vegetation Control - Mechanical	\$0.00	\$0.00			
	50 Maintain Access Road	\$0.00	\$3,000.00	\$2,256.27		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00			
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00			
	65 Clean Storm Sewer Lines	\$0.00	\$0.00			
	70 Storm Sewer Line Repair	\$0.00	\$0.00			
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00			
	80 Miscellaneous Work Activities	\$5,000.00	\$5,000.00	\$1,124.63		
	85 Engineering	\$0.00	\$0.00			
	90 Homeless Cleanup	\$5,000.00	\$0.00			
	TOTALS	\$41,000.00	\$21,000.00	\$7,001.32	33%	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:
 Channel maintenance contract adjacent to beltway.
 Channel Inspection, vegetation control and other work as assigned.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY21 3RD QUARTERLY STATUS REPORT & REALLOCATION REQUEST**

MWP Facility#: HN65

Entity: CITY OF HENDERSON

Facility Name: C1 NORTH

Date Prepared: 3/31/2021

MP Facility ID: C1CH 0000-0452, C1CT 0000-0075, C1DC 0000-0303, C1E1 0000-0065, C1EQ 0000-0297, C1FK 0000-0039, 0069-0073, C1GA 0000-0002, C1H1 0000-0003, C1H2 0000-0001, C1HV 0000-0300, C1IT 0273, C1LM 0000-0141, C1RT 0001-0044, LLMW 0000, LLMW 0129, LLMW 0203

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	3Q Expenditures (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory						
5	Inspect Channels	\$0.00	\$812.72	\$362.99	\$812.72	100%	
6	Inspect Levees/Detention and Debris Basins	\$10,000.00	\$4,560.72	\$361.07	\$4,560.72	100%	
8	Species Survey and Removal	\$5,619.31	\$5,619.31		\$0.00	0%	
10	Clean and Reshape Channels/Levees	\$10,000.00	\$1,655.70		\$1,655.70	100%	
15	Repair Lined Channel	\$520,000.00	\$357,526.65	\$175,544.81	\$357,526.65	100%	
20	Erosion Control and Repair	\$365,000.00	\$342,216.66		\$402.66	0%	
21	Provide/Maintain Dust Control	\$45,000.00	\$4,288.32		\$4,288.32	100%	
25	Clean Detention/Debris Basins	\$749,024.09	\$751,149.44	\$2,125.35	\$751,149.44	100%	
35	Fence Repair	\$15,000.00	\$2,615.48	\$1,150.06	\$2,615.48	100%	
40	Vegetation Control - Chemical						
45	Vegetation Control - Mechanical	\$22,000.00	\$22,799.09	\$966.69	\$22,799.09	100%	
50	Maintain Access Road	\$5,000.00	\$0.00		\$0.00	0%	
55	Clean & Inspect Inlet/Outlet Structures	\$5,000.00	\$954.20		\$954.20	100%	
60	Repair Inlet/Outlet Structures	\$5,000.00	\$210.19		\$210.19	100%	
65	Clean Storm Sewer Lines						
70	Storm Sewer Repair						
75	Clean/Flush Culverts & Bridges						
80	Miscellaneous Work Activities	\$10,000.00	\$1,596.75	\$1,211.90	\$1,596.75	100%	
85	Engineering	\$70,000.00	\$122,120.68	\$29,658.87	\$94,770.68	78%	
90	Homeless Encampment Cleanup	\$5,000.00	\$5,024.08		\$5,024.08	100%	
	TOTALS	\$1,841,643.40	\$1,623,149.99	\$211,381.74	\$1,248,366.68		Jun-2021

Delays or Problem Areas:

Work completed during prior fiscal year:

Act 15, Act 21, Act 25, Act 50 - East C - 1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 8, Act 20, Act 21, Act 25, Act 85 - Northeast C1 Detention Basin; remove sediment and debris from detention basin and repair erosion on embankments. Other expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 15 and Act 85 - SNWA Channel (LLMW 0203); repair erosion to lined channel. Act 20 and Act 85 - Lake Mead C-1 Channel Confluence Repair (C1CH 0204 and C1CH 0173); rebuild channel and extend riprap. Other budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
Contractor:
Project
Manager: Albert J. Jankowiak

(702) 267-3024

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**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY21 3RD QUARTERLY STATUS REPORT & REALLOCATION REQUEST**

MWP Facility#: HN66

Entity: CITY OF HENDERSON

Facility Name: C1 SOUTH

Date Prepared: 3/31/2021

MP Facility ID: C1BH 0000-0302, C1CH 0455-0674, C1CH 0711, C1CH 0742-1138, C1GW 0000-0081, C1U1 0000-0062, C1US 0000-0078

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	3Q Expenditures (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory						
	5 Inspect Channels	\$136.40	\$455.99	\$274.61	\$455.99	100%	
	6 Inspect Levees/Detention and Debris Basins	\$2,060.00	\$2,334.61	\$274.61	\$2,334.61	100%	
	8 Species Survey and Removal						
	10 Clean and Reshape Channels/Levees	\$0.00	\$438.57	\$438.57	\$438.57	100%	
	15 Repair Lined Channel		\$20,974.32	\$20,884.38	\$20,974.32	100%	
	20 Erosion Control and Repair						
	21 Provide/Maintain Dust Control						
	25 Clean Detention/Debris Basins	\$1,234,658.00	\$773,280.45	\$2,068.92	\$2,068.92	0%	
	35 Fence Repair	\$5,229.29	\$12,480.95	\$5,954.65	\$12,480.95	100%	
	40 Vegetation Control - Chemical						
	45 Vegetation Control - Mechanical	\$0.00	\$889.32	\$889.32	\$889.32	100%	
	50 Maintain Access Road						
	55 Clean & Inspect Inlet/Outlet Structures						
	60 Repair Inlet/Outlet Structures						
	65 Clean Storm Sewer Lines						
	70 Storm Sewer Repair						
	75 Clean/Flush Culverts & Bridges						
	80 Miscellaneous Work Activities	\$194.64	\$1,888.52	\$1,693.88	\$1,888.52	100%	
	85 Engineering	\$100,000.00	\$96,892.36	\$36,234.82	\$66,892.36	69%	
	90 Homeless Encampment Cleanup	\$2,751.00	\$2,986.12	\$235.12	\$2,986.12	100%	
	TOTALS	\$1,345,029.33	\$912,621.21	\$68,948.88	\$111,409.68		Jun-2021

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities

Work to be completed during current fiscal year:

Act 8, Act 25 and Act 85 - Black Mountain Detention Basin (C1CH 1095) Sediment and Debris Removal. Other budgeted funding to be expended on this facility for regular maintenance activities

Consultant/
Contractor
Project
Manager: Albert J. Jankowiak (702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY21 3RD QUARTERLY STATUS REPORT & REALLOCATION REQUEST**

MWP Facility#: HN67
 Facility Name: PITTMAN CENTRAL NE
 MP Facility ID: PTBR 0067-0175, PTGA 0000, PTGB 0058-0249, PTPA 0071, 0285, PTVW 0000-0187

Entity: CITY OF HENDERSON
 Date Prepared: 3/31/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	3Q Expenditures (\$)	Total Expenditures (\$)	Percent Complets	Scheduled Completion Date
	3 Facility Assessment and Inventory						
	5 Inspect Channels	\$224.35	\$499.41	\$275.06	\$499.41	100%	
	6 Inspect Levees/Detention and Debris Basins	\$1,057.24	\$1,148.93	\$91.69	\$1,148.93	100%	
	8 Species Survey and Removal						
	10 Clean and Reshape Channels/Levees	\$5,545.89	\$5,545.89		\$5,545.89	100%	
	15 Repair Lined Channel						
	20 Erosion Control and Repair						
	21 Provide/Maintain Dust Control						
	25 Clean Detention/Debris Basins	\$3,518.32	\$3,879.24	\$360.92	\$3,879.24	100%	
	35 Fence Repair	\$0.00	\$2,253.73	\$2,253.73	\$2,253.73	100%	
	40 Vegetation Control - Chemical						
	45 Vegetation Control - Mechanical	\$2,463.01	\$2,463.01		\$2,463.01	100%	
	50 Maintain Access Road						
	55 Clean & Inspect Inlet/Outlet Structures						
	60 Repair Inlet/Outlet Structures						
	65 Clean Storm Sewer Lines						
	70 Storm Sewer Repair						
	75 Clean/Flush Culverts & Bridges		\$2,827.12	\$2,827.12	\$2,827.12	100%	
	80 Miscellaneous Work Activities	\$465.92	\$465.92		\$465.92	100%	
	85 Engineering	\$5,000.00	\$6,939.77	\$3,027.66	\$6,939.77	100%	
	90 Homeless Encampment Cleanup		\$5,180.00	\$5,180.00	\$5,180.00	100%	
	TOTALS	\$18,274.73	\$31,203.02	\$14,016.18	\$31,203.02		Jun-2021
Delays or Problem Areas:							
Work completed during prior fiscal year:							
Expenditures on this facility were for regular maintenance activities							
Work to be completed during current fiscal year:							
Budgeted funding to be expended on this facility for regular maintenance activities.							

Consultant/
 Contractor:
 Project
 Manager: Albert J. Jankowiak (702) 267-3024

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**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY21 3RD QUARTERLY STATUS REPORT & REALLOCATION REQUEST**

MWP Facility#: HN68
 Facility Name: PITTMAN CENTRAL SE

Entity: CITY OF HENDERSON
 Date Prepared: 3/31/2021

MP Facility ID: PTHR 0000-0210, PTIS 0000-0258, PTPD 0010-0063, PTRR 0000-0135, PTWH 0000-0116

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	3Q Expenditures (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory						
5	Inspect Channels	\$179.47	\$2,044.63	\$1,865.16	\$2,044.63	100%	
6	Inspect Levees/Detention and Debris Basins	\$500.10	\$591.57	\$91.47	\$591.57	100%	
8	Species Survey and Removal						
10	Clean and Reshape Channels/Levees	\$0.00	\$139.70	\$139.70	\$139.70	100%	
15	Repair Lined Channel						
20	Erosion Control and Repair						
21	Provide/Maintain Dust Control						
25	Clean Detention/Debris Basins		\$6,651.02	\$281.03	\$6,651.02	100%	
35	Fence Repair	\$464.40	\$1,507.91	\$1,043.51	\$1,507.91	100%	
40	Vegetation Control - Chemical						
45	Vegetation Control - Mechanical	\$7,837.70	\$8,557.67		\$8,557.67	100%	
50	Maintain Access Road						
55	Clean & Inspect Inlet/Outlet Structures						
60	Repair Inlet/Outlet Structures						
65	Clean Storm Sewer Lines						
70	Storm Sewer Repair						
75	Clean/Flush Culverts & Bridges	\$62,669.72	\$62,669.72		\$62,669.72	100%	
80	Miscellaneous Work Activities						
85	Engineering	\$5,000.00	\$6,148.88	\$1,744.69	\$6,148.88	100%	
90	Homeless Encampment Cleanup	\$29,965.12	\$32,615.30	\$175.18	\$32,615.30	100%	
	TOTALS	\$106,616.51	\$120,926.40	\$5,340.74	\$120,926.40		Jun-2021

Delays or Problem Areas:
 I-515 Channel (PTIS 0068-0102) repair was delayed due to the need for additional engineering analysis prior to construction and engineering analyses is now complete. Recommendation is to process a Master Plan Amendment to show a higher capacity design to the facility and add it to the TYCP.

Work completed during prior fiscal year:
 Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:
 Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
 Contractor
 Project
 Manager: Albert J. Jankowiak (702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY21 3RD QUARTERLY STATUS REPORT & REALLOCATION REQUEST**

MWP Facility#: HN69
 Facility Name: PITTMAN CENTRAL NW
 DCWA 0646-0670, PTDC 0026-0237, PTPE 0000-0166, PTRW 0000-0170, PTSW 0000-0129,
 MP Facility ID: PTWA 0000-0476, WWDC 0000-0109, WWDC 0147-0170

Entity: CITY OF HENDERSON
 Date Prepared: 3/31/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	3Q Expenditures (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory						
5	Inspect Channels	\$1,255.39	\$1,255.39		\$1,255.39	100%	
6	Inspect Levees/Detention and Debris Basins	\$853.91	\$853.91		\$853.91	100%	
8	Species Survey and Removal						
10	Clean and Reshape Channels/Levees	\$15,416.36	\$179,004.76	\$162,244.04	\$179,004.76	100%	
15	Repair Lined Channel						
20	Erosion Control and Repair	\$30,000.00	\$231,571.89	\$204,179.29	\$231,571.89	100%	
21	Provide/Maintain Dust Control	\$24,144.01	\$25,071.62	\$473.97	\$25,071.62	100%	
25	Clean Detention/Debris Basins	\$0.00	\$2,445.13	\$2,445.13	\$2,445.13	100%	
35	Fence Repair	\$2,333.61	\$2,453.51	\$119.90	\$2,453.51	100%	
40	Vegetation Control - Chemical	\$2,205.88	\$2,547.09		\$2,547.09	100%	
45	Vegetation Control - Mechanical	\$110,120.38	\$231,700.92	\$94,515.96	\$231,700.92	100%	
50	Maintain Access Road	\$882.87	\$882.87		\$882.87	100%	
55	Clean & Inspect Inlet/Outlet Structures						
60	Repair Inlet/Outlet Structures		\$25,405.92	\$25,405.92	\$25,405.92	100%	
65	Clean Storm Sewer Lines						
70	Storm Sewer Repair						
75	Clean/Flush Culverts & Bridges	\$0.00	\$1,220.38	\$1,220.38	\$1,220.38	100%	
80	Miscellaneous Work Activities	\$1,828.55	\$1,828.55		\$1,828.55	100%	
85	Engineering	\$34,700.24	\$43,727.87	\$6,766.83	\$43,727.87	100%	
90	Homeless Encampment Cleanup	\$277.77	\$939.81	\$662.04	\$939.81	100%	
	TOTALS	\$224,018.97	\$750,909.62	\$498,033.46	\$750,909.62		Jun-2021

Delays or Problem Areas:
 Act 85 - Structural review and recommendations for repair of energy dissipator (PTWA 0080) and prepare plans for repair of unlined embankment along Pittman Wash - Wigwam to Pecos (PTWA 0346). Other projects were prioritized for FY20.

Work completed during prior fiscal year:

Act 15, Act 85 - Construction and repair of culvert headwall at Sandwedge Channel (PTSW0019) and UPRR Slab Repair (PTRW0000) Other expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 85 - Structural review and recommendations for repair of energy dissipator (PTWA 0080) and prepare plans for repair of unlined embankment along Pittman Wash - Wigwam to Pecos (PTWA 0346). Other funding to be expended on this facility for regular maintenance activities

Consultant/
 Contractor:
 Project
 Manager: Albert J. Jankowiak (702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY21 3RD QUARTERLY STATUS REPORT & REALLOCATION REQUEST**

MWP Facility#: HN70
 Facility Name: PITTMAN CENTRAL SW
 MP Facility ID: PTDW 0000-0088, PTFD 0000-0111, PTLM 0000-0078, PTMR 0000-0400, 0480, PTRE 0000-0267, PTST 0000-0170, PTVV 0000-0005

Entity: CITY OF HENDERSON
 Date Prepared: 3/31/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	3Q Expenditures (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory						
5	Inspect Channels	\$91.21	\$931.62		\$931.62	100%	
6	Inspect Levees/Detention and Debris Basins						
8	Species Survey and Removal						
10	Clean and Reshape Channels/Levees						
15	Repair Lined Channel						
20	Erosion Control and Repair						
21	Provide/Maintain Dust Control						
25	Clean Detention/Debris Basins						
35	Fence Repair	\$1,738.88	\$3,204.04	\$1,465.16	\$3,204.04	100%	
40	Vegetation Control - Chemical						
45	Vegetation Control - Mechanical	\$12,282.51	\$13,909.99	\$1,627.48	\$13,909.99	100%	
50	Maintain Access Road						
55	Clean & Inspect Inlet/Outlet Structures						
60	Repair Inlet/Outlet Structures						
65	Clean Storm Sewer Lines						
70	Storm Sewer Repair						
75	Clean/Flush Culverts & Bridges						
80	Miscellaneous Work Activities						
85	Engineering	\$4,800.90	\$6,795.08	\$1,994.18	\$6,795.08	100%	
90	Homeless Encampment Cleanup		\$1,920.09	\$1,920.09	\$1,920.09	100%	
	TOTALS	\$18,913.50	\$26,760.82	\$7,006.91	\$26,760.82		Jun-2021

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
 Contractor: _____
 Project
 Manager: Albert J. Jankowiak (702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY21 3RD QUARTERLY STATUS REPORT & REALLOCATION REQUEST**

MWP Facility#: HN71
 Facility Name: PITTMAN ANTHEM INSPIRADA

Entity: CITY OF HENDERSON
 Date Prepared: 3/31/2021

MP Facility ID: PTAD 0000-0070, PTAN 0000-0280, PTAT 0000-0007, PTCR 0000-0036, PTDY 0000, PTEA 0493-0773, PTOG 0000-0016, PTPN 0000-0039, PTRD 0000-0055, PTSA 0000-0091, PTSE 0000-0346, PTSN 0000-0063, PTSS 0000-0012, PTWS 0000-0063

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	3Q Expenditures (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory						
	5 Inspect Channels	\$500.00	\$136.83		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$4,983.75	\$4,180.65		\$4,983.75	119%	
	8 Species Survey and Removal						
	10 Clean and Reshape Channels/Levees	\$8,497.26	\$13,283.86	\$139.76	\$8,637.02	65%	
	15 Repair Lined Channel						
	20 Erosion Control and Repair						
	21 Provide/Maintain Dust Control	\$500.00			\$0.00	0%	
	25 Clean Detention/Debris Basins	\$2,000.00	\$3,720.20		\$0.00	0%	
	35 Fence Repair	\$1,000.00	\$4,629.32	\$288.31	\$288.31	6%	
	40 Vegetation Control - Chemical						
	45 Vegetation Control - Mechanical	\$5,115.89	\$21,342.94		\$5,115.89	24%	
	50 Maintain Access Road						
	55 Clean & Inspect Inlet/Outlet Structures		\$0.00				
	60 Repair Inlet/Outlet Structures		\$0.00				
	65 Clean Storm Sewer Lines						
	70 Storm Sewer Repair						
	75 Clean/Flush Culverts & Bridges						
	80 Miscellaneous Work Activities		\$14,158.99				
	85 Engineering	\$3,333.80	\$9,565.07	\$1,290.57	\$4,624.37	48%	
	90 Homeless Encampment Cleanup		\$6,722.60				
	TOTALS	\$25,930.70	\$77,740.46	\$1,718.64	\$23,649.34		Jun-2021

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
 Contractor:
 Project
 Manager: Albert J. Jankowiak (702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY21 3RD QUARTERLY STATUS REPORT & REALLOCATION REQUEST**

MWP Facility#: HN72
 Facility Name: PITTMAN SEVEN HILLS
 PTAP 0000-0156, 0191, PTEA 0000-0244, PTEA 0437-0439, PTGV 0000-0073, PTHD 0000-0020,
 MP Facility ID: PTPW 0000-0309, PTSH 0011-0084

Entity: CITY OF HENDERSON
 Date Prepared: 3/31/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	3Q Expenditures (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory						
5	Inspect Channels	\$500.00	\$136.83		\$136.83	100%	
6	Inspect Levees/Detention and Debris Basins	\$4,180.65	\$4,180.65		\$4,180.65	100%	
8	Species Survey and Removal						
10	Clean and Reshape Channels/Levees	\$5,940.00	\$13,283.86	\$7,343.86	\$13,283.86	100%	
15	Repair Lined Channel						
20	Erosion Control and Repair						
21	Provide/Maintain Dust Control						
25	Clean Detention/Debris Basins	\$3,720.20	\$3,720.20		\$3,720.20	100%	
35	Fence Repair	\$2,593.56	\$4,629.32	\$2,035.76	\$4,629.32	100%	
40	Vegetation Control - Chemical						
45	Vegetation Control - Mechanical	\$30,000.00	\$21,342.94		\$21,342.94	100%	
50	Maintain Access Road						
55	Clean & Inspect Inlet/Outlet Structures	\$500.00	\$0.00		\$0.00	0%	
60	Repair Inlet/Outlet Structures	\$100.00	\$0.00		\$0.00	0%	
65	Clean Storm Sewer Lines						
70	Storm Sewer Repair						
75	Clean/Flush Culverts & Bridges						
80	Miscellaneous Work Activities	\$13,260.00	\$14,158.99	\$898.99	\$14,158.99	100%	
85	Engineering	\$4,809.91	\$25,619.07	\$4,755.16	\$25,619.07	100%	
90	Homeless Encampment Cleanup	\$517.51	\$6,722.60	\$6,205.09	\$6,722.60	100%	
	TOTALS	\$66,121.83	\$93,794.46	\$21,238.86	\$93,794.46		Jun-2021

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
 Contractor
 Project
 Manager: Albert J. Jankowiak (702) 267-3024

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**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY21 3RD QUARTERLY STATUS REPORT & REALLOCATION REQUEST**

MWP Facility#: HN73
Facility Name: PITTMAN WEST HENDERSON

Entity: CITY OF HENDERSON
Date Prepared: 3/31/2021

MP Facility ID: DCLA 0035, DCN1 0000, PTBE 0000-0177, PTGL 0000, PTN2 0000-0251, PTN3 0000, PTN5 0000, PTN6 0000, PTN7 0001, PTN8 0000-0039, PTN9 0000-0027, PTNO 0139-0195, PTSD 0231, PTSO 0042, 0104-0153, PTWA 0815-0983

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	3Q Expenditures (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory						
5	Inspect Channels	\$863.59	\$863.59		\$863.59	100%	
6	Inspect Levees/Detention and Debris Basins	\$91.22	\$91.22		\$91.22	100%	
8	Species Survey and Removal						
10	Clean and Reshape Channels/Levees						
15	Repair Lined Channel						
20	Erosion Control and Repair						
21	Provide/Maintain Dust Control						
25	Clean Detention/Debris Basins						
35	Fence Repair	\$73.31	\$5,548.46		\$5,548.46	100%	
40	Vegetation Control - Chemical						
45	Vegetation Control - Mechanical						
50	Maintain Access Road						
55	Clean & Inspect Inlet/Outlet Structures						
60	Repair Inlet/Outlet Structures						
65	Clean Storm Sewer Lines						
70	Storm Sewer Repair						
75	Clean/Flush Culverts & Bridges						
80	Miscellaneous Work Activities	\$738.82	\$906.90		\$906.90	100%	
85	Engineering	\$3,515.09	\$5,432.69	\$1,917.60	\$5,432.69	100%	
90	Homeless Encampment Cleanup		\$1,882.16	\$1,882.16	\$1,882.16	100%	
	TOTALS	\$5,282.03	\$14,725.02	\$3,799.76	\$14,725.02		Jun-2021

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
Contractor
Project
Manager:

Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
THIRD QUARTER - FY 2020-2021**

MWP Facility # LV51
 Facility Name: Cedar Avenue Channel/Nellis System
 MP Facility ID: CACH 0000 - 0148.
CABZ 0000 - 0010, CACN 0000 - 0049,
LVBZ 0166 - 0223

Entity City of Las Vegas
 Date Prepared 4/28/2021

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$5,000.00				Jun-21
FA 05	Inspect Channels	\$1,000.00	\$1,000.00			Jun-21
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal	\$5,000.00	\$1,000.00			Jun-21
FA 10	Clean and Reshape Channels/Levees	\$15,000.00	\$1,000.00			Jun-21
FA 15	Repair Lined Channel	\$5,000.00	\$1,000.00			Jun-21
	20 Erosion Control and Repair	\$10,000.00	\$1,000.00			Jun-21
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
	35 Fence Repair	\$10,000.00	\$1,000.00			Jun-21
	40 Vegetation Control - Chemical	\$5,000.00	\$1,000.00			Jun-21
	45 Vegetation Control - Mechanical	\$10,000.00	\$1,000.00			Jun-21
	50 Maintain Access Road					
FA 55	Clean & Inspect Inlet/Outlet Structures	\$10,000.00	\$1,000.00			Jun-21
	60 Repair Inlet/Outlet Structures					
FA 65	Clean Storm Sewer Lines	\$2,000.00	\$1,000.00			Jun-21
FA 70	Storm Sewer Repair	\$1,000.00	\$1,000.00			Jun-21
FA 75	Clean/Flush Culverts & Bridges	\$2,000.00	\$1,000.00			Jun-21
FA 80	Miscellaneous Work Activities	\$13,000.00	\$3,000.00			Jun-21
FA 85	Engineering	\$1,000.00	\$4,000.00	\$1,879.09		Jun-21
FA 90	Homeless Encampment Cleanup	\$5,000.00	\$1,000.00			Jun-21
TOTALS		\$100,000.00	\$20,000.00	\$1,879.09	9.4%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:
 Cleaned Cedar Avenue channel twice a year (CACH 0000-0148) and graffiti removal. Routine maintenance work activities

Work to be completed during current Fiscal Year:
 Inspect and clean storm drain facilities. Clean open channel twice a year (CACH 0000-0148) and graffiti removal. Routine maintenance work activities

Consultant/Contractor: N/A
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
THIRD QUARTER - FY 2020-2021**

MWP Facility #: LV52
 Facility Name: Gowan/Angel Pk/Lone Mtn System
 MP Facility ID: GONO 0000 - 0110, GOSO 0000 - 0462, GODU 0000 - 0050, GOL5 0000-0032
GOOF 0427 - 0775, GOCR 0180 - 0201, GOLB 0000 - 0030, GOL3 0000-0214
GOLM 0000 - 0277, GOBU 0000 - 0136, GOBW 0051-0310, GOBX 0000-0009
APDG 0000 - 0060, APOF 0000 - 0124, APP1 0000 - 0056, GOTE 0000, GOB3 0000
GOO2 0000 - 0257, APNO 0015, APNO 0012, GOLO 0152-0332, APNO 0001-0004
APSP 0000 - 0183, APBI 0000 - 0122, APSO 0000, APSO 0020, GOBE 0000-0139
APSO 0204, APSO 0254, APSO 0255, APSO 0345, APMD 0027, APD2 0000 - 0002
APMD 0132, APMD 0190 - 0258, GOL2 0000 - 0014, APD3 0000 - 0021, GOWC 0000, APCB 0000-0080
GOL4 0000 - 0026, APFH 0000 - 0089, APM5 0000-0047, APM5 0047, APAD 0000 - 0225

Entity: City of Las Vegas
 Date Prepared: 4/28/2021

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$5,000.00	\$5,000.00			Jun-21
FA 05	Inspect Channels	\$6,000.00	\$6,000.00			Jun-21
FA 06	Inspect Levees/Detention and Debris Basins	\$5,000.00	\$5,000.00			Jun-21
FA 08	Species Survey and Removal	\$5,000.00	\$5,000.00			Jun-21
	10 Clean and Reshape Channels/Levees	\$12,000.00	\$12,000.00			Jun-21
FA 15	Repair Lined Channel	\$500,000.00	\$490,000.00	\$4,290.00		Jun-21
FA 20	Erosion Control and Repair	\$20,000.00	\$20,000.00			Jun-21
FA 21	Provide/Maintain Dust Control	\$5,000.00	\$5,000.00			Jun-21
FA 25	Clean Detention Debris Basins	\$40,000.00	\$15,000.00			Jun-21
FA 35	Fence Repair	\$30,000.00	\$5,000.00			Jun-21
	40 Vegetation Control - Chemical	\$2,000.00	\$2,000.00			Jun-21
FA 45	Vegetation Control - Mechanical	\$10,000.00	\$5,000.00			Jun-21
	50 Maintain Access Road	\$5,000.00	\$5,000.00			Jun-21
FA 55	Clean & Inspect Inlet/Outlet Structures	\$20,000.00	\$5,000.00			Jun-21
FA 60	Repair Inlet/Outlet Structures	\$20,000.00	\$35,000.00	\$31,362.20		Jun-21
	65 Clean Storm Sewer Lines	\$10,000.00				Jun-21
FA 70	Storm Sewer Repair	\$20,000.00	\$20,000.00			Jun-21
FA 75	Clean/Flush Culverts & Bridges	\$50,000.00	\$20,000.00			Jun-21
FA 80	Miscellaneous Work Activities	\$10,000.00	\$10,000.00	\$7,816.25		Jun-21
FA 85	Engineering	\$30,000.00	\$90,000.00	\$80,320.34		Jun-21
FA 90	Homeless Encampment Cleanup	\$10,000.00	\$10,000.00			Jun-21
TOTALS		\$815,000.00	\$770,000.00	\$123,788.79	16.1%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Graffiti and trash removed. Constructed maintenance access road to Gowan South and North DB outfalls. Vegetation control and sediment removed throughout the detention basins. Routine maintenance work.

Work to be completed during current Fiscal Year:

Repair section of damaged concrete channel (GOBE:0001). Re-grout and replace joint seals along Cheyenne Channel. Graffiti and trash removal. Vegetation control and sediment removal throughout the detention basins. Routine maintenance work activities.

Consultant/Contractor: N/A
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
THIRD QUARTER - FY 2020-2021**

MWP Facility # LV53
 Facility Name Lake Mead/Smoke Ranch/Washington System
 MP Facility ID LVLM 0336 - 0525, LVSR 0312 - 0525,
LV15 0284 - 0474, LVOW 0000 - 0355,
LVRA 0000 - 0066, LVPK 0000 - 0130

Entity City of Las Vegas
 Date Prepared 4/28/2021

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$5,000.00				Jun-21
FA 05	Inspect Channels	\$10,000.00				Jun-21
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
FA 10	Clean and Reshape Channels/Levees	\$2,500.00				Jun-21
FA 15	Repair Lined Channel	\$3,500.00	\$5,200.00	\$5,120.00		Jun-21
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
FA 35	Fence Repair	\$2,000.00	\$70,000.00	\$62,352.30		Jun-21
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical		\$1,000.00	\$208.98		
	50 Maintain Access Road					
FA 55	Clean & Inspect Inlet/Outlet Structures	\$16,000.00				Jun-21
FA 60	Repair Inlet/Outlet Structures	\$5,000.00				Jun-21
FA 65	Clean Storm Sewer Lines	\$2,500.00				Jun-21
FA 70	Storm Sewer Repair	\$28,000.00	\$1,000.00			Jun-21
	75 Clean/Flush Culverts & Bridges	\$15,000.00	\$1,000.00			Jun-21
FA 80	Miscellaneous Work Activities	\$2,500.00	\$1,300.00	\$687.77		Jun-21
FA 85	Engineering	\$3,000.00	\$52,000.00	\$46,664.20		Jun-21
FA 90	Homeless Encampment Cleanup	\$5,000.00	\$1,500.00	\$650.00		Jun-21
TOTALS		\$100,000.00	\$133,000.00	\$115,683.25	87.0%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:
 Removed debris and cleaned drop inlets. Routine maintenance work activities

Work to be completed during current Fiscal Year:
 Remove debris, clean drop inlets, and repair any damages. Routine maintenance work activities

Consultant/Contractor N/A
 Project Manager Oh Sang kwon, P.E./Matthew Meyer, P.E. Phone Number 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
THIRD QUARTER - FY 2020-2021**

MWP Facility #: LV54
 Facility Name: Las Vegas Wash System
 MP Facility ID: LVMD 1069 - 1354

Entity: City of Las Vegas
 Date Prepared: 4/28/2021

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$10,000.00	\$1,000.00			Jun-21
FA 05	Inspect Channels	\$20,000.00	\$1,000.00			Jun-21
	06 Inspect Levees/Detention and Debris Basins					
FA 08	Species Survey and Removal	\$15,000.00	\$1,000.00			Jun-21
FA 10	Clean and Reshape Channels/Levees	\$85,000.00	\$85,000.00	\$36,731.33		Jun-21
FA 15	Repair Lined Channel	\$300,000.00	\$230,000.00	\$216,085.69		Jun-21
	20 Erosion Control and Repair	\$5,000.00	\$1,000,000.00	\$605,106.91		Jun-21
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
FA 35	Fence Repair	\$20,000.00	\$5,000.00	\$3,197.20		Jun-21
	40 Vegetation Control - Chemical					
FA 45	Vegetation Control - Mechanical	\$173,000.00	\$173,000.00	\$83,600.00		Jun-21
	50 Maintain Access Road	\$2,000.00	\$2,000.00			Jun-21
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
FA 70	Storm Sewer Repair	\$5,000.00	\$1,000.00			Jun-21
FA 75	Clean/Flush Culverts & Bridges	\$5,000.00	\$1,000.00			Jun-21
FA 80	Miscellaneous Work Activities	\$10,000.00	\$4,000.00	\$953.10		Jun-21
FA 85	Engineering	\$30,000.00	\$150,000.00	\$128,863.69		Jun-21
FA 90	Homeless Encampment Cleanup	\$20,000.00	\$11,000.00			Jun-21
TOTALS		\$700,000.00	\$1,665,000.00	\$1,074,537.92	64.5%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Bi-annual vegetation control and erosion control along the Las Vegas Wash. Cleaned homeless encampment. Removed sediments and trash.

Work to be completed during current Fiscal Year:

Address standing water at the Bonanza system Outlet. Reset Riprap along the wash from Bonanza to Washington. Repair damaged gabion mat. Homeless encampment cleanup. Provide bi-annual vegetation control. Continue with the sediment removal. Routine maintenance work activities.

Consultant/Contractor: N/A
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
THIRD QUARTER - FY 2020-2021**

MWP Facility #: LV55
 Facility Name: Meadows/Oakey System
 MP Facility ID: LCME 0000 - 0085, MECH 0108 - 0420,
MEAL 0000 - 0258, MEPA 0000 - 0025, MEOK 0000 - 0217

Entity: City of Las Vegas
 Date Prepared: 4/28/2021

Force Account Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA	03 Facility Assessment and Inventory	\$10,000.00	\$1,000.00			Jun-21
	05 Inspect Channels	\$1,000.00	\$1,000.00			Jun-21
	06 Inspect Levees/Detention and Debris Basins	\$1,000.00	\$1,000.00			Jun-21
	08 Species Survey and Removal	\$2,000.00	\$1,000.00			Jun-21
FA	10 Clean and Reshape Channels/Levees	\$10,000.00	\$1,000.00			Jun-21
FA	15 Repair Lined Channel	\$6,000.00	\$1,000.00			Jun-21
	20 Erosion Control and Repair	\$7,500.00	\$1,000.00			Jun-21
	21 Provide/Maintain Dust Control					
FA	25 Clean Detention Debris Basins	\$10,000.00	\$1,000.00			Jun-21
	35 Fence Repair	\$2,000.00	\$13,000.00	\$10,665.00		Jun-21
	40 Vegetation Control - Chemical	\$2,000.00	\$1,000.00			Jun-21
	45 Vegetation Control - Mechanical	\$5,000.00	\$1,000.00			Jun-21
FA	50 Maintain Access Road	\$5,000.00	\$1,000.00			Jun-21
FA	55 Clean & Inspect Inlet/Outlet Structures	\$8,000.00	\$1,000.00			Jun-21
FA	60 Repair Inlet/Outlet Structures	\$8,000.00	\$25,000.00	\$22,299.27		Jun-21
	65 Clean Storm Sewer Lines	\$2,000.00	\$1,000.00			Jun-21
FA	70 Storm Sewer Repair	\$7,500.00	\$1,000.00			Jun-21
FA	75 Clean/Flush Culverts & Bridges	\$1,000.00	\$1,000.00			Jun-21
FA	80 Miscellaneous Work Activities	\$2,000.00	\$2,000.00	\$1,538.75		Jun-21
FA	85 Engineering	\$5,000.00	\$2,000.00	\$494.91		Jun-21
FA	90 Homeless Encampment Cleanup	\$5,000.00	\$1,000.00			Jun-21
TOTALS		\$100,000.00	\$58,000.00	\$34,997.93	60.3%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Removed sediment and Vegetation control from Oakey DB and Meadows DB. Routine maintenance work activities.

Work to be completed during current Fiscal Year:

Continue to repair and clean storm drain facilities. Remove sediment and vegetation from the detention basins. Repair embankment erosions in the detention basins. Routine maintenance work activities.

Consultant Contractor: N/A
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
THIRD QUARTER - FY 2020-2021**

MWP Facility # LV56
 Facility Name Washington Ave/Las Vegas Creek System
 MP Facility ID LCLT 0000 - 0034, WAPR 0000 - 0132, FWRR 0000-0010
FWUP 0000 - 0100, LVWH 0086 - 0484, FWR2 0000-0020
FW15 0000 - 0301, FWOK 0000 - 0100, FWWL 0000,
FWCH 0000 - 0060, FWSH 0000, LCCH 0513 - 0543,
LCLO 0000 - 0054, WAGC 0000 - 0060, CHRA 0000 - 0014

Entity City of Las Vegas
 Date Prepared 4/28/2021

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$10,000.00	\$1,000.00			Jun-21
FA 05	Inspect Channels	\$10,000.00	\$1,000.00			Jun-21
	06 Inspect Levees/Detention and Debris Basins	\$2,000.00	\$1,000.00			Jun-21
	08 Species Survey and Removal					
FA 10	Clean and Reshape Channels/Levees	\$57,500.00	\$2,500.00			Jun-21
FA 15	Repair Lined Channel	\$50,000.00	\$5,000.00			Jun-21
	20 Erosion Control and Repair	\$5,000.00	\$1,000.00			Jun-21
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins	\$10,000.00	\$5,000.00	\$2,700.00		Jun-21
	35 Fence Repair	\$5,000.00	\$1,000.00	\$251.94		Jun-21
	40 Vegetation Control - Chemical	\$2,000.00	\$1,000.00			Jun-21
	45 Vegetation Control - Mechanical	\$2,000.00	\$1,000.00			Jun-21
	50 Maintain Access Road	\$1,000.00	\$20,000.00	\$17,897.28		Jun-21
FA 55	Clean & Inspect Inlet/Outlet Structures	\$40,000.00	\$5,000.00			Jun-21
FA 60	Repair Inlet/Outlet Structures	\$60,000.00	\$5,000.00			Jun-21
FA 65	Clean Storm Sewer Lines	\$10,000.00				Jun-21
FA 70	Storm Sewer Repair	\$7,500.00	\$2,500.00			Jun-21
FA 75	Clean/Flush Culverts & Bridges	\$25,000.00	\$5,000.00			Jun-21
FA 80	Miscellaneous Work Activities	\$5,000.00	\$2,000.00	\$607.50		Jun-21
FA 85	Engineering	\$8,000.00	\$10,000.00	\$7,947.15		Jun-21
FA 90	Homeless Encampment Cleanup	\$75,000.00	\$5,000.00			Jun-21
TOTALS		\$385,000.00	\$74,000.00	\$29,403.87	39.7%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Removed and cleared vegetation from the Rainbow Detention Basins. Removed sediments and cleared vegetation from the Freeway Channel openings along I-15 and Veterans Memorial Drive. Routine maintenance work activities.

Work to be completed during current Fiscal Year:

Install trash racks on LCCH0518, FW150214 and FWR20000 to deter homeless encampment. Remove sediments and clear vegetation from the Freeway Channel openings along I-15 and Veterans Memorial Drive. Clean Las Vegas Creek Channel. Homeless encampment cleanup. Routine maintenance work activities.

Consultant/Contractor N/A
 Project Manager Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
THIRD QUARTER - FY 2020-2021**

MWP Facility #: LV57
 Facility Name: US95/OuterBeltway/Ann Road System
 MP Facility ID: RCIO 0000 - 0071, ANWE 0127 - 0385, CNWE 0020-0314
RCHB 0171 - 0295, RCHB 0120, RCHB 0000-0075, RCBC 0000-0140
EKDB 0000 - 0070, GOAN 0000 - 0061, GOAN 0065-0127
CNGT 0000 - 0247, CNKC 0000 - 0050, LVMD 2324 - 2789
EKHU 0003 - 0023, BCHU 0000 - 0054, ANRB 0000-0050
MSNV 0000, LVMJ 0000-0100, LVDL 0000-0027, MOHU 0167-0180
CN95 0000 - 0333, EKBU 0000, LVM 3313-3316, MOIR 0085-0099
RACO 0000-0064, BRDB 0000-0058, TSDB 0000-0012, MOLC 0149

Entity: City of Las Vegas
 Date Prepared: 4/28/2021

Force Account/ Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
FA	03 Facility Assessment and Inventory	\$10,000.00				Jun-21
	05 Inspect Channels	\$5,000.00				Jun-21
	06 Inspect Levees/Detention and Debris Basins	\$5,000.00				Jun-21
	08 Species Survey and Removal	\$2,000.00				Jun-21
	10 Clean and Reshape Channels/Levees	\$5,000.00				Jun-21
FA	15 Repair Lined Channel	\$50,000.00				Jun-21
FA	20 Erosion Control and Repair	\$105,000.00				Jun-21
FA	21 Provide/Maintain Dust Control	\$50,000.00				Jun-21
FA	25 Clean Detention Debris Basins	\$470,000.00	\$370,000.00	\$366,669.55		Jun-21
FA	35 Fence Repair	\$20,000.00				Jun-21
	40 Vegetation Control - Chemical	\$5,000.00				Jun-21
	45 Vegetation Control - Mechanical	\$5,000.00	\$10,000.00	\$7,200.00		Jun-21
FA	50 Maintain Access Road	\$50,000.00				Jun-21
FA	55 Clean & Inspect Inlet/Outlet Structures	\$40,000.00				Jun-21
FA	60 Repair Inlet/Outlet Structures	\$100,000.00	\$30,000.00	\$24,542.10		Jun-21
FA	65 Clean Storm Sewer Lines	\$20,000.00				Jun-21
FA	70 Storm Sewer Repair	\$20,000.00				Jun-21
FA	75 Clean/Flush Culverts & Bridges	\$10,000.00				Jun-21
FA	80 Miscellaneous Work Activities	\$10,000.00	\$10,000.00	\$8,020.00		Jun-21
FA	85 Engineering	\$8,000.00	\$60,000.00	\$53,352.17		Jun-21
FA	90 Homeless Encampment Cleanup	\$10,000.00				Jun-21
TOTALS		\$1,000,000.00	\$480,000.00	\$459,783.82	95.8%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Removed debris, sediment, and vegetation control in various detention basins. Installed new monitoring station to Kyle Canyon DB. Routine maintenance work activities.

Work to be completed during current Fiscal Year:

Sediment and vegetation removal from the detention basins. Secure access to Kyle Canyon DB. Add access block and chain to Sky Canyon DB1. Routine maintenance work activities.

Consultant Contractor: N/A

Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 QUARTERLY STATUS REPORT - FY 2020-2021

MWP Facility #: ME01
 Facility Name: Mesquite Town Wash
 MP Facility ID: TOWA 0000-0201

Entity: City of Mesquite
 Date Prepared: 04.27.21
 Quarter: 3rd Qrt Jan/Feb/Mar 21

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00	\$ 300.00	\$ 269.40		
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 6,900.00	\$ 6,900.00	\$ -		
	15 Repair Lined Channel	\$ 3,000.00	\$ 1,956.67	\$ -		
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 3,800.00	\$ 4,843.33	\$ 4,843.33		
	45 Vegetation Control - Mechanical	\$ 2,000.00	\$ 2,000.00	\$ 742.72		
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 3,000.00	\$ 3,000.00	\$ -		
	85 Engineering					
	90 Homeless Encampment Cleanup					
	TOTALS	\$19,000.00	\$19,000.00	\$5,855.45	31%	30-Jun-21

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/

Contractor: N/A

Project

Manager:


 Travis H. Anderson P.E - PW Director

Phone Number: 702-346-5237

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 QUARTERLY STATUS REPORT - FY 2020-2021

MWP Facility #: ME02
 Facility Name: Abbott Wash Channel
 MP Facility ID: ABWA 0000-0233

Entity: City of Mesquite
 Date Prepared: 04.27.21
 Quarter: 3rd Qrt Jan/Feb/Mar 21

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00	\$ 269.40	\$ 269.40		
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 3,000.00	\$ 3,000.00	\$ -		
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 3,000.00	\$ 3,000.00	\$ 294.52		
	21 Provide/Maintain Dust Control	\$ 2,000.00	\$ -	\$ -		
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 2,500.00	\$ 4,843.33	\$ 4,843.33		
	45 Vegetation Control - Mechanical	\$ 1,000.00	\$ 1,000.00	\$ 742.72		
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$ 500.00	\$ 187.27	\$ -		
	80 Miscellaneous Work Activities	\$ 2,000.00	\$ 2,000.00	\$ -		
	85 Engineering					
	90 Homeless Encampment Cleanup					
	TOTALS	\$14,300.00	\$14,300.00	\$6,149.97	43%	30-Jun-21

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/
 Contractor: N/A
 Project
 Manager: *Travis H. Anderson* Phone Number: 702-346-5237
 Travis H. Anderson P.E - PW Director

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 QUARTERLY STATUS REPORT - FY 2020-2021

MWP Facility #: ME04
 Facility Name: Town Wash Detention Basin
 MP Facility ID: TOWA 0237-0267 & MNTP 0000

Entity: City of Mesquite
 Date Prepared: 04.27.21
 Quarter: 3rd Qrt Jan/Feb/Mar 21

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,600.00	\$ 2,600.00	\$ 2,230.00		
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$ 4,000.00	\$ 4,000.00	\$ 179.60		
	25 Clean Detention Debris Basins	\$ 320,000.00	\$ 320,000.00	\$ -		
	35 Fence Repair		\$ 683.31	\$ 683.31		
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road	\$ 800.00	\$ 800.00	\$ -		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 1,000.00	\$ 1,000.00	\$ -		
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 4,000.00	\$ 4,000.00	\$ -		
	85 Engineering	\$ 5,000.00	\$ 4,316.69	\$ -		
	90 Homeless Encampment Cleanup					
	TOTALS	\$337,400.00	\$337,400.00	\$3,092.91	1%	30-Jun-21

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/
 Contractor: N/A
 Project
 Manager: *Travis H. Anderson*
 Travis H. Anderson P.E - PW Director

Phone Number: 702-346-5237

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 QUARTERLY STATUS REPORT - FY 2020-2021

MWP Facility #: ME07
 Facility Name: Pulsipher Wash
 MP Facility ID: PUWA 0000-0164

Entity: City of Mesquite
 Date Prepared: 04.27.21
 Quarter: 3rd Qrt Jan/Feb/Mar 21

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00	\$ 269.40	\$ 269.40		
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 14,000.00	\$ 11,444.54	\$ 7,099.40		
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 7,000.00	\$ 7,000.00	\$ 658.64		
	21 Provide/Maintain Dust Control	\$ 2,000.00	\$ 2,000.00	\$ 432.72		
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 2,000.00	\$ 4,843.34	\$ 4,843.34		
	45 Vegetation Control - Mechanical	\$ 1,000.00	\$ 742.72	\$ 742.72		
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 3,100.00	\$ 3,100.00	\$ -		
	85 Engineering					
	90 Homeless Encampment Cleanup					
	TOTALS	\$29,400.00	\$29,400.00	\$14,046.22	48%	30-Jun-21

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/
 Contractor:
 Project
 Manager:

N/A


 Travis H. Anderson P.E - PW Director

Phone Number: 702-346-5237

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 QUARTERLY STATUS REPORT - FY 2020-2021

MWP Facility #: ME08
 Facility Name: Abbott Wash Detention Basin
 MP Facility ID: ABWA 0234-0236

Entity: City of Mesquite
 Date Prepared: 04.27.21
 Quarter: 3rd Qrt Jan/Feb/Mar 21

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,500.00	\$ -	\$ 1,836.25		
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 5,000.00	\$ -	\$ -		
	21 Provide/Maintain Dust Control	\$ 2,000.00	\$ -	\$ -		
	25 Clean Detention Debris Basins	\$ 40,000.00	\$ -	\$ -		
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 1,000.00	\$ -	\$ -		
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road	\$ 1,000.00	\$ -	\$ -		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00	\$ -	\$ -		
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 1,000.00	\$ -	\$ 497.36		
	85 Engineering	\$ 5,000.00	\$ -	\$ -		
	90 Homeless Encampment Cleanup					
	TOTALS	\$60,000.00	\$0.00	\$2,333.61	4%	30-Jun-21

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/
 Contractor: N/A
 Project
 Manager: *Travis H. Anderson*
 Travis H. Anderson P.E - PW Director

Phone Number: 702-346-5237

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 QUARTERLY STATUS REPORT - FY 2020-2021

MWP Facility #: ME09
 Facility Name: Pulsipher Wash Detention Basin
 MP Facility ID: PUWA 0166-0168

Entity: City of Mesquite
 Date Prepared: 04.27.21
 Quarter: 3rd Qrt Jan/Feb/Mar 21

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,500.00	\$ 2,056.25	\$ 1,706.25		
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 7,700.00	\$ 7,700.00	\$ -		
	21 Provide/Maintain Dust Control	\$ 2,000.00	\$ 2,000.00	\$ -		
	25 Clean Detention Debris Basins	\$ 10,000.00	\$ 10,000.00	\$ -		
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 1,000.00	\$ 1,000.00	\$ -		
	45 Vegetation Control - Mechanical	\$ 1,000.00	\$ 1,000.00	\$ -		
	50 Maintain Access Road		\$ 538.85	\$ 538.85		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00	\$ 2,500.00	\$ -		
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 1,000.00	\$ 1,000.00	\$ 534.96		
	85 Engineering	\$ 2,000.00	\$ 1,904.90	\$ -		
	90 Homeless Encampment Cleanup					
	TOTALS	\$29,700.00	\$29,700.00	\$2,780.06	9%	30-Jun-21

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/
 Contractor: N/A
 Project
 Manager: *Travis H. Anderson*
 Travis H. Anderson P.E. - PW Director

Phone Number: 702-346-5237

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV01
 Facility Name: Las Vegas Wash - "N" Channel
 MP Facility ID: LVNC 0001-0164

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	\$ 103.24	\$396.76	21%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	\$ -	\$0.00		
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ 23,500.00	(\$22,354.84)	\$ 1,145.16	\$ -	\$1,145.16	0%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ -		\$ -	\$ -	\$0.00		
	21 Provide/Maintain Dust Control	\$ 2,000.00		\$ 2,000.00	\$ -	\$0.00	0%	
	25 Clean Detention/Debris Basin	\$ -		\$ -	\$ -	\$0.00		
	35 Fence Repair	\$ 2,000.00	(\$1,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	40 Vegetation Control - Chemical	\$ 2,000.00	(\$1,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	\$ -	\$0.00		
	50 Maintain Access Road	\$ 7,500.00	(\$4,500.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,075.00	(\$7,862.74)	\$ 6,212.26	\$ 920.37	\$1,285.89	79%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 1,500.00	(\$1,000.00)	\$ 500.00	\$ -	\$500.00	0%	
	80 Miscellaneous Work Activities	\$ 24,000.00	(\$18,825.33)	\$ 5,174.67	\$ -	\$5,174.67	0%	
	90 Homeless Encampment Clean Up	\$ 2,500.00	(\$2,500.00)	\$ -	\$ -	\$0.00		
	TOTALS	\$ 80,075.00	(\$61,042.91)	\$ 19,032.09	\$ 5,032.61	\$13,999.48		06/30/21

Delays or problem areas: Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

Work completed during prior fiscal year: Cleaned the vegetation in the concrete channel, cleaned the outlet structures and provided maintenance of access roads. Removed many homeless encampments.

Work to be completed during current fiscal year: Clean upper access roadway removing vegetation with mechanical equipment, clean outlet structures. Remove other vegetation and graffiti throughout. Fencing needs will be repaired. Homeless encampment clean up upon occurrence.

Consultant/
 Contractor:
 Project
 Manager: John Runkle

633-1267

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV02
 Facility Name: Las Vegas Wash - Middle
 MP Facility ID: LVMD 1648-1877

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 2,000.00	\$ (1,000.00)	\$ 1,000.00	\$ 1,000.00	\$760.08	24%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	\$ -	\$0.00		
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ 23,500.00	\$228,173.63	\$ 251,673.63	\$ 251,673.63	\$0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ 3,500.00	\$44,100.00	\$ 47,600.00	\$ 47,600.00	\$0.00	100%	
	21 Provide/Maintain Dust Control	\$ 2,000.00		\$ 2,000.00	\$ -	\$0.00	0%	
	25 Clean Detention/Debris Basin	\$ -		\$ -	\$ -	\$0.00		
	35 Fence Repair	\$ 19,000.00	\$32,480.00	\$ 51,480.00	\$ 31,480.00	\$0.00	100%	
	40 Vegetation Control - Chemical	\$ 9,000.00	(\$8,047.41)	\$ 952.59	\$ 497.70	\$454.89	52%	
	45 Vegetation Control - Mechanical	\$ 15,000.00	(\$10,300.00)	\$ 4,500.00	\$ 3,850.00	\$647.82	86%	
	50 Maintain Access Road	\$ 17,500.00	(\$17,087.54)	\$ 412.46	\$ -	\$412.46	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 5,000.00	(\$5,000.00)	\$ -	\$ -	\$0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(\$13,471.58)	\$ 599.42	\$ -	\$599.42	0%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 5,000.00	(\$4,953.82)	\$ 46.18	\$ -	\$46.18	0%	
	80 Miscellaneous Work Activities	\$ 36,500.00	\$3,015.92	\$ 39,515.92	\$ 39,515.92	\$0.00	100%	
	90 Homeless Encampment Clean Up	\$ 25,000.00	(\$24,999.99)	\$ 20,900.41	\$ 20,900.41	\$0.00	100%	
	TOTALS	\$ 177,571.00	\$243,589.61	\$ 421,180.61	\$ 415,739.76	\$5,420.85		06/30/21

Delays or problem areas: Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

Work completed during prior fiscal year: Staff has completed major vegetation removal and maintenance of the access roads and cleaned the trash within the channel. Major fence repairs were required. Major homeless encampment cleanup took place.

Work to be completed during current fiscal year: Staff will clean all of the channels within and provide maintenance of all access roads. Repair fences, concrete, and erosion as needed, and remove vegetation, debris and graffiti throughout. Homeless encampment clean up upon occurrence.

Consultant/
 Contractor:
 Project
 Manager: John Runiks

633-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV03
 Facility Name: Las Vegas Wash - King Charles Channel
 MP Facility ID: LVKC 0000-0097

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	\$ 393.76	\$393.76	21%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	\$ -	\$0.00		
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ 4,000.00	(\$3,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ 3,500.00	(\$2,500.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	21 Provide/Maintain Dust Control	\$ -		\$ -	\$ -	\$0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	\$ -	\$0.00		
	35 Fence Repair	\$ 2,000.00	(\$1,500.00)	\$ 500.00	\$ -	\$500.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00	(\$2,500.00)	\$ 500.00	\$ -	\$500.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	\$ -	\$0.00		
	50 Maintain Access Road	\$ 1,000.00	(\$500.00)	\$ 500.00	\$ -	\$500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(\$12,142.83)	\$ 1,928.17	\$ -	\$1,928.17	0%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	(\$1,404.31)	\$ 595.79	\$ -	\$595.79	0%	
	80 Miscellaneous Work Activities	\$ 26,500.00	(\$23,500.00)	\$ 3,000.00	\$ 842.45	\$2,157.55	28%	
	90 Homeless Encampment Clean Up	\$ 13,000.00	\$821.13	\$ 13,821.13	\$ 14,569.82	\$0.00	100%	
	TOTALS	\$ 70,071.00	(\$46,425.91)	\$ 23,645.09	\$ 14,569.82	\$9,075.27		06/30/21

Delays or problem areas: Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

Work completed during prior fiscal year: General maintenance was completed. Removed several homeless encampments.

Work to be completed during current fiscal year: Clean vegetation, graffiti and debris from the channel, repair fencing as needed, and clean inlets and outlets. Homeless encampment clean up upon occurrence.

Consultant/
 Contractor:
 Project
 Manager: John Runits

633-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV04
 Facility Name: Vandenberg Detention Basin
 MP Facility ID: RWWE 0055-0350, RWWE 0363, RWRR 0000-0092,
 RWVA 0000-0104, RWLA 0000-0047, RWCC 0000,
 RWAN 0055, 0100, RWHW 0174-0277, RWAZ 0000

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	6 Inspect Channels	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,500.00		\$ 1,500.00	\$ 204.43	\$1,295.57	14%	
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ 4,000.00		\$ 4,000.00	\$ -	\$4,000.00	0%	
	15 Repair Lined Channel	\$ 500,000.00	(\$481,855.97)	\$ 48,144.03	\$ -	\$48,144.03	0%	
	20 Erosion Control and Repair	\$ 13,000.00		\$ 13,000.00	\$ -		0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00	(\$8,000.00)	\$ 2,000.00	\$ -	\$2,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 8,000.00	(\$2,000.00)	\$ 6,000.00	\$ 1,038.22	\$4,961.78	17%	
	35 Fence Repair	\$ 13,000.00	(\$4,999.00)	\$ 8,000.00	\$ 7,167.00	\$833.00	80%	
	40 Vegetation Control - Chemical	\$ 5,000.00	(\$2,000.00)	\$ 3,000.00	\$ -	\$3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 1,000.00		\$ 1,000.00	\$ -	\$1,000.00	0%	
	50 Maintain Access Road	\$ 1,500.00		\$ 1,500.00	\$ -	\$1,500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(\$5,800.00)	\$ 8,571.00	\$ 2,877.20	\$5,693.74	30%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 3,500.00		\$ 3,500.00	\$ -	\$3,500.00	0%	
	80 Miscellaneous Work Activities	\$ 23,000.00	(\$10,891.61)	\$ 12,108.39	\$ 5,774.89	\$6,333.50	48%	
	90 Homeless Encampment Clean Up	\$ 2,500.00	(\$2,500.00)	\$ -	\$ -	\$0.00		
	TOTALS	\$ 601,071.00	(487,747.58)	\$ 113,323.42	\$ 16,761.80	\$96,561.62		06/30/21

Delays or problem areas: Removed many encampments. Staff received estimate for needed lined channel repairs. It was estimated at \$1.2 million. Staff would like to break the project into three phases completing one per year for the next three years. If approved we will keep line item 15 at \$500,000 for the next three years to complete project.

Work completed during prior fiscal year: Staff provided erosion control, dust control, fence repairs and vegetation removal along embankment slopes and access roads. Staff cleaned, inspected and maintained channels, inlet and outlet structures, and removed debris and graffiti as needed. Received estimate at \$1.2 million for channel repairs.

Work to be completed during current fiscal year: Staff will continue to provide erosion control, dust control, fence repairs and vegetation removal along embankment slopes and access roads. Staff will clean, inspect and maintain channels, inlet and outlet structures, and remove debris and graffiti as needed. First phase of estimated three phases to remove and replace the concrete on lined channel for Vandenberg Channel between Lone Mountain & Craig Road. Staff will make a three year project to break up the cost of removal and replacement of damaged lined channel. Homeless encampment clean up upon occurrence.

Consultant/
 Contractor:
 Project
 Manager: John Runiks

633-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV05
 Facility Name: North Las Vegas Detention Basin
 MP Facility ID: LVUP 0388-0405, EKEA 0000,0013

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 4,500.00	(\$3,000.00)	\$ 1,500.00	\$ 159.36	\$1,340.64	11%	
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ -		\$ -	\$ -	\$0.00		
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ -	\$47,933.47	\$ 47,933.47	\$ 47,933.47	\$0.00	100%	
	21 Provide/Maintain Dust Control	\$ 20,000.00	(\$5,000.00)	\$ 15,000.00	\$ -		0%	
	26 Clean Detention/Debris Basin	\$ 80,000.00	(\$77,305.55)	\$ 2,694.45	\$ 608.00	\$2,086.45	23%	
	35 Fence Repair	\$ 4,000.00	(\$3,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	40 Vegetation Control - Chemical	\$ -		\$ -	\$ -	\$0.00		
	45 Vegetation Control - Mechanical	\$ 43,000.00	(\$41,207.17)	\$ 1,792.83	\$ -	\$1,792.83	0%	
	50 Maintain Access Road	\$ 2,000.00	(\$1,500.00)	\$ 500.00	\$ -	\$500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 3,500.00	(\$2,500.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ -		\$ -	\$ -	\$0.00		
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ -		\$ -	\$ -	\$0.00		
	80 Miscellaneous Work Activities	\$ 21,500.00	(\$13,767.45)	\$ 7,732.55	\$ 5,633.19	\$2,099.36	73%	
	90 Homeless Encampment Clean Up	\$ -		\$ -	\$ -	\$0.00		
	TOTALS	\$ 179,500.00	(\$99,346.70)	\$ 80,153.30	\$ 54,334.02	\$25,819.28		06/30/21

Delays or problem areas: Excessive fence penetrations from offroad vehicles causing extensive repairs. Have many fencing repairs delayed due to new fencing contract.

Work completed during prior fiscal year: Staff provided erosion control, dust control as needed, fence repairs as needed, provided vegetation removal, cleaned inlets and outlets and maintained access roads.

Work to be completed during current fiscal year: Staff will continue to provide erosion control, maintain dust control, maintain access roads, clean outlets and inlets, remove vegetation and graffiti, and provide fence repairs.

Consultant/
 Contractor: _____
 Project
 Manager: John Runks

633-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV06
 Facility Name: Upper Las Vegas Wash Detention Basin and Moccasin Levee
 MP Facility ID: LVUP 0908-1077

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 5,500.00	(\$ 100.00)	\$ 400.00	\$ 279.32	\$120.68	70%	
	8 Species Survey and Removal	\$ 3,000.00	(\$ 3,000.00)	\$ 500.00	\$ -	\$500.00	0%	
	10 Clean and Reshape Channel/Levees	\$ 8,000.00	(\$ 7,000.00)	\$ 500.00	\$ -	\$500.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ 40,000.00	\$ 19,500.00)	\$ 500.00	\$ -	\$500.00	0%	
	21 Provide/Maintain Dust Control	\$ 20,000.00	(\$ 3,320.00)	\$ 14,570.99	\$ -		0%	
	25 Clean Detention/Debris Basin	\$ 40,000.00	\$ 39,268.87	\$ 711.13	\$ -	\$711.13	0%	
	35 Fence Repair	\$ 4,500.00	(\$ 4,000.00)	\$ 500.00	\$ -	\$500.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00	(\$ 1,774.65)	\$ 1,225.35	\$ -	\$1,225.35	0%	
	45 Vegetation Control - Mechanical	\$ 5,500.00	(\$ 5,000.00)	\$ 500.00	\$ -	\$500.00	0%	
	50 Maintain Access Road	\$ 1,500.00	(\$ 1,251.60)	\$ 248.40	\$ -	\$248.40	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ -		\$ -	\$ -	\$0.00		
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ -		\$ -	\$ -	\$0.00		
	80 Miscellaneous Work Activities	\$ 20,500.00	(\$ 11,748.40)	\$ 8,751.60	\$ 8,751.60	\$0.00	100%	
	90 Homeless Encampment Clean Up	\$ -		\$ -	\$ -	\$0.00		
	TOTALS	\$ 152,500.00	(\$ 123,092.53)	\$ 29,407.47	\$ 9,030.92	\$20,376.55		06/30/21

Delays or problem areas: Continued to work with Las Vegas to remove debris being dumped. Due to Tule Springs development we have seen an increased amount of offroad vehicles in this area.

Work completed during prior fiscal year: Staff provided erosion control, dust control as needed, fence repairs, vegetation removal, cleaned inlet and outlet structures, maintained access roads and provided scheduled maintenance on the levee. Major erosion repairs.

Work to be completed during current fiscal year: Staff will continue erosion repairs on north side of levee, bottom of DB, and along Decatur; silt build-up inside DB and grading of inside basin access road; and vandalism in outlet structure. Staff will provide erosion and dust control, remove vegetation, provide fence repairs, clean outlets and inlets, maintain access roads and inspect/monitor levee.

Consultant/
 Contractor:
 Project
 Manager: John Runiks

633-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV07
 Facility Name: Carey/Lake Mead Detention Basin
 MP Facility ID: LVLM 0000-0270, LVCS 0000-0050

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ -		\$ -	\$ -	\$0.00		
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,800.00	(\$1,138.97)	\$ 661.03	\$ 265.60	\$395.43	40%	
	8 Species Survey and Removal	\$ 1,500.00	(\$1,000.00)	\$ 500.00	\$ -	\$500.00	0%	
	10 Clean and Reshape Channel/Levees	\$ -	\$49,754.72	\$ 49,754.72	\$ 49,754.72	\$0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ 15,000.00	(\$13,888.88)	\$ 1,110.12	\$ -	\$1,110.12	0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00	(\$5,000.00)	\$ 5,000.00	\$ -		0%	
	25 Clean Detention/Debris Basin	\$ 12,000.00	\$205,315.90	\$ 217,315.90	\$ 217,315.90	\$0.00	100%	
	35 Fence Repair	\$ 8,500.00	(\$6,500.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	40 Vegetation Control - Chemical	\$ 5,000.00	(\$4,000.00)	\$ 1,000.00	\$ 275.40	\$724.60	28%	
	45 Vegetation Control - Mechanical	\$ 10,000.00	(\$9,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	50 Maintain Access Road	\$ -		\$ -	\$ -	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 5,000.00	(\$3,205.00)	\$ 1,805.00	\$ -	\$1,805.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00		\$ 14,071.00	\$ 12,726.60	\$1,345.14	90%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00		\$ 2,000.00	\$ -	\$2,000.00	0%	
	80 Miscellaneous Work Activities	\$ 19,700.00		\$ 19,700.00	\$ 10,749.57	\$8,950.43	55%	
	90 Homeless Encampment Clean Up	\$ 3,500.00	\$87,332.25	\$ 90,832.25	\$ 90,832.25	\$0.00	100%	
	TOTALS	\$ 106,571.00	\$299,479.02	\$ 406,050.02	\$ 381,919.30	\$24,130.72		06/30/21

Delays or problem areas: Removed many encampments.

Work completed during prior fiscal year: Staff provided erosion control, cleaned trash and debris, and removed vegetation from rock areas. Fencing was repaired, cleaned outlet structures, maintained access road, and provided major dust control. Homeless encampment clean up upon occurrence.

Work to be completed during current fiscal year: Staff will continue to provide dust control, vegetation removal, and repair damage fencing as needed. Clean along perimeter fence, and repair erosion along outer slopes. Boxes will be cleaned. Homeless encampment clean up upon occurrence. Repair concrete on water level gauge. Remove stockpile of debris created from cleaning basin.

Consultant/
 Contractor:
 Project
 Manager: John Runkls

633-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV08
 Facility Name: Gowan Outfall Channel
 MP Facility ID: GOOF 0000-0224, GOCR 0000-0080,
 GOLO 0000-0100

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	\$ 267.60	\$234.40	53%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	\$ -	\$0.00		
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ 3,500.00	(\$2,500.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	16 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ -		\$ -	\$ -	\$0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	\$ -	\$0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	\$ -	\$0.00		
	35 Fence Repair	\$ 7,500.00	(\$4,000.00)	\$ 3,500.00	\$ 2,150.00	\$1,350.00	61%	
	40 Vegetation Control - Chemical	\$ 3,000.00	(\$1,500.00)	\$ 1,500.00	\$ -	\$1,500.00	0%	
	45 Vegetation Control - Mechanical	\$ 3,000.00	(\$1,500.00)	\$ 1,500.00	\$ -	\$1,500.00	0%	
	50 Maintain Access Road	\$ -		\$ -	\$ -	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(\$5,000.00)	\$ 9,071.00	\$ 7,179.25	\$1,891.75	87%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 8,000.00	(\$5,000.00)	\$ 3,000.00	\$ -	\$3,000.00	0%	
	80 Miscellaneous Work Activities	\$ 24,000.00	(\$10,413.34)	\$ 13,586.66	\$ 6,130.94	\$7,455.72	45%	
	90 Homeless Encampment Clean Up	\$ 10,000.00	(\$10,000.00)	\$ 1,237.00	\$ 1,237.00	\$0.00	100%	
	TOTALS	\$ 74,071.00	(\$38,676.34)	\$ 35,394.66	\$ 17,682.79	\$17,731.87		06/30/21
Delays or problem areas: Responded to many major encampments. Have many fencing repairs delayed due to new fencing contract.								
Work completed during prior fiscal year: Repaired fencing, provided vegetation removal using mower, and maintained access roads. Homeless encampment clean up upon occurrence								
Work to be completed during current fiscal year: Staff will remove any trash and debris, repair fencing, maintain access roads, remove vegetation and graffiti and clean inlet and outlet structures. Homeless encampment clean up upon occurrence.								

Consultant/
 Contractor: _____
 Project
 Manager: John Runika

833-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV10
 Facility Name: Upper Las Vegas Wash
 MP Facility ID: LVUP 0448-0493

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00	(143.12)	\$ 446.88	\$ -	\$446.88	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	\$53.12	\$ 53.12	\$ 53.12	\$0.00	100%	
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ -	\$29,180.88	\$ 29,180.88	\$ 29,180.88	\$0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ -		\$ -	\$ -	\$0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	\$ -	\$0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	\$ -	\$0.00		
	35 Fence Repair	\$ -		\$ -	\$ -	\$0.00		
	40 Vegetation Control - Chemical	\$ -		\$ -	\$ -	\$0.00		
	45 Vegetation Control - Mechanical	\$ -		\$ -	\$ -	\$0.00		
	50 Maintain Access Road	\$ -		\$ -	\$ -	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ -	\$7,108.87	\$ 7,108.87	\$ 7,108.87	\$0.00	100%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ -		\$ -	\$ -	\$0.00		
	80 Miscellaneous Work Activities	\$ 22,000.00	(\$19,950.75)	\$ 2,049.25	\$ 1,568.29	\$480.96	77%	
	90 Homeless Encampment Clean Up	\$ -		\$ -	\$ -	\$0.00		
	TOTALS	\$ 23,000.00	\$16,336.00	\$ 39,336.00	\$ 37,908.16	\$1,427.84		08/30/21

Delays or problem areas: Foot traffic and minor offroad vehicle traffic have been noticed due to increase in surrounding development.

Work completed during prior fiscal year: Staff provided erosion control, dust control, and removed vegetation.

Work to be completed during current fiscal year: Staff will remove any debris and trash, and remove vegetation and provide erosion and dust control within the channel. Maintain restricted access roads by clearing out any vegetation and adding any regrinds to mitigate any dust activities.

Consultant/
 Contractor:
 Project
 Manager: John Runiks

633-1267

53

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV11
 Facility Name: Clayton Street Channel
 MP Facility ID: LV03 0000-0131, LVSM 0000-0109

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 340.64	\$ -	\$340.64	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	\$159.36	\$ 159.36	\$ 159.36	\$0.00	100%	
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ 5,000.00	(\$4,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ -		\$ -	\$ -	\$0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	\$ -	\$0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	\$ -	\$0.00		
	35 Fence Repair	\$ 4,500.00	(\$3,500.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00	(\$2,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	\$ -	\$0.00		
	50 Maintain Access Road	\$ -		\$ -	\$ -	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00	(\$1,500.00)	\$ 500.00	\$ -	\$500.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(\$3,000.00)	\$ 11,071.00	\$ 8,421.00	\$1,443.34	87%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 1,000.00		\$ 1,000.00	\$ -	\$1,000.00	0%	
	80 Miscellaneous Work Activities	\$ 22,000.00	(\$12,198.84)	\$ 9,801.16	\$ 3,161.20	\$6,639.96	32%	
	90 Homeless Encampment Clean Up	\$ 3,500.00	\$1,862.00	\$ 5,462.00	\$ 5,462.00	\$0.00	100%	
	TOTALS	\$ 56,071.00	(\$24,236.84)	\$ 31,834.16	\$ 18,410.22	\$13,423.94		06/30/21

Delays or problem areas: Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

Work completed during prior fiscal year: Staff repaired fencing, provided vegetation removal, and cleaned inlet and outlet structures. Removed homeless encampment upon occurrence

Work to be completed during current fiscal year: Staff will provide fencing repairs as needed, provide vegetation removal, and clean inlet and outlet structures. Repair erosion at mid channel west side shoulder and at Tropical Parkway at the back of sidewalk. Homeless encampment clean up upon occurrence

Consultant/
 Contractor:
 Project
 Manager: John Runke

633-1267

54

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV12
 Facility Name: Lower Las Vegas Detention Basin
 MP Facility ID: LVMD 1905-2055

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 3,000.00	(\$1,500.00)	\$ 1,500.00	\$ 226.20	\$1,273.80	15%	
	8 Species Survey and Removal	\$ 1,500.00	(\$1,000.00)	\$ 500.00	\$ -	\$500.00	0%	
	10 Clean and Reshape Channel/Levees	\$ -		\$ -	\$ -	\$0.00		
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ 15,000.00	(\$8,041.55)	\$ 6,958.45	\$ -	\$6,958.45	0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00		\$ 10,000.00	\$ -	\$0.00	0%	
	25 Clean Detention/Debris Basin	\$ 10,000.00	\$63,402.08	\$ 73,402.08	\$ 73,402.08	\$0.00	100%	
	35 Fence Repair	\$ 8,500.00	(\$5,500.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	40 Vegetation Control - Chemical	\$ 7,000.00	(\$6,039.02)	\$ 960.98	\$ -	\$960.98	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	\$ -	\$0.00		
	50 Maintain Access Road	\$ 1,000.00	(\$500.00)	\$ 500.00	\$ -	\$500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00	(\$1,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(\$11,000.00)	\$ 3,071.00	\$ -	\$3,071.00	0%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 2,500.00	(\$500.00)	\$ 2,000.00	\$ -	\$2,000.00	0%	
	80 Miscellaneous Work Activities	\$ 20,500.00	(\$10,000.00)	\$ 10,500.00	\$ 5,725.31	\$4,774.69	55%	
	90 Homeless Encampment Clean Up	\$ 2,500.00	(\$2,014.28)	\$ 485.72	\$ 485.72	\$0.00	100%	
	TOTALS	\$ 96,571.00	\$16,307.23	\$ 112,878.23	\$ 79,839.31	\$33,038.92		06/30/21

Delays or problem areas: Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

Work completed during prior fiscal year: Staff provided erosion control, fencing repairs, removed vegetation, cleaned inlet and outlet structures, maintained access roads, and removed large amount of trash and debris from rain events. Fence repairs were completed and homeless encampment clean up upon occurrence

Work to be completed during current fiscal year: Staff will continue to remove trash and debris, provide fencing repairs as needed, maintain access roads, clear out vegetation, clean inlet and outlet structures, and remediate any rills within the embankment. Remove/clean vegetation, trash, and debris north of pedestrian bridge, and repair erosion on south abutment slope and north of pedestrian bridge. Homeless encampment clean up upon occurrence.

Consultant/
 Contractor: _____
 Project
 Manager: John Runika

633-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV13
 Facility Name: West Trib - Ranch House Rd to Lower LV DB
 MP Facility ID: ANWE 0000-0122, CNWE 0000-0005
LVMD 2060-2322, GTEA 0000-0139, AVHR 0020

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00	(\$779.04)	\$ 206.96	\$ -	\$206.96	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	\$293.04	\$ 293.04	\$ 293.04	\$0.00	100%	
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ 6,000.00	\$7,731.88	\$ 13,731.88	\$ 13,731.88	\$0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ 3,000.00	(\$2,018.77)	\$ 981.23	\$ -	\$981.23	0%	
	21 Provide/Maintain Dust Control	\$ -		\$ -	\$ -	\$0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	\$ -	\$0.00		
	35 Fence Repair	\$ 4,000.00	\$15,759.00	\$ 19,759.00	\$ 19,759.00	\$0.00	100%	
	40 Vegetation Control - Chemical	\$ 3,000.00	(\$1,550.32)	\$ 1,449.68	\$ -	\$1,449.68	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	\$ -	\$0.00		
	50 Maintain Access Road	\$ 2,000.00	(\$824.00)	\$ 1,176.00	\$ -	\$1,176.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00	(\$1,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	\$16,637.51	\$ 30,708.51	\$ 30,708.51	\$0.00	100%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	(\$1,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	80 Miscellaneous Work Activities	\$ 21,000.00	\$10,344.10	\$ 31,344.10	\$ 31,344.10	\$0.00	100%	
	90 Homeless Encampment Clean Up	\$ 6,500.00	\$27,745.98	\$ 34,245.98	\$ 34,245.98	\$0.00	100%	
	TOTALS	\$ 64,571.00	\$71,825.38	\$ 136,396.38	\$ 130,082.51	\$6,313.87		06/30/21

Delays or problem areas: Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

Work completed during prior fiscal year: Repaired fencing, provided vegetation removal, cleaned inlet and outlet structures, and maintained access roads. Homeless encampment clean up upon occurrence.

Work to be completed during current fiscal year: Staff will continue to remove any trash and debris, provide fencing repairs, maintain access roads, clear out vegetation, and clean inlets and outlets. Repair continuous access road erosion and rebuild berm at Clayton. Homeless encampment clean up upon occurrence

Consultant/
 Contractor:
 Project
 Manager: John Runka

633-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV14
 Facility Name: Tributary to the Western Trib @ Craig Road
 MP Facility ID: LV06 0000-0147, LV05 0000-0131,
 LVBR 0000-0014, LVCL 0000-0030

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	\$ 234.40	\$234.40	53%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	\$ -	\$0.00		
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ 5,500.00	\$893.75	\$ 6,393.75	\$ 6,393.75	\$0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ -		\$ -	\$ -	\$0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	\$ -	\$0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	\$ -	\$0.00		
	35 Fence Repair	\$ 5,500.00		\$ 5,500.00	\$ 1,504.00	\$1,504.00	73%	
	40 Vegetation Control - Chemical	\$ 4,500.00		\$ 4,500.00	\$ -	\$4,500.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	\$ -	\$0.00		
	50 Maintain Access Road	\$ 2,000.00		\$ 2,000.00	\$ -	\$2,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(\$10,342.12)	\$ 3,723.88	\$ -	\$3,723.88	0%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 3,000.00		\$ 3,000.00	\$ -	\$3,000.00	0%	
	80 Miscellaneous Work Activities	\$ 21,000.00	(\$12,016.30)	\$ 8,983.70	\$ 2,645.86	\$6,337.84	29%	
	90 Homeless Encampment Clean Up	\$ 10,000.00	(\$5,321.86)	\$ 4,678.05	\$ 4,678.05	\$0.00	100%	
	TOTALS	\$ 66,571.00	(\$26,791.62)	\$ 39,779.38	\$ 17,979.26	\$21,800.12		06/30/21

Delays or problem areas: Removed many major encampments. Have many fencing repairs delayed due to new fencing contract.

Work completed during prior fiscal year: Repaired fencing, provided vegetation removal, cleaned inlet and outlet structures and maintained access roads. Removed many major encampments.

Work to be completed during current fiscal year: Staff will continue to remove vegetation, trash and debris, provide fencing repairs, maintain access roads, and clean inlet and outlet structures. Repair any concrete damage from NLV02 to NLV12, and maintain the joint seals throughout the channels. Homeless encampment clean up upon occurrence.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

633-1287

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV15
 Facility Name: Las Vegas Wash - Smoke Ranch
 MP Facility ID: LVSF 0000-0295, LAAT 0000-0204,
 LANO 0000, LAAS 0000-0103

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	\$ 212.48	\$287.52	42%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	\$ -	\$0.00		
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ 3,500.00	\$6,865.99	\$ 10,165.99	\$ 10,165.99	\$0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ 3,000.00	(\$2,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	21 Provide/Maintain Dust Control	\$ -		\$ -	\$ -	\$0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	\$ -	\$0.00		
	35 Fence Repair	\$ -	\$4,655.00	\$ 4,655.00	\$ 4,655.00	\$0.00	100%	
	40 Vegetation Control - Chemical	\$ 3,500.00	(\$2,000.00)	\$ 1,500.00	\$ -	\$1,500.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	\$ -	\$0.00		
	50 Maintain Access Road	\$ 2,000.00	(\$1,500.00)	\$ 500.00	\$ -	\$500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00	(\$1,500.00)	\$ 1,000.00	\$ -	\$1,500.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(\$3,743.00)	\$ 10,327.99	\$ -	\$10,327.99	0%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 1,000.00	(\$500.00)	\$ 500.00	\$ -	\$500.00	0%	
	80 Miscellaneous Work Activities	\$ 20,000.00	(\$8,655.00)	\$ 11,345.00	\$ 949.95	\$10,395.05	8%	
	90 Homeless Encampment Clean Up	\$ 2,500.00	(\$2,500.00)	\$ -	\$ -	\$0.00		
	TOTALS	\$ 63,071.00	(\$11,077.32)	\$ 41,993.68	\$ 15,983.42	\$28,010.26		06/30/21

Delays or problem areas: Encountered some homeless encampments.

Work completed during prior fiscal year: Repaired fencing, removed vegetation, cleaned storm drains, and outlet and inlet structures, and maintained access roads. Homeless encampment clean up upon occurrence

Work to be completed during current fiscal year: Staff will continue to remove trash and debris, provide fencing repairs as needed, maintain access roads, remove vegetation, clean inlet and outlet structures, and clean/inspect storm drains. Repair erosion along east side of channel and along entire channel bottom. Homeless encampment clean up upon occurrence

Consultant/
 Contractor: _____
 Project
 Manager: John Runks

633-1287

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV16
 Facility Name: Upper Las Vegas Wash Channel
 MP Facility ID: LVLO 0000-0026, TREA 0000-0134, LVUP 0000-0382,
CNEA 0000-0176, ANEA 0000-0040, LV5C 0000-0063, CNDS 0000-0062

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	\$ 279.32	\$220.68	56%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	\$ -	\$0.00		
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ 1,000.00	(\$500.00)	\$ 500.00	\$ -	\$500.00	0%	
	16 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ -		\$ -	\$ -	\$0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	\$ -	\$0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	\$ -	\$0.00		
	35 Fence Repair	\$ 3,500.00	(\$1,500.00)	\$ 2,000.00	\$ -	\$2,000.00	0%	
	40 Vegetation Control - Chemical	\$ 3,500.00	(\$1,500.00)	\$ 2,000.00	\$ -	\$2,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	\$ -	\$0.00		
	50 Maintain Access Road	\$ -		\$ -	\$ -	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(\$10,231.70)	\$ 3,839.24	\$ -	\$3,839.24	0%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 52,000.00	(\$43,103.20)	\$ 8,896.80	\$ -	\$8,896.80	0%	
	80 Miscellaneous Work Activities	\$ 20,000.00	\$5,664.24	\$ 25,664.24	\$ 25,664.24	\$0.00	100%	
	90 Homeless Encampment Clean Up	\$ 4,500.00	(\$4,500.00)	\$ -	\$ -	\$0.00		
	TOTALS	\$ 99,571.00	(\$55,670.72)	\$ 43,900.28	\$ 25,943.56	\$17,958.72		06/30/21

Delays or problem areas: Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

Work completed during prior fiscal year: Staff provided trash and debris removal, repaired fencing as needed, maintained access roads, removed vegetation and graffiti as needed, and cleaned storm drains, channels, and culverts. Homeless encampment cleanup upon occurrence

Work to be completed during current fiscal year: Staff will continue to provide trash and debris removal, repair fencing as needed, maintain access roads, remove vegetation and graffiti as needed, and clean storm drains, channels and culverts.

Consultant/
 Contractor:
 Project
 Manager: John Runiks

633-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV17
 Facility Name: Range Wash - Las Vegas Wash Diversion & Levee
 MP Facility ID: LVRW 0000-0293

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	\$ 313.48	\$287.52	42%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,500.00	(\$500.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	8 Species Survey and Removal	\$ 1,500.00	(\$500.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	10 Clean and Reshape Channel/Levees	\$ 2,000.00	\$46,525.00	\$ 48,525.00	\$ 48,525.00	\$0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ 106,000.00	(\$101,883.60)	\$ 4,116.40	\$ -	\$4,116.40	0%	
	21 Provide/Maintain Dust Control	\$ 25,000.00		\$ 25,000.00	\$ -	\$0.00	0%	
	25 Clean Detention/Debris Basin	\$ -		\$ -	\$ -	\$0.00		
	35 Fence Repair	\$ -		\$ -	\$ -	\$0.00		
	40 Vegetation Control - Chemical	\$ 3,000.00	(\$1,000.00)	\$ 2,000.00	\$ -	\$2,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	\$ -	\$0.00		
	50 Maintain Access Road	\$ 2,000.00	(\$500.00)	\$ 1,500.00	\$ -	\$1,500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ -		\$ -	\$ -	\$0.00		
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ -		\$ -	\$ -	\$0.00		
	80 Miscellaneous Work Activities	\$ 20,000.00	(\$14,116.33)	\$ 5,883.67	\$ 1,124.95	\$4,758.72	19%	
	90 Homeless Encampment Clean Up	\$ 3,500.00	(\$3,500.00)	\$ -	\$ -	\$0.00		
	TOTALS	\$ 165,500.00	(\$75,474.93)	\$ 90,025.07	\$ 49,862.43	\$40,162.64		06/30/21

Delays or problem areas: Providing maintenance on the levee was hindered due to the higher than normal level of Air Force training exercises. These delays interfered with production. In light of these challenges our projects were delayed but completed.

Work completed during prior fiscal year: Staff provided major erosion control, fencing repairs, vegetation removal and dust control. Minor homeless encampments encountered. Also encountered fencing repairs due to offroad traffic.

Work to be completed during current fiscal year: Clear access route into DB, repair erosion on embankment slopes, provide fencing repairs, remove vegetation, and provide dust control as needed. Staff will also continue to maintain access roads, monitor and inspect levee. Remove homeless encampments upon occurrence

Consultant/
 Contractor: _____
 Project
 Manager: John Runika

633-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV18
 Facility Name: Cheyenne Peaking Basin
 MP Facility ID: LVMD 1594-1647

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ -		\$ -	\$ -	\$0.00		
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 2,000.00		\$ 2,000.00	\$ 212.48	\$1,787.52	11%	
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ -	\$10,077.32	\$ 10,077.32	\$ 10,077.32	\$0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ -		\$ -	\$ -	\$0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	\$ -	\$0.00		
	25 Clean Detention/Debris Basin	\$ 20,000.00	\$2,304.55	\$ 22,304.55	\$ 22,304.55	\$0.00	100%	
	35 Fence Repair	\$ 5,000.00	\$3,160.00	\$ 38,160.00	\$ 38,160.00	\$0.00	100%	
	40 Vegetation Control - Chemical	\$ 3,500.00	\$1,500.00	\$ 2,000.00	\$ -	\$2,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 3,500.00	(\$1,500.00)	\$ 2,000.00	\$ -	\$2,000.00	0%	
	50 Maintain Access Road	\$ 3,000.00	(\$1,542.54)	\$ 1,457.46	\$ -	\$1,457.46	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 1,500.00	(\$1,000.00)	\$ 500.00	\$ -	\$500.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(\$3,362.01)	\$ 10,308.99	\$ -	\$10,308.99	0%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00		\$ 2,000.00	\$ -	\$2,000.00	0%	
	80 Miscellaneous Work Activities	\$ 23,000.00	(\$7,000.00)	\$ 16,000.00	\$ 10,107.72	\$5,892.28	63%	
	90 Homeless Encampment Clean Up	\$ 10,000.00	\$23,926.34	\$ 33,926.34	\$ 33,926.34	\$0.00	100%	
	TOTALS	\$ 88,071.00	\$53,163.66	\$ 141,234.66	\$ 114,788.41	\$26,446.25		06/30/21

Delays or problem areas: Removed many major encampments. Have many fencing repairs delayed due to new fencing contract.

Work completed during prior fiscal year: Staff provided erosion control, dust control, fencing repairs, vegetation removal, cleaned inlet and outlet structures and maintained access roads. Removed many homeless encampments.

Work to be completed during current fiscal year: Staff will continue to provide dust control as needed, maintain access roads, and clean inlet and outlet structures. Remove/clean trash and debris in dam diverters and in channel, and remove vegetation in basin bottom, basin outlet grate, and on upper road south of Civic Center. Remove graffiti and repair fence at end of Bulloch. Remove homeless encampments upon occurrence. Staff will remove silt deposits from the bottom of basin.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

633-1267

**Regional Flood Control District
Maintenance Work Program
Third Qtr Ending Thru 3/31/2021
FY 2020-2021**

MWP Facility #: NLV19
 Facility Name: Las Vegas Wash-Middle, Cheyenne Ave. to Owens Avenue
 MP Facility ID: LVMD 1355, 1390, 1400

Entity: City of North Las Vegas
 Date Prepared: 04/22/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	\$ -	\$500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	\$ -	\$0.00		
	8 Species Survey and Removal	\$ -		\$ -	\$ -	\$0.00		
	10 Clean and Reshape Channel/Levees	\$ 81,500.00	\$165,638.19	\$ 247,138.19	\$ 247,138.19	\$0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	\$ -	\$0.00		
	20 Erosion Control and Repair	\$ 5,000.00	\$217,688.00	\$ 222,688.00	\$ 222,688.00	\$0.00	100%	
	21 Provide/Maintain Dust Control	\$ 5,000.00	(\$1,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	25 Clean Detention/Debris Basin	\$ -	\$28,908.12	\$ 28,908.12	\$ 28,908.12	\$0.00	100%	
	35 Fence Repair	\$ 5,000.00	(\$4,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	40 Vegetation Control - Chemical	\$ 5,000.00	(\$4,000.00)	\$ 1,000.00	\$ -	\$1,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 10,500.00	(\$6,827.52)	\$ 3,672.48	\$ -	\$3,672.48	0%	
	50 Maintain Access Road	\$ 19,000.00	(\$13,033.09)	\$ 5,966.91	\$ -	\$5,966.91	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	\$ -	\$0.00		
	65 Clean Storm Sewer Lines	\$ 17,073.00	(\$13,000.00)	\$ 4,073.00	\$ -	\$4,073.00	0%	
	70 Storm Sewer Repair	\$ -		\$ -	\$ -	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$ 3,500.00	(\$1,991.20)	\$ 1,508.80	\$ -	\$1,508.80	0%	
	80 Miscellaneous Work Activities	\$ 24,000.00	(\$16,500.00)	\$ 7,500.00	\$ 2,432.08	\$5,067.92	32%	
	90 Homeless Encampment Clean Up	\$ -		\$ -	\$ -	\$0.00		
	TOTALS	\$ 176,573.00	\$348,882.50	\$ 525,455.50	\$ 501,166.39	\$24,289.11		06/30/21

Delays or problem areas: Removed many major encampments. Have many fencing repairs delayed due to new fencing contract.

Work completed during prior fiscal year: Staff provided erosion control, dust control, fencing repairs, vegetation removal, cleaned inlet and outlet structures and maintained access roads. Removed many homeless encampments.

Work to be completed during current fiscal year: Effective 10/19/20, one time cleanup. Staff will continue to provide dust control as needed, maintain access roads, and clean inlet and outlet structures. Remove/clean trash and debris in dam diverters and in channel, and remove vegetation in basin bottom, basin outlet grate, and on upper road south of Civic Center. Remove graffiti and repair fence at end of Bulloch. Remove homeless encampments upon occurrence. Staff will remove silt deposits from the bottom of basin.

Effective
10/19/20,
cleanup will
start

Consultant/
Contractor:
Project
Manager: John Runiks

633-1267

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

MAINTENANCE WORK PROGRAM – FY 2021-22 BUDGETS, PLANS, AND INTERLOCAL CONTRACTS

PETITIONER:

STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER

RECOMMENDATION OF PETITIONER:

APPROVE THE BUDGETS, PLANS, AND INTERLOCAL CONTRACTS FOR THE FISCAL YEAR 2021-22 MAINTENANCE WORK PROGRAM AND AUTHORIZE THE CHAIR TO SIGN THE INTERLOCAL CONTRACTS (FOR POSSIBLE ACTION)


FISCAL IMPACT: \$12,916,700.00 – Funds are available in the FY 2021-22 budget.

BACKGROUND: Staff requested that each of the entities prepare their fiscal year 2021-22 Maintenance Work Program (MWP) plan and budget, and submit the interlocal contracts for approval by the Board. The interlocal contracts, along with an itemized listing of the facilities identified in each work plan, are attached for your review and approval. The following table provides a comparison of fiscal year 2021-22 budget requests with fiscal year 2020-21 approved budget amounts:

Entity	FY 2020-21 Budget Request	FY 2021-22 Budget Request	Percent Change
Boulder City	\$ 451,000.00	\$ 563,500.00	24.9%
Clark County	\$ 3,126,500.00	\$ 3,410,500.00	9.1%
Henderson	\$ 3,651,831.00	\$ 2,921,900.00	-20.0%
Las Vegas	\$ 3,200,000.00	\$ 3,200,000.00	0.0%
Mesquite	\$ 489,800.00	\$ 489,800.00	0.0%
North Las Vegas	\$ 2,331,000.00	\$ 2,331,000.00	0.0%
Totals	\$13,250,131.00	\$12,916,700.00	-2.5%

Upon approval, the interlocal contracts will become effective July 1, 2021 and expire June 30, 2022. Requested funding amounts will be available July 1, 2021. At the end of fiscal year 2021-22, the remaining unencumbered balances for each entity may be reprogrammed for the MWP in subsequent fiscal years.

Respectfully submitted,


Steven C. Parrish, P.E.
General Manager/Chief Engineer

TAC AGENDA ITEM #09 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #09 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

MAINTENANCE WORK PROGRAM – FY 2021-22 BUDGETS, PLANS, AND INTERLOCAL CONTRACTS

Staff requested that each of the entities prepare their fiscal year 2021-22 Maintenance Work Program (MWP) plan and budget, and submit the interlocal contracts for approval by the Board. The interlocal contracts, along with an itemized listing of the facilities identified in each work plan, are attached for your review and approval. The following table provides a comparison of fiscal year 2021-22 budget requests with fiscal year 2020-21 approved budget amounts:

Entity	FY 2020-21 Budget Request	FY 2021-2 Budget Request	Percent Change
Boulder City	\$ 451,000.00	\$ 563,500.00	24.9%
Clark County	\$ 3,126,500.00	\$ 3,410,500.00	9.1%
Henderson	\$ 3,651,831.00	\$ 2,921,900.00	-20.0%
Las Vegas	\$ 3,200,000.00	\$ 3,200,000.00	0.0%
Mesquite	\$ 489,800.00	\$ 489,800.00	0.0%
North Las Vegas	\$ 2,331,000.00	\$ 2,331,000.00	0.0%
Totals	\$13,250,131.00	\$12,916,700.00	-2.5%

Upon approval, the interlocal contracts will become effective July 1, 2021 and expire June 30, 2022. Requested funding amounts will be available July 1, 2021. At the end of fiscal year 2021-22, the remaining unencumbered balances for each entity may be reprogrammed for the MWP in subsequent fiscal years.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
#09 Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#09 Date: 05/27/2021

Recommendation:

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

2021 – 2022 ANNUAL MAINTENANCE WORK PROGRAM BUDGET FOR THE CITY OF BOULDER CITY

PETITIONER:

JIM KEANE, P.E., CITY ENGINEER
CITY OF BOULDER CITY

RECOMMENDATION OF PETITIONER:

THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR BOULDER CITY'S 2021 – 2022 ANNUAL MAINTENANCE WORK PROGRAM. (FOR POSSIBLE ACTION)

FISCAL IMPACT:

The FY 2021-2022 Interlocal Contract is for \$563,500.00.

BACKGROUND:

This request will cover normal maintenance work provided by City staff and funding for contract work.

The locations of the facilities to be maintained and the work to be performed are described in the work program and are shown on Exhibit "A" of the proposed Interlocal Agreement.

Respectfully submitted,

E-SIGNED by Jim Keane
on 2021-02-23 19:55:07 GMT

Jim Keane, P.E.,
City Engineer
City of Boulder City, Nevada

TAC AGENDA ITEM # 09 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM # 09 Date: 05/27/2021	

**INTERLOCAL CONTRACT
ANNUAL MAINTENANCE WORK PROGRAM**

THIS CONTRACT, made and entered into this __ day of ___ 2021, by and between the CITY OF BOULDER CITY, a political subdivision of the State of Nevada, hereinafter referred to as "CITY", and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

WITNESSETH:

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve and fund projects to maintain flood control improvements; and

WHEREAS, pursuant to NRS 277.180 any one or more public agencies may contract with one or more other public agencies to perform any governmental service, activity or undertaking which any of the public agencies is authorized by law to perform; and

WHEREAS, the CITY desires to maintain flood control improvements within the CITY in accordance with the maintenance program set forth herein, and hereinafter referred to as "Project"; and

WHEREAS, the facilities upon which maintenance will be performed are facilities described in the DISTRICT'S Master Plan.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT authorizes the Project as it is mutually understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance of the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

SECTION II - PROJECT COSTS

The DISTRICT agrees to make payment for Project costs within the limits specified below:

1. The Project costs shall not exceed \$563,500.00.

The amounts allocated to each individual facility within the Project must be specified in Exhibit "A". Any changes to said allocated amounts must be approved by the DISTRICT'S Chief Engineer in accordance with Section 4.24 of the DISTRICT *Operations and Maintenance Manual*.

A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved to increase the amount noted above prior to payment of any additional funds.

2. The CITY and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the CITY shall submit invoices together with a detailed summary report of the maintenance service performed. The CITY shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the CITY stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District
Accounts Payable
600 S. Grand Central Parkway, Suite 300
Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days of receipt of the invoice. Pursuant to Section IV, Paragraph 8, the DISTRICT may, in its sole discretion, withhold payments to the CITY for services rendered if the CITY fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.

SECTION III - PROJECT TIME

The CITY agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2021 and June 30, 2022. The DISTRICT may grant extensions or terminate this contract and require all sums advanced to the CITY to be repaid if the CITY fails to perform by said date.

SECTION IV - GENERAL

1. The CITY will complete the Project as set forth in Exhibit "A". The CITY staff personnel responsible for coordination of work under this contract are as listed below:

Keegan Littrell, P.E.

Director of Public Works

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The CITY will comply with the applicable provisions of the Local Government Purchasing Act, Chapter 332 and Public Works, Chapter 338, of the Nevada Revised Statutes.

3. Applicable portions of the current editions of the *Operations and Maintenance Manual, Policies and Procedures Manual, Hydrologic Criteria and Drainage Design Manual, and Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.

4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the CITY will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.

5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the CITY, approval for payment of billings and expenses submitted by the CITY and the acceptance of any report provided by the CITY. The CITY shall be responsible for monitoring performance of CITY staff or private contractors.

6. Accurate documentation of all work performed and payments made shall be maintained by the CITY for a period of three (3) years in hard copy form after final project approval and payments. Following the three year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format in accordance with the CITY Record Retention Schedule.

7. The CITY shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the CITY fails to perform the maintenance according to the standards specified in this contract and the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the CITY or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the CITY specific written notice of the maintenance required and allowing the CITY 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Keegan Littrell, P.E.

Director of Public Works

9. The records of the CITY and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.

10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.

11. The CITY, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.

12. The CITY hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.

13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of CITY employees, consultants, contractors, or agents.

14. Any costs found to be improperly allocated to the Project will be refunded by the CITY to the DISTRICT.

15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this

IN WITNESS WHEREOF, the parties have caused this contract to be executed the day and year first above written.

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

BY: _____
DEBRA MARCH, Chair

ATTEST:

DEANNA HUGHES
Secretary to the Board

Approved as to Form:

BY: _____
CHRISTOPHER FIGGINS
Regional Flood Control District

Date of Council Action: CITY OF BOULDER CITY

ATTEST: BY: _____
KIERNAN MCMANUS, Mayor

LORENE KRUMM, City Clerk

Approved as to Form:

BY: _____
BRITTANY LEE WALKER, ESQ., Acting City Attorney

CITY OF BOULDER CITY, NEVADA
 MAINTENANCE WORK PLAN SUMMARY
 FISCAL YEAR 2021-2022

Master Plan Facility	ID	MWP Facility Number	Facility Description	Cost
		BC01		
HMFL	0000		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMKY	0000		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMKY	0019		CLEAN AND RESHAPE CHANNEL, VEGETATION CONTROL	\$1,000.00
HMLM	0000		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,500.00
HMLM	0001		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,500.00
HMLM	0002		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0003		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLM	0025		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0027		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLM	0040		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0044		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0064		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0065		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLM	0066		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0077		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLM	0081		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLM	0082		INSPECT AND CLEAN STORM SEWER LINE	\$1,500.00
HMLM	0085		INSPECT BASIN, CLEAN, VEGETATION CONTROL, REPAIR INLET/OUTLET STRUCTURES	\$1,000.00
HMLM	0096		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$15,000.00
HMLV	0000		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLV	0001		INSPECT RCB, CLEAN, VEGETATION CONTROL	\$1,500.00
HMLV	0003		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLV	0004		CLEAN AND INSPECT OUTLET STRUCTURE	\$1,000.00
HMLV	0006		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLV	0018		REPAIR CONCRETE CHANNEL, CLEAN, VEGETATION CONTROL	\$6,500.00
HMLV	0031		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMLV	0033		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,000.00
HMLV	0055		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMLV	0060		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMLV	0065		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMNH	0000		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMNH	0001		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMPC	0000		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMPC	0011		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMPC	0018		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMPC	0025		INSPECT LEVEES/DETENTION AND DEBRIS BASINS	\$500.00
HMPC	0026		INSPECT CHANNEL, CLEAN AND RESHAPE CHANNEL	\$1,000.00
HMRB	0000		INSPECT CHANNEL, CLEAN AND RESHAPE CHANNEL	\$1,000.00
HMTH	0000		CLEAN AND INSPECT, VEGETATION CONTROL, INSPECT OUTLETS, DEBRIS REMOVAL, RESHAPE CHANNEL	\$2,000.00
HMTH	0025		INSPECT BASIN, CLEAN, VEGETATION CONTROL, REPAIR INLET/OUTLET STRUCTURES	\$40,000.00
HMTH	0026		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$7,000.00
HMTH	0027		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMTH	0034		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, DUST CONTROL	\$1,000.00
HMTH	0040		CLEAN CULVERT	\$1,000.00
HMTH	0041		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$3,000.00
HMTH	0054		INSPECT BERM, EROSION REPAIR, DUST CONTROL	\$1,000.00
HMTH	0064		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$20,000.00
HMTH	0076		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, MAINTAIN ACCESS ROAD	\$1,000.00
HMVL	0000		CLEAN, INSPECT DETENTION BASIN, VEGETATION CONTROL	\$30,000.00

CITY OF BOULDER CITY, NEVADA
 MAINTENANCE WORK PLAN SUMMARY
 FISCAL YEAR 2021-2022

Master Plan Facility	ID	MWP Facility Number	Facility Description	Cost
HMVL	0001		CLEAN AND INSPECT OUTLET STRUCTURE	\$500.00
HMVL	0002		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0003		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL	\$500.00
HMVL	0004		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL	\$500.00
HMVL	0015		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0022		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0027		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0028		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
HMVL	0030		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL	\$500.00
HMVL	0041		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0042		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0058		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL	\$500.00
HMVL	0064		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL, MAINTAIN ACCESS ROAD, FENCE REPAIR	\$30,000.00
HMVL	0065		CLEAN AND INSPECT OUTLET STRUCTURE	\$500.00
HMVL	0066		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
HMVL	0074		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
HMVL	0088		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL, MAINTAIN ACCESS ROAD	\$1,500.00
HMWA	0000		CLEAN AND INSPECT OUTLET STRUCTURE, MAINTAIN ACCESS ROAD, ENGINEERING	\$12,500.00
HMWA	0001		INSPECT AND CLEAN STORM SEWER LINE	\$5,000.00
HMWA	0005		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$250.00
HMWA	0012		CLEAN BRIDGE	\$1,000.00
HMWA	0013		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$20,000.00
HMWA	0068		CLEAN BRIDGE	\$1,000.00
HMWA	0069		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$10,000.00
HMWA	0087		CLEAN RCB	\$500.00
HMWA	0103		CLEAN BRIDGE	\$2,000.00
HMWA	0105		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL	\$1,000.00
HMWA	0126		CLEAN CULVERT	\$1,000.00
HMWA	0127		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL	\$17,000.00
HMWA	0147		CLEAN CULVERT	\$500.00
HMWA	0148		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,000.00
HMWA	0154		CLEAN RCB	\$500.00
HMWA	0155		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
HMWA	0156		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMWA	0157		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
HMWA	0158		INSPECT BASIN, CLEAN, VEGETATION CONTROL, REPAIR INLET/OUTLET STRUCTURES	\$500.00
HMWA	0159		CLEAN/FLUSH BRIDGE	\$500.00
HMWA	0160		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMWA	0161		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL	\$500.00
HMWA	0162		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMWA	0173		INSPECT BASIN, CLEAN, VEGETATION CONTROL, REPAIR INLET/OUTLET STRUCTURES	\$2,000.00
HMWA	0175		CLEAN RCB	\$500.00
HMWA	0176		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$250.00
HMWA	0177		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$250.00
HMWA	0178		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
HMWA	0182		CLEAN RCB	\$500.00

CITY OF BOULDER CITY, NEVADA
 MAINTENANCE WORK PLAN SUMMARY
 FISCAL YEAR 2021-2022

Master Plan Facility	ID	MWP Facility Number	Facility Description	Cost
HMWA	0183		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL	\$3,000.00
HMWA	0184		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMWA	0185		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMWA	0200		EROSION CONTROL AND REPAIR	\$500.00
HMWA	0201		CLEAN STORM SEWER LINES	\$500.00
HMWA	0202		INSPECT LEVEES/DETENTION AND DEBRIS BASINS	\$500.00
HMWA	0203		CLEAN STORM SEWER LINES	\$1,000.00
			HOMELESS ENCAMPMENT CLEANUP	\$2,000.00
			BC01 - SUBTOTAL	\$292,500.00
		BC02		
GBAP	0000		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, MAINTAIN EROSION CONTROL	\$14,150.00
GBAP	0001		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, MAINTAIN EROSION CONTROL	\$1,000.00
GBAP	0002		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
GBAP	0047		CLEAN/FLUSH CULVERT	\$750.00
GBAP	0048		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,500.00
GBAP	0049		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
GBAP	0087		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
GBAP	0114		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
GBBC	0005		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
GBBC	0015		CLEAN/FLUSH CULVERT	\$4,500.00
GBBC	0030		CLEAN/FLUSH BRIDGE	\$750.00
GBBC	0031		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$3,000.00
GBBC	0047		CLEAN/FLUSH BRIDGE	\$600.00
GBBC	0048		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,000.00
GBBC	0062		CLEAN/FLUSH CULVERT	\$750.00
GBBC	0063		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$5,000.00
GBBC	0109		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$1,000.00
GBBC	0110		CLEAN/FLUSH CULVERT	\$500.00
GBBC	0146		CLEAN/FLUSH CULVERT	\$750.00
GBBC	0149		CLEAN/FLUSH CULVERT	\$500.00
GBBC	0150		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
GBBC	0152		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
GBBC	0153		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBBC	0155		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBBC	0157		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$4,000.00
GBBC	0172		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$3,500.00
GBCM	0000		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBCM	0001		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBCM	0004		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBCM	0011		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBGR	0002		CLEAN AND INSPECT, VEGETATION CONTROL, INSPECT OUTLETS, DUST CONTROL, DEBRIS REMOVAL, RESHAPE CHANNEL, MAINTAIN ACCESS ROAD, ENGINEERING	\$2,500.00
GBGR	0036		CLEAN AND INSPECT INLET/OUTLET STRUCTURES , MAINTAIN EROSION CONTROL	\$1,000.00
GBGR	0040		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, FENCE REPAIR, ENGINEERING	\$15,000.00
GBGR	0100		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$1,500.00

CITY OF BOULDER CITY, NEVADA
 MAINTENANCE WORK PLAN SUMMARY
 FISCAL YEAR 2021-2022

Master Plan Facility	ID	MWP Facility Number	Facility Description	Cost
GBGR	0111		CLEAN/FLUSH CULVERT, REPAIR INLET/OUTLET STRUCTURE, ENGINEERING	\$2,000.00
GBGR	0112		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$15,000.00
GBGR	0126		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$1,000.00
GBGR	0130		CLEAN/FLUSH BRIDGE	\$500.00
GBGR	0131		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, FENCE REPAIR, ENGINEERING	\$15,000.00
GBGR	0188		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBGR	0203		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBGR	0215		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBGR	0217		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
			HOMELESS ENCAMPMENT CLEANUP	\$250.00
			BC02 - SUBTOTAL	\$105,500.00
		BC03		
NRBL	0000		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRBL	0091		CLEAN AND INSPECT DETENTION BASIN, MAINTAIN ACCESS ROAD, DUST CONTROL, EROSION CONTROL	\$10,000.00
NRBL	0092		CLEAN AND INSPECT OUTLET STRUCTURE, MAINTAIN EROSION CONTROL	\$500.00
NRBL	0093		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRBL	0094		INSPECT BERM, EROSION REPAIR	\$500.00
NRBL	0095		CLEAN CULVERT	\$500.00
NRBL	0096		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRIN	0003		CLEAN AND INSPECT OUTLET STRUCTURE, MAINTAIN EROSION CONTROL	\$1,000.00
NRIN	0004		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRIN	0010		INSPECT LEVEES/DETENTION AND DEBRIS BASINS	\$15,000.00
NRIN	0013		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,500.00
NRIN	0017		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRIN	0025		INSPECT CHANNEL, CLEAN AND RESHAPE CHANNEL	\$500.00
NRIN	0031		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
NRIN	0032		CLEAN CULVERT	\$250.00
NRIN	0038		CLEAN CULVERT	\$200.00
NRIN	0040		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$6,000.00
NRIN	0044		INSPECT CHANNEL, CLEAN AND RESHAPE CHANNEL	\$250.00
NRIN	0052		INSPECT AND CLEAN STORM SEWER LINE	\$200.00
NRIN	0053		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$5,000.00
NRIN	0054		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRIN	0055		INSPECT AND CLEAN STORM SEWER LINE	\$200.00
NRIN	0056		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0057		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRIN	0062		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRIN	0063		CLEAN CULVERT	\$250.00
NRIN	0064		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0065		CLEAN CULVERT	\$250.00
NRIN	0066		CLEAN AND INSPECT DETENTION BASIN, MAINTAIN ACCESS ROAD, DUST CONTROL, EROSION CONTROL	\$4,500.00
NRIN	0067		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,000.00
NRIN	0068		INSPECT AND CLEAN STORM SEWER LINE	\$200.00
NRIN	0069		INSPECT AND CLEAN STORM SEWER LINE	\$200.00
NRIN	0070		CLEAN CULVERT	\$200.00
NRIN	0071		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0074		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0075		INSPECT AND CLEAN STORM SEWER LINE	\$250.00

CITY OF BOULDER CITY, NEVADA
 MAINTENANCE WORK PLAN SUMMARY
 FISCAL YEAR 2021-2022

Master Plan Facility	ID	MWP Facility Number	Facility Description	Cost
NRIN	0080		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0087		INSPECT BERM, EROSION REPAIR	\$3,000.00
NRIN	0107		INSPECT AND CLEAN STORM SEWER LINE	\$200.00
NRRR	0000		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$4,000.00
NRRR	0049		CLEAN CULVERT	\$2,000.00
NRRR	0050		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,000.00
NRRR	0070		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,000.00
NRRR	0089		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,000.00
NRRR	0105		CLEAN CULVERT	\$600.00
			HOMELESS ENCAMPMENT CLEANUP	\$20,000.00
			BC03 - SUBTOTAL	\$92,500.00
		BC04		
WAAD	0000		INSPECT, CLEAN, REPAIR CHANNEL, VEGETATION CONTROL, INLET/OUTLET STRUCTURES	\$5,000.00
WAAD	0043		CLEAN CULVERT	\$500.00
WAAD	0046		INSPECT AND CLEAN CHANNEL	\$500.00
WAAD	0063		CLEAN CULVERT	\$500.00
WAAD	0064		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
WAAD	0085		CLEAN CULVERT	\$2,000.00
WAAD	0086		INSPECT AND CLEAN STORM SEWER LINE	\$400.00
WAAD	0094		INSPECT AND CLEAN STORM SEWER LINE	\$400.00
WAAP	0111		INSPECT, CLEAN, VEGETATION CONTROL, CHANNEL REPAIR, FENCE REPAIR	\$50,000.00
WAAP	0171		INSPECT CHANNEL, CLEAN AND RESHAPE CHANNEL MAINTAIN EROSION CONTROL	\$1,000.00
WADD	0167		INSPECT AND CLEAN STORM SEWER LINE	\$700.00
WAGN	0000		INSPECT, CLEAN, VEGETATION CONTROL	\$3,000.00
WAGN	0020		CLEAN CULVERT	\$500.00
WAGR	0000		INSPECT, CLEAN CHANNEL, VEGETATION CONTROL	\$5,000.00
WAGR	0034		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
			HOMELESS ENCAMPMENT CLEANUP	\$2,000.00
			BC04 - SUBTOTAL	\$73,000.00
			TOTAL	\$563,500.00

Jim Keane, P.E., City Engineer
 Project Manager

Date

REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET - FY 2021-2022

MWP Facility #: BC01 Entity: City of Boulder City
 Facility Name: Hemenway Watershed Date Prepared: February 23, 2021
 MP Facility ID: HMFL - 0000, HMKY - 0000, 0019, HMLM - 0000, 0001, 0002, 0003, 0025, 0027, 0040, 0044, 0064, 0065, 0066, 0077, 0081, 0082, 0085, 0096, HMLV - 0000, 0001, 0003, 0004, 0006, 0018, 0031, 0033, 0055, 0060, 0065, HMNH - 0000, 0001, HMPC - 0000, 0011, 0018, 0025, 0026, HMRB - 0000, HMTH - 0000, 0025, 0026, 0027, 0034, 0040, 0041, 0054, 0064, 0076, HMYL - 0000, 0001, 0002, 0003, 0004, 0015, 0022, 0027, 0028, 0030, 0041, 0042, 0058, 0064, 0065, 0066, 0074, 0088, HMWA - 0000, 0001, 0005, 0012, 0013, 0068, 0069, 0087, 0103, 0105, 0126, 0127, 0147, 0148, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0173, 0175, 0176, 0177, 0178, 0182, 0183, 0184, 0185, 0200, 0201, 0202, 0203

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$500.00			June-22
	5 Inspect Channels	500.00			June-22
	6 Inspect Levees/Detention and Debris Basins	500.00			June-22
	8 Species Survey and Removal	0.00			June-22
	10 Clean and Reshape Channels/Levees	10,000.00			June-22
	15 Repair Lined Channel	50,000.00			June-22
	20 Erosion Control and Repair	1,300.00			June-22
	21 Provide/Maintain Dust Control	500.00			June-22
	25 Clean Detention Debris Basins	15,000.00			June-22
	35 Fence Repair	1,000.00			June-22
	40 Vegetation Control - Chemical	15,000.00			June-22
	45 Vegetation Control - Mechanical	50,000.00			June-22
	50 Maintain Access Road	2,000.00			June-22
	55 Clean & Inspect Inlet/Outlet Structures	2,500.00			June-22
	60 Repair Inlet/Outlet Structures	1,300.00			June-22
	65 Clean Storm Sewer Lines	500.00			June-22
	70 Storm Sewer Repair	0.00			June-22
	75 Clean/Flush Culverts & Bridges	5,000.00			June-22
	80 Miscellaneous Work Activities	35,000.00			June-22
	85 Engineering	100,000.00			June-22
	90 Homeless Encampment Cleanup	2,000.00			June-22
	TOTALS	\$292,500.00			June-22

Delays or problem areas: There is a water line conflict with the HMTH0034 berm that needs to be addressed. The water line needs to be lowered in order to complete the rest of the berm.

Work completed during prior fiscal year: Inspection, erosion repair and reshaping of unlined channels, vegetation control, cleaning of concrete channels and outlet structures. Pacifica energy dissipator cleaning. Hemenway channel concrete panel replacement. Paid State Dam Safety Storage fees. Inspected basins with State Dam Safety. Worked on maintenance items identified by State Dam Safety, including spillway cracks, erosion repairs and vegetation control at detention basins. Began work to update the Emergency Action Plans for detention basins.

Work to be completed during current fiscal year: Perform bridge inspections and address any items identified. Clean and repair fences and signs, erosion control, reshaping of unlined channels, replace broken concrete sections in channels. Weed control and removal. Cleaning of channels and outlet structures. Pay State Dam Safety Storage fees. Complete Hemenway Watershed Phase IIB Improvements and complete Hemenway Watershed Phase IIA berm work. Complete the update of the Emergency Action Plans for detention basins.

Consultant/
Contractor: _____
Project
Manager: Jim Keane, P.E., City Engineer Phone Number: (702)293-9200

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 ANNUAL BUDGET - FY 2021-2022

MWP Facility #: **BC02**

Entity: **City of Boulder City**

Facility Name: **Georgia/Buchanan Watershed**

Date Prepared: **February 23, 2021**

MP Facility ID: **GBAP - 0000, 0001, 0002, 0047, 0048, 0049, 0087, 0114, GBBC - 0005, 0015, 0030, 0031, 0047, 0048, 0062, 0063, 0109, 0110, 0146, 0149, 0150, 0152, 0153, 0155, 0157, 0172, GBCM - 0000, 0001, 0004, 0011, GBGR - 0002, 0036, 0040, 0100, 0111, 0112, 0126, 0130, 0131, 0188, 0203, 0215, 0217**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	5500.00			June-22
	5 Inspect Channels	500.00			June-22
	6 Inspect Levees/Detention and Debris Basins	0.00			June-22
	8 Species Survey and Removal	0.00			June-22
	10 Clean and Reshape Channels/Levees	5,000.00			June-22
	15 Repair Lined Channel	60,150.00			June-22
	20 Erosion Control and Repair	5,000.00			June-22
	21 Provide/Maintain Dust Control	500.00			June-22
	25 Clean Detention Debris Basins	0.00			June-22
	35 Fence Repair	1,000.00			June-22
	40 Vegetation Control - Chemical	15,000.00			June-22
	45 Vegetation Control - Mechanical	5,000.00			June-22
	50 Maintain Access Road	850.00			June-22
	55 Clean & Inspect Inlet/Outlet Structures	2,000.00			June-22
	60 Repair Inlet/Outlet Structures	1,000.00			June-22
	65 Clean Storm Sewer Lines	1,000.00			June-22
	70 Storm Sewer Repair	1,000.00			June-22
	75 Clean/Flush Culverts & Bridges	2,000.00			June-22
	80 Miscellaneous Work Activities	2,000.00			June-22
	85 Engineering	1,000.00			June-22
	90 Homeless Encampment Cleanup	2,000.00			June-22
	TOTALS	\$105,500.00			June-22

Delays or problem areas:

Work completed during prior fiscal year: Cleaned and inspected channels and culverts. Erosion repair and channel reshaping at the outlet of the Georgia Channel. Continue concrete panel replacements in the Georgia Channel. Performed repairs/replacements of sections of soil cement channel.

Work to be completed during current fiscal year: Clean and inspect channels and culverts. Reshape channel, replace broken concrete panels in channels, inspect and clean structures and repair as necessary. Inspect fences and signs and replace as necessary. Repair and maintain access road that is adjacent to the Georgia Channel.

Consultant/
 Contractor:
 Project
 Manager:

Jim Keane, P.E., City Engineer

Phone Number: (702)293-9200

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 ANNUAL BUDGET - FY 2021-2022

MWP Facility #: **BC03**

Entity: **City of Boulder City**

Facility Name: **North Railroad Watershed**

Date Prepared: **February 23, 2021**

MP Facility ID: **NRBL - 0000, 0091, 0092, 0093, 0094, 0095, 0096, NRIN - 0003, 0004, 0010, 0013, 0017, 0025, 0031, 0032, 0038, 0040, 0044, 0052, 0053, 0054, 0055, 0056, 0057, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0074, 0075, 0080, 0087, 0107, NRRR 0000, 0049, 0050, 0070, 0089, 0105**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$450.00			June-22
	5 Inspect Channels	500.00			June-22
	6 Inspect Levees/Detention and Debris Basins	1,000.00			June-22
	8 Species Survey and Removal	0.00			June-22
	10 Clean and Reshape Channels/Levees	3,000.00			June-22
	15 Repair Lined Channel	100.00			June-22
	20 Erosion Control and Repair	5,850.00			June-22
	21 Provide/Maintain Dust Control	100.00			June-22
	25 Clean Detention Debris Basins	5,000.00			June-22
	35 Fence Repair	5,000.00			June-22
	40 Vegetation Control - Chemical	10,000.00			June-22
	45 Vegetation Control - Mechanical	10,000.00			June-22
	50 Maintain Access Road	1,000.00			June-22
	55 Clean & Inspect Inlet/Outlet Structures	1,000.00			June-22
	60 Repair Inlet/Outlet Structures	500.00			June-22
	65 Clean Storm Sewer Lines	1,000.00			June-22
	70 Storm Sewer Repair	0.00			June-22
	75 Clean/Flush Culverts & Bridges	1,000.00			June-22
	80 Miscellaneous Work Activities	2,000.00			June-22
	85 Engineering	25,000.00			June-22
	90 Homeless Encampment Cleanup	20,000.00			June-22
	TOTALS	\$92,500.00			June-22

Delays or problem areas:

Work completed during prior fiscal year: Cleaning and inspection of existing facilities. Erosion repairs around the Bootleg Canyon Detention Basin. Fence inspection and repairs. Significant homeless encampment cleanup in various areas of the watershed. Began work to update the Emergency Actions Plans for the detention basins.

Work to be completed during current fiscal year: Clean and inspect facilities, repair and regrade eroded areas, clean outlet structures, repair fences as needed. Homeless encampment monitoring and cleanup. Clean confluence structure at Veterans Memorial Drive. Pay State Dam Safety Storage fees. Complete the update of the Emergency Action Plans for detention basins.

Consultant/
 Contractor:
 Project
 Manager:

Jim Keane, P.E., City Engineer

Phone Number: (702)293-9200

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 ANNUAL BUDGET - FY 2021-2022

MWP Facility #: BC04

Entity: City of Boulder City

Facility Name: West Airport Watershed

Date Prepared: February 23, 2021

MP Facility ID: WAAD - 0000, 0043, 0046, 0063, 0064, 0085, 0086, 0094, WAAP - 0111, 0171, WADD - 0167, WAGN - 0000, 0020, WAGR - 0000, 0034

Force Account/Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$500.00			June-22
	5 Inspect Channels	500.00			June-22
	6 Inspect Levees/Detention and Debris Basins	0.00			June-22
	8 Species Survey and Removal	0.00			June-22
	10 Clean and Reshape Channels/Levees	500.00			June-22
	15 Repair Lined Channel	50,000.00			June-22
	20 Erosion Control and Repair	2,000.00			June-22
	21 Provide/Maintain Dust Control	500.00			June-22
	25 Clean Detention Debris Basins	500.00			June-22
	35 Fence Repair	500.00			June-22
	40 Vegetation Control - Chemical	10,000.00			June-22
	45 Vegetation Control - Mechanical	3,000.00			June-22
	50 Maintain Access Road	500.00			June-22
	55 Clean & Inspect Inlet/Outlet Structures	500.00			June-22
	60 Repair Inlet/Outlet Structures	500.00			June-22
	65 Clean Storm Sewer Lines	0.00			June-22
	70 Storm Sewer Repair	0.00			June-22
	75 Clean/Flush Culverts & Bridges	500.00			June-22
	80 Miscellaneous Work Activities	500.00			June-22
	85 Engineering	500.00			June-22
	90 Homeless Encampment Cleanup	2,000.00			June-22
	TOTALS	\$73,000.00			June-22

Delays or problem areas:

Work completed during prior fiscal year: Inspection, erosion repair and reshaping of unlined channels, vegetation control, cleaning of concrete channels and outlet structures. Replaced/repared joints in concrete channel. Energy dissipator cleaning. Maintain the grass lined channel.

Work to be completed during current fiscal year: Clean and repair fences and signs, erosion control, reshaping of unlined channels, replace broken concrete sections in channels as needed. Weed control and removal. Cleaning of channels, outlet structures and energy dissipator.

Consultant/

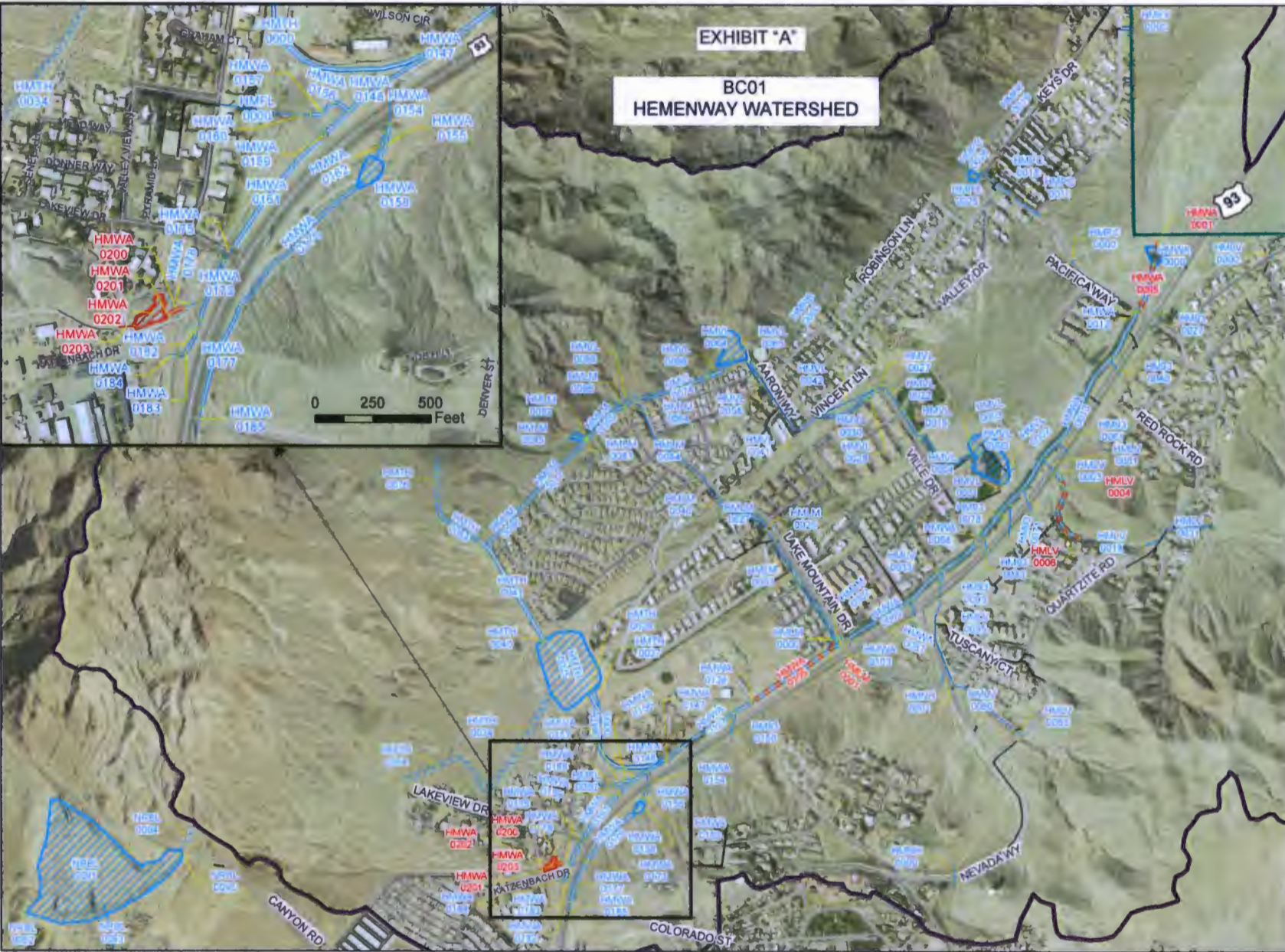
Contractor:

Project

Manager:

Jim Keane, P.E., City Engineer

Phone Number: (702) 293-9200



REGIONAL FLOOD CONTROL DISTRICT



BOULDER CITY FLOOD CONTROL MASTER PLAN UPDATE

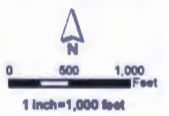
FIGURE 6-2. REGIONAL FLOOD CONTROL MASTER PLAN HEMENWAY WATERSHED

Legend

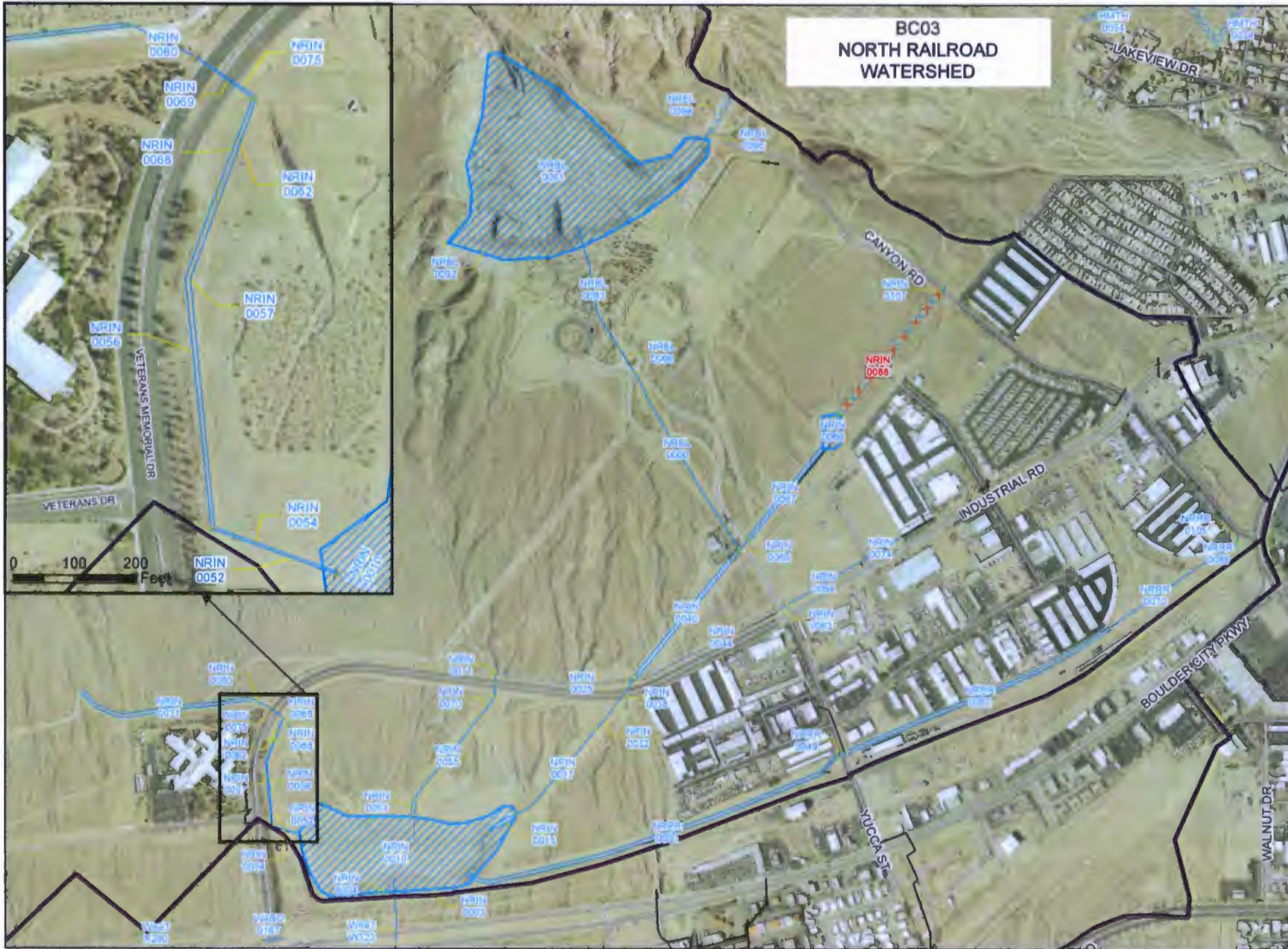
- Boulder City Limits
- Watersheds
- Existing Facilities
- Proposed Facilities
- Local Facilities
- Detention Basin
- ID-Mile Separator
- Stormdrain
- Lined Channel
- Unlined Channel
- Dike
- Lined Channel - Replace
- Dike - Replace



Aerial Imagery Source: Clark County 2017



ATKINS
Member of the STANTEC Group



**BC03
NORTH RAILROAD
WATERSHED**

REGIONAL FLOOD CONTROL DISTRICT



BOULDER CITY FLOOD CONTROL MASTER PLAN UPDATE

FIGURE 7-3. REGIONAL FLOOD CONTROL FACILITIES NORTH RAILROAD WATERSHED

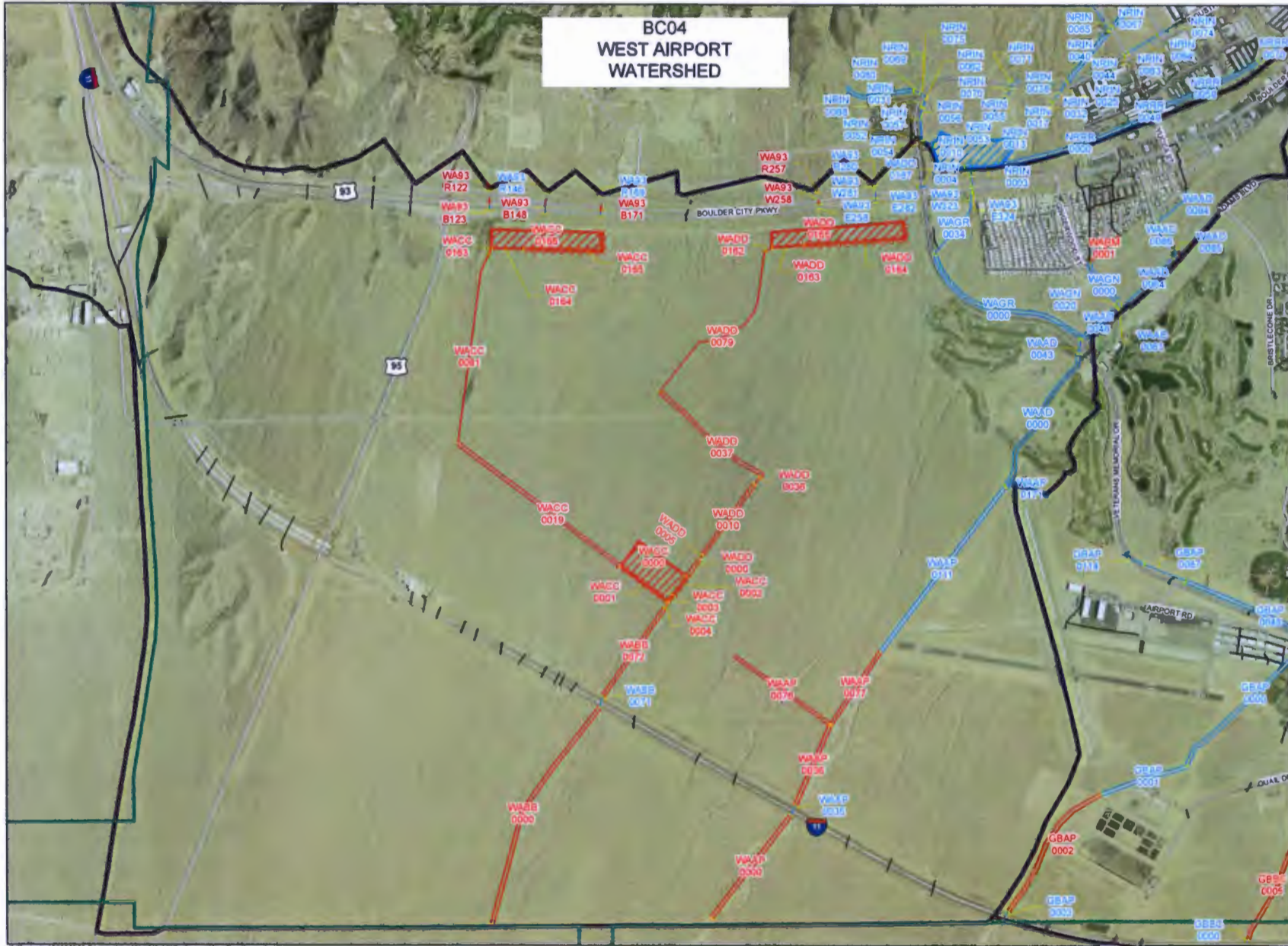
- Legend**
- Boulder City Limits
 - Watersheds
 - Existing Facilities
 - Proposed Facilities
 - Local Facilities
 - Detention Basin
 - ID-Mile Separator
 - Stormdrain
 - Lined Channel
 - Unlined Channel
 - Dike
 - Dike - Replace



Aerial Imagery Source: Clark County 2017



ATKINS
A member of the STANTEC Group



REGIONAL FLOOD CONTROL DISTRICT



BOULDER CITY FLOOD CONTROL MASTER PLAN UPDATE

FIGURE 8-2. REGIONAL FLOOD CONTROL FACILITIES WEST AIRPORT WATERSHED

- Legend**
- Boulder City Limits
 - Watersheds
 - Existing Facilities
 - Proposed Facilities
 - Local Facilities
 - Detention Basin
 - ID-Mile Separator
 - Stormdrain
 - Lined Channel
 - Unlined Channel
 - Natural Wash / Floodway
 - Dike
 - Stormdrain - Replace



Aerial Imagery Source: Clark County 2017



Prepared By: Atkins/GCHS7007 Date: 11/30/2014

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PLAN SUMMARY
AGENDA ITEM**

SUBJECT: Flood Control Facility Maintenance
PETITIONER: DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS
RECOMMENDATION OF PETITIONER: That the Regional Flood Control District Board approve and authorize the Chairman to sign the Interlocal Contract for the maintenance of Flood Control Facilities in the unincorporated areas of Clark County for the 2021-2022 Annual Maintenance Program.

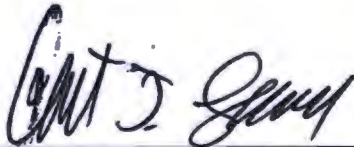
FISCAL IMPACT:

\$ 3,410,500 Funded by the Regional Flood Control District

BACKGROUND:

The Clark County Regional Flood Control District has programmed funds for the maintenance of flood control facilities which are shown on the Master Plan. Clark County Public Works is proposing this Interlocal Contract to provide funds to maintain those facilities shown on the Master Plan and located in the unincorporated areas of Clark County. The maintenance program is identified in Exhibit "A" of the Interlocal Contract.

Respectfully submitted,



CLINT J. SPENCER
Road Division Manager on behalf of
DENIS CEDERBURG
Director of Public Works
DC:CS:ao/Attachment

TAC AGENDA ITEM # 09 Date: 05/27/21	RFCD AGENDA ITEM # Date: 06/10/21
CAC AGENDA ITEM # 09 Date: 05/27/21	

**INTERLOCAL CONTRACT
ANNUAL MAINTENANCE WORK PROGRAM**

THIS CONTRACT, made and entered into this ____ day of _____, 20____, by and between the CLARK COUNTY, a political subdivision of the State of Nevada, hereinafter referred to as COUNTY, and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

WITNESSETH:

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve and fund projects to maintain flood control improvements; and

WHEREAS, pursuant to NRS 277.180 any one or more public agencies may contract with one or more other public agencies to perform any governmental service, activity or undertaking which any of the public agencies is authorized by law to perform; and

WHEREAS, the COUNTY desires to maintain flood control improvements within the COUNTY in accordance with the maintenance program set forth herein, and hereinafter referred to as "Project"; and

WHEREAS, the facilities upon which maintenance will be performed are facilities described in the DISTRICT'S Master Plan.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT authorizes the Project as it is mutually understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance of the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

SECTION II - PROJECT COSTS

The DISTRICT agrees to make payment for Project costs within the limits specified below:

1. The Project costs shall not exceed \$3,410,500.00.

The amounts allocated to each individual facility within the Project must be specified in Exhibit "A". Any changes to said allocated amounts must be approved by the DISTRICT'S Chief Engineer in accordance with Section 4.24 of the DISTRICT *Operations and Maintenance Manual*.

A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved to increase the amount noted above prior to payment of any additional funds.

2. The COUNTY and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the COUNTY shall submit invoices together with a detailed summary report of the maintenance service performed. The COUNTY shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the COUNTY stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District
Accounts Payable
600 S. Grand Central Parkway, Suite 300
Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days of receipt of the invoice. Pursuant to Section IV, Paragraph 8, the DISTRICT may, in its sole discretion, withhold payments to the COUNTY for services rendered if the COUNTY fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.

SECTION III - PROJECT TIME

The COUNTY agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2021 and June 30, 2022. The DISTRICT may grant extensions or terminate this

contract and require all sums advanced to the COUNTY to be repaid if the COUNTY fails to perform by said date.

SECTION IV - GENERAL

1. The COUNTY will complete the Project as set forth in Exhibit "A". The COUNTY staff personnel responsible for coordination of work under this contract are as listed below:

Denis Cederburg, Director of Public Works, or his designee

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The COUNTY will comply with the applicable provisions of the Local Government Purchasing Act, Chapter 332 and Public Works, Chapter 338, of the Nevada Revised Statutes.

3. Applicable portions of the current editions of the *Operations and Maintenance Manual, Policies and Procedures Manual, Hydrologic Criteria and Drainage Design Manual, and Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.

4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the COUNTY will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.

5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the COUNTY, approval for payment of billings and expenses submitted by the COUNTY and the acceptance of any report provided by the COUNTY. The COUNTY shall be responsible for monitoring performance of COUNTY staff or private contractors.

6. Accurate documentation of all work performed and payments made shall be maintained by the COUNTY for a period of three (3) years in hard copy form after final project

approval and payments. Following the three year period, the COUNTY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format in accordance with the COUNTY Record Retention Schedule.

7. The COUNTY shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the COUNTY fails to perform the maintenance according to the standards specified in this contract and the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the COUNTY or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the COUNTY specific written notice of the maintenance required and allowing the COUNTY 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Denis Cederburg
Director, Department of Public Works
500 South Grand Central Parkway, 2nd Floor
Las Vegas, NV 89155-4000

9. The records of the COUNTY and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.

10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.

11. The COUNTY, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.

12. The COUNTY hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.

13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of COUNTY employees, consultants, contractors, or agents.

14. Any costs found to be improperly allocated to the Project will be refunded by the COUNTY to the DISTRICT.

15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.

16. Up to the limits set forth in NRS Chapter 41, the COUNTY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of COUNTY officers, employees or agents, related to or under this Contract which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.

17. This agreement shall be construed and interpreted in accordance with the laws of the State of Nevada.

18. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

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/

IN WITNESS WHEREOF, the parties have caused this contract to be executed the day and year first above written.

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

BY: _____
Debra March, Chair

ATTEST:

Deanna Hughes
Secretary to the Board

Approved as to Form:

BY: _____
Christopher Figgins
RFCF Attorney

Date of Commission Action: COUNTY OF CLARK _____

BY: _____
Marilyn Kirkpatrick, Chair

ATTEST:

Lynn Marie Goya
County Clerk

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PLAN SUMMARY
FISCAL YEAR 2021 – 2022**

Master Plan Facility ID	MWP Facility Number	Facility Description	Cost
FLAM	CC01	FLAMINGO WASH	\$ 1,200,000.00
LVWS	CC02	LAS VEGAS WASH	\$ 290,000.00
DCWA	CC03	DUCK CREEK	\$ 427,500.00
LVRW	CC05	LAS VEGAS RANGE WASH	\$ 362,000.00
TRWA	CC06	TROPICANA WASH	\$ 335,000.00
TRMC	CC07	AIRPORT CHANNEL	\$ 97,000.00
LV02	CC08	MONSON CHANNEL	\$ 60,500.00
DCRH	CC09	RAWHIDE CHANNEL	\$ 148,500.00
VBCH	CC10	VAN BUSKIRK CHANNEL	\$ 156,500.00
FWNF	CC11	FLAMINGO WASH NORTH FORK	\$ 26,000.00
LGWS	CC14	LAUGHLIN WASHES	\$ 39,500.00
MVAL	CC15	MOAPA VALLEY	\$ 41,000.00
BDWS	CC16	BLUE DIAMOND WASH	\$ 158,000.00
SCHL	CC17	SEARCHLIGHT	\$ 4,000.00
BNKV	CC18	BUNKERVILLE	\$ 6,000.00
PTWA	CC19	PITTMAN WASH	\$ 22,500.00
ISWE	CC20	INDIAN SPRINGS, GOODSPRINGS, JEAN, MOUNT CHARLESTON	\$ 9,000.00
GOBE	CC21	NORTHERN BELTWAY CHANNELS	\$ 27,500.00
		Total	\$3,410,500.00

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FINAL BUDGET
FY 2021-2022**

MWP Facility #: **CC 01**

Entity: Clark County

Facility Name: Flamingo Wash

Date Prepared: 5/5/2021

MP Facility ID: F1FA 0000-0004 F2NB 0000-0048 F301 0000-0032, 0059-0071 F401 0000-0003 FLBF 0046-0328

MP Facility ID: FLBN 0001-0033 FLCM 0000 FLDI 0000-0105 FLDN 0000-0160 FLDR 0000-0179 FLDS 0000-0750

MP Facility ID: FLF1 0000-0304 FLF2 0000-0137 FLF3 0000-0198 FLF4 0000-0355 FLFA 0000-0037

MP Facility ID: FLFL 0000-0147 FLHA 0000 FLJO 0000-0076 FLOQ 0000-0100, 0110-0128

MP Facility ID: FLRB 0000-0062 FLRO 0000 FLSB 0000-0138 FLSM 0000-0180 FLSP 0000 FLTR 0000-0347

MP Facility ID: FLVV 0000-0006 FLWA 0001-1443 RRBW 0000 RRFA 0000-0170 RRFC 0000 RRHU 0000-0129

MP Facility ID: RRNA 0000-0097 RRNN 0000-0022 RRNS 0000-0010 RRR4 0000-0160 RRWA 0000-0777

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00			
	5 Inspect Channels	20,000.00			
	6 Inspect Levees, Deten/Debris Basins	30,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	150,000.00			
	15 Repair Lined Channel	20,000.00			
	20 Erosion Control and Repair	5,000.00			
	21 Provide/Maintain Dust Control	5,000.00			
	25 Clean Detention/Debris Basins	145,000.00			
	35 Fence Repair	20,000.00			
	40 Vegetation Control - Chemical	20,000.00			
	45 Vegetation Control - Mechanical	33,500.00			
	50 Maintain Access Road	5,000.00			
	55 Clean & Inspect Inlet/Outlet Structures	15,000.00			
	60 Repair Inlet/Outlet Structures	2,500.00			
	65 Clean Storm Sewer Lines	5,000.00			
	70 Storm Sewer Line Repair	5,000.00			
	75 Clean/Flush Culverts & Bridges	4,000.00			
	80 Miscellaneous Work Activities	400,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	310,000.00			
	TOTALS	\$1,200,000.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:

Misc. maintenance. Homeless cleanup. Clean & inspect detention/debris basins listed in facilities above. Flamingo Wash FLWA 0458 Concrete Channel - Joint repairs were completed on July 8th, 2020. New railroad (expanded metal) fencing added to Flamingo Wash FLWA 0564.

Work to be completed during current fiscal year:

Channel maintenance contract. Homeless cleanup. Clean & inspect detention/debris basins listed in facilities above. Ongoing pre-emergent for Upper Flamingo Detention Basin and Red Rock Detention Basins performed as needed. Silt removal from Red Rock Detention Basin, R4, F1, F2, F3 and F4. Contract for Club at Sunrise. Railroad fencing additions to various locations.

Consultant/

Contractor:

Project

Manager:

Clint Spencer

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FINAL BUDGET
FY 2021-2022**

MWP Facility #: **CC 02**
 Facility Name: **Las Vegas Wash**
 MP Facility ID: **COLM 0000**
 MP Facility ID: **LV01 0000-0116**
 MP Facility ID: **LVCO 0000-0109**
 MP Facility ID: **LVMD 0675-1054, 1421-1550**
 MP Facility ID: **NLWY 0000-0030**
 MP Facility ID: _____
 MP Facility ID: _____

Entity: **Clark County**
 Date Prepared: **5/5/2021**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$3,500.00			
	5 Inspect Channels	5,000.00			
	6 Inspect Levees, Deter/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	57,000.00			
	15 Repair Lined Channel	2,500.00			
	20 Erosion Control and Repair	45,000.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	2,000.00			
	40 Vegetation Control - Chemical	10,000.00			
	45 Vegetation Control - Mechanical	25,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	40,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	100,000.00			
	TOTALS	\$290,000.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:

Misc. maintenance. Homeless cleanup. Ongoing vegetation control at Lower Las Vegas Wash LVMD 0675-0780 .
 NLV will maintain Lower Las Vegas Wash LVMD 1355-1400 Concrete and Gabion Channel per December 2020 Board Item.

Work to be completed during current fiscal year:

Misc. maintenance. Homeless cleanup. Maintenance in the Club at Sunrise. Channel maintenance contract.
 Maintenance pending storms at Tropicana at Wetlands Park LV01 0000.

Consultant/
 Contractor: _____
 Project
 Manager: **Clint Spencer** Phone Number: **702-455-7540**

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM**

FINAL BUDGET

MWP Facility #: **CC 03**

Facility Name: **Duck Creek**

MP Facility ID: **BDW5 0000-0023, 0155, 0205-0210, 0246-0330, 0346, 0357**

MP Facility ID: **DC95 0000-0038 DCBD 0000-0273 DCCA 0000-0078 DCCD 0000**

MP Facility ID: **DCGL 0000-0086, 0106, 0112, 0138-0179 DCHV 0000-0012 DCI1 0000-0031**

MP Facility ID: **DCLB 0000 DCLV 0000-0230 DCPA 0000-0106 DCPI 0000-0032**

MP Facility ID: **DCRB 0000-0015 DCSH 0000-0017 DCST 0036 DCW1 0000-0132**

MP Facility ID: **DCW4 0004-0122, 0366-0557, 0665-0786, 0940-0971 DCW5 0000-0059**

MP Facility ID: **DCWA 0000-0597, 0699-1748, 1869-1929 DCWB 0000-0086 DCWF 0000-0061**

Entity: **Clark County**

Date Prepared: **5/5/2021**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00			
	5 Inspect Channels	5,000.00			
	6 Inspect Levees, Deter/Debris Basins	20,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	10,000.00			
	15 Repair Lined Channel	5,000.00			
	20 Provide/Maintain Erosion Control	15,000.00			
	21 Provide/Maintain Dust Control	35,000.00			
	25 Clean Detention/Debris Basins	16,000.00			
	35 Fence Repair	8,000.00			
	40 Vegetation Control - Chemical	10,000.00			
	45 Vegetation Control - Mechanical	30,000.00			
	50 Maintain Access Road	5,000.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	1,000.00			
	65 Clean Storm Sewer Lines	2,500.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	140,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	120,000.00			
	TOTALS	\$427,500.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:

Ongoing vegetation control on native sections East of Mountain Vista DCWA 0509-0340 Duck Creek Wash. Misc. maintenance. Homeless cleanup. Clean & inspect detention/debris basins listed in facilities above. Silt removal, reshaping flowline, access road and slopes, tree and vegetation removal in channel.

Work to be completed during current fiscal year:

Clean & inspect detention/debris basins listed in facilities above. Misc. maintenance. Homeless cleanup. Channel maintenance contract. Erosion control at Duck Creek Railroad Detention Basin DCW4 0393, Upper Duck Creek Detention Basin DCW4 0942, Central Duck Creek Detention Basin DCWA 1659, Lower Duck Creek Detention Basin DCWA 1217. Ongoing pre-emergent for Lower Duck Creek Detention Basin DCWA 1217. Ongoing vegetation control and maintenance at Duck Creek Wash Earth Channel DCWA 0430 and DCWA 0444.

Consultant/

Contractor:

Project

Manager:

Clint Spencer

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM**

FINAL BUDGET

FY 2021-2022

MWP Facility #: CC 05
 Facility Name: Las Vegas Range Wash
 MP Facility ID: RWSL 0000-0728 RWWE 0016-0054
 MP Facility ID: SLBN 0000 SLCA 0000, 0025, 0049
 MP Facility ID: SLCH 0000 SLEB 0000-0145 SLER 0000-0086
 MP Facility ID: SLLM 0000 SLNL 0095 SLOR 0000-0155
 MP Facility ID: SLSL 0000 SLST 0000-0095 SLWA 0000-0091
 MP Facility ID: _____
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$2,000.00			
	5 Inspect Channels	5,000.00			
	6 Inspect Levees, Deten/Debris Basins	8,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	60,000.00			
	15 Repair Lined Channel	50,000.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	15,000.00			
	25 Clean Detention/Debris Basins	10,000.00			
	35 Fence Repair	50,000.00			
	40 Vegetation Control - Chemical	9,000.00			
	45 Vegetation Control - Mechanical	5,000.00			
	50 Maintain Access Road	2,500.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	100,000.00			
	85 Engineering	20,000.00			
	90 Homeless Cleanup	25,500.00			
	TOTALS	\$362,000.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:
 Misc. maintenance. Homeless cleanup. Clean & inspect detention/debris basins listed in facilities above.

Work to be completed during current fiscal year: Clean & inspect detention/debris basins listed in facilities above.
 Misc. maintenance. Homeless cleanup. Channel maintenance contract.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM**

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FY 2021-2022

MWP Facility #: **CC 06**

Facility Name: **Tropicana Wash**

MP Facility ID: **BDBF 0000-0006 BDFW 0000 BDJO 0000-0061**

MP Facility ID: **BDMD 0121 BDMO 0000-0010 BDRB 0000-0118**

MP Facility ID: **BDRR 0000 BDWS 0000-0007**

MP Facility ID: **NBSC 0000 RBMO 0000-0045**

MP Facility ID: **TRBD 0000-0930 TRNB 0000-0113**

MP Facility ID: **TRWA 0000-0422, 0441-0454**

MP Facility ID: _____

Entity: **Clark County**

Date Prepared: **5/5/2021**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$2,000.00			
	5 Inspect Channels	3,000.00			
	6 Inspect Levees, Deten/Debris Basins	15,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	10,000.00			
	15 Repair Lined Channel	10,000.00			
	20 Provide/Maintain Erosion Control	5,000.00			
	21 Provide/Maintain Dust Control	5,000.00			
	25 Clean Detention/Debris Basins	30,000.00			
	35 Fence Repair	5,000.00			
	40 Vegetation Control - Chemical	5,000.00			
	45 Vegetation Control - Mechanical	5,000.00			
	50 Maintain Access Road	5,000.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	5,000.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	100,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	130,000.00			
	TOTALS	\$335,000.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:

Clean & inspect detention/debris basins listed in facilities above. Misc. maintenance. Homeless cleanup.

Repairs to Tropicana Detention Basin TRWA 0454 low flow were made by the concrete crew during June of 2020.

Work to be completed during current fiscal year:

Clean & inspect detention/debris basins listed in facilities above.

Misc. work contract maintenance adjacent to beltway. Homeless cleanup.

Silt removal at Upper Blue Diamond TRBD 0930 and Blue Diamond debris basin TRBD 0681 pending storms. Ongoing pre-emergent for Tropicana Detention Basin TRWA 0454 and the Upper Blue Diamond Detention Basin TRBD 0930 performed as needed.

Consultant/

Contractor:

Project

Manager:

Clint Spencer

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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MWP Facility #: CC 07
 Facility Name: Airport Channel
 MP Facility ID: TRMC 0001-0080, 0195-0290
 MP Facility ID: WGTR 0058-0180
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	1,500.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	2,000.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	5,000.00			
	40 Vegetation Control - Chemical	1,000.00			
	45 Vegetation Control - Mechanical	500.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	2,000.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	5,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	80,000.00			
	TOTALS	\$97,000.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:
 Misc. maintenance. Homeless cleanup.

Work to be completed during current fiscal year:
 Misc. maintenance. Homeless cleanup.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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MWP Facility #: CC 08
 Facility Name: Monson Channel
 MP Facility ID: LV02 0000-0303
 MP Facility ID: NLFL 0000-0144
 MP Facility ID: VBTW 0000
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,500.00			
	5 Inspect Channels	1,500.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	15,000.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	1,500.00			
	40 Vegetation Control - Chemical	6,000.00			
	45 Vegetation Control - Mechanical	15,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	5,000.00			
	85 Engineering	5,000.00			
	90 Homeless Cleanup	10,000.00			
	TOTALS	\$60,500.00			06/2022
Delays or problem areas:					
Work completed during prior fiscal year:					
Misc. maintenance.					
Work to be completed during current fiscal year:					
Misc. maintenance.					

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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MWP Facility #: CC 09
 Facility Name: Rawhide Channel
 MP Facility ID: DCRH 0000-0305
 MP Facility ID: MCE2 0000
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00			
	5 Inspect Channels	3,000.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	1,500.00			
	15 Repair Lined Channel	5,000.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	5,000.00			
	40 Vegetation Control - Chemical	5,000.00			
	45 Vegetation Control - Mechanical	2,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	1,000.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	120,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	5,000.00			
	TOTALS	\$148,500.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:
 Misc. maintenance.

Work to be completed during current fiscal year:
 Misc. maintenance. Homeless cleanup. Channel maintenance contract.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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MWP Facility #: CC 10
 Facility Name: Van Buskirk Channel
 MP Facility ID: VBCH 0000-0138
 MP Facility ID: VBMC 0000-0249
 MP Facility ID: VBTM 0000-0174
 MP Facility ID: VBVR 0000
 MP Facility ID: _____
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$2,000.00			
	5 Inspect Channels	2,000.00			
	6 Inspect Levees, Deten/Debris Basins	4,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	0.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	2,000.00			
	35 Fence Repair	500.00			
	40 Vegetation Control - Chemical	1,000.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	5,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	140,000.00			
	TOTALS	\$156,500.00			06/2022
Delays or problem areas:					
Work completed during prior fiscal year: Clean & inspect detention/debris basins listed in facilities above. Misc. maintenance of Van Buskirk A Detention Basin VBMC 0161 and Van Buskirk C Detention Basin VBTM 0027. Homeless cleanup.					
Work to be completed during current fiscal year: Clean & inspect detention/debris basins listed in facilities above. Misc. maintenance of Van Buskirk A Detention Basin VBMC 0161 and Van Buskirk C Detention Basin VBTM 0027. Homeless cleanup.					

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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FY 2021-2022**

MWP Facility #: CC 11
 Facility Name: Flamingo Wash North Fork
 MP Facility ID: FLDY 0000-0013
 MP Facility ID: FLLA 0000-0379
 MP Facility ID: FLMN 0000-0075
 MP Facility ID: FLMS 0000
 MP Facility ID: _____
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	1,000.00			
	6 Inspect Levees, Deten/Debris Basins	1,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	4,000.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	1,000.00			
	35 Fence Repair	1,500.00			
	40 Vegetation Control - Chemical	2,500.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	5,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	10,000.00			
	TOTALS	\$26,000.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:
 Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above. Homeless cleanup.

Work to be completed during current fiscal year:
 Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above. Homeless cleanup.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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MWP Facility #: CC 14
 Facility Name: Laughlin Washes
 MP Facility ID: LUBC 0000-0010, 0324
 MP Facility ID: LUED 0000-0014
 MP Facility ID: LUHS 0000-0242, 0250
 MP Facility ID: LUMA 0023-0060
 MP Facility ID: LUUW 0000-0150
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00			
	5 Inspect Channels	1,500.00			
	6 Inspect Levees, Deten/Debris Basins	7,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	6,000.00			
	15 Repair Lined Channel	1,000.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	10,000.00			
	35 Fence Repair	2,000.00			
	40 Vegetation Control - Chemical	1,500.00			
	45 Vegetation Control - Mechanical	1,500.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	5,000.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	2,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	1,000.00			
	TOTALS	\$39,500.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:

Misc. maintenance.

Work to be completed during current fiscal year:

Sediment removal at Bridge Canyon Wash LUBC 0000 and Hiko Detention Basin LUHS 0242 pending storms.

Misc. maintenance at Bridge Canyon Wash LUBC 0000 and Hiko Detention Basin LUHS 0242.

Consultant/

Contractor:

Project

Manager:

Clint Spencer

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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FY 2021-2022**

MWP Facility #: CC 15
 Facility Name: Moapa Valley
 MP Facility ID: GASD 0000-0058
 MP Facility ID: LWAW 0000
 MP Facility ID: MRL 0001-0038
 MP Facility ID: MRLV 0343-0537, 0725
 MP Facility ID: _____
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	2,500.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	10,000.00			
	15 Repair Lined Channel	2,000.00			
	20 Provide/Maintain Erosion Control	10,500.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	2,000.00			
	35 Fence Repair	0.00			
	40 Vegetation Control - Chemical	2,000.00			
	45 Vegetation Control - Mechanical	1,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	10,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	1,000.00			
	TOTALS	\$41,000.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:

Misc. maintenance.

Work to be completed during current fiscal year:

Misc. maintenance.

Ongoing clean & provide erosion control at Cooper Bridge MRLV 0343-0537 as needed.

Consultant/

Contractor:

Project

Manager:

Clint Spencer

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
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MWP Facility #: CC 16
 Facility Name: Blue Diamond Wash
 MP Facility ID: BD02 0000-0098
 MP Facility ID: BD03 0000-0081
 MP Facility ID: BDBE 0000-0134
 MP Facility ID: BDW1 0000-0077, BDW2 0023
 MP Facility ID: BDW3 0000-0008, BDW4 0160-0174
 MP Facility ID: BDWA 0000-0212, 0394-0633

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	3,500.00			
	6 Inspect Levees, Deten/Debris Basins	4,500.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	10,000.00			
	15 Repair Lined Channel	5,000.00			
	20 Provide/Maintain Erosion Control	5,000.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	50,000.00			
	35 Fence Repair	2,000.00			
	40 Vegetation Control - Chemical	2,000.00			
	45 Vegetation Control - Mechanical	5,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	1,000.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	15,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	55,000.00			
	TOTALS	\$158,000.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above. Homeless cleanup.

Work to be completed during current fiscal year:

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above. Homeless cleanup.

Consultant/
Contractor:

Project

Manager:

Clint Spencer

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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FY 2021-2022**

MWP Facility #: CC 17
 Facility Name: Searchlight
 MP Facility ID: SREA 0000-0065
 MP Facility ID: SRSO 0000-0030
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$500.00			
	5 Inspect Channels	1,000.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	1,000.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	0.00			
	40 Vegetation Control - Chemical	500.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	500.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	500.00			
	TOTALS	\$4,000.00			06/2022
Delays or problem areas:					
Work completed during prior fiscal year:					
Misc. maintenance.					
Work to be completed during current fiscal year:					
Misc. maintenance. Homeless cleanup.					

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
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FY 2021-2022**

MWP Facility #: CC 18
 Facility Name: Bunkerville
 MP Facility ID: JEWA 0165, 0167
 MP Facility ID: WIJE 0000-0085
 MP Facility ID: WIWA 0000-0038
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	1,000.00			
	6 Inspect Levees, Deten/Debris Basins	2,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	0.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	1,000.00			
	35 Fence Repair	500.00			
	40 Vegetation Control - Chemical	1,000.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	500.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	0.00			
	TOTALS	\$6,000.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above.
 Sediment removed from the debris basin and silt trap area.

Work to be completed during current fiscal year:

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FINAL BUDGET
FY 2021-2022**

MWP Facility #: CC 19
 Facility Name: Pittman Wash
 MP Facility ID: PTBL 0000, 0028-0157
 MP Facility ID: PTDC 0000-0014
 MP Facility ID: PTWA 0477-0738, 0778
 MP Facility ID: PTWB 0000-0016
 MP Facility ID: _____
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00			
	5 Inspect Channels	1,000.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	5,000.00			
	15 Repair Lined Channel	1,000.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	1,000.00			
	40 Vegetation Control - Chemical	2,500.00			
	45 Vegetation Control - Mechanical	1,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	5,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	5,000.00			
	TOTALS	\$22,500.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:
 Misc. maintenance. Homeless cleanup.

Work to be completed during current fiscal year:
 Misc. maintenance. Homeless cleanup.
 Channel maintenance adjacent to beltway.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FINAL BUDGET
FY 2021-2022**

MWP Facility #: CC 20
 Facility Name: Indian Springs, Goodsprings, Jean, Mount Charleston
 MP Facility ID: GS2A 0035 GSPA 0028
 MP Facility ID: ISWE 0100-1001 JNCH 0038
 MP Facility ID: MTCH 0000
 MP Facility ID: _____
 MP Facility ID: _____
 MP Facility ID: _____

Entity: Clark County
 Date Prepared: 5/5/2021

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	1,000.00			
	6 Inspect Levees, Deten/Debris Basins	1,500.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	0.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	3,000.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	2,500.00			
	35 Fence Repair	0.00			
	40 Vegetation Control - Chemical	0.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	1,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	0.00			
	TOTALS	\$9,000.00			06/2022

Delays or problem areas:

Work completed during prior fiscal year:

Misc. maintenance.

Work to be completed during current fiscal year:

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above.

Consultant/

Contractor:

Project

Manager:

Clint Spencer

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FINAL BUDGET
FY 2021-2022**

MWP Facility #: **CC 21**
 Facility Name: **Northern Beltway Channels**
 MP Facility ID: **EKEA 0028-0338**
 MP Facility ID: **GOBW 0000-0048 GOEC 0000-0076**
 MP Facility ID: **GONO 0117-0335**
 MP Facility ID: **RWBW 0000, 0027 RWWE 0483, 0514**
 MP Facility ID: **UPDE 0000-0133, UPEA 0264-0340**
 MP Facility ID: _____

Entity: **Clark County**
 Date Prepared: **5/5/2021**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	2,000.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	15,000.00			
	15 Repair Lined Channel	2,000.00			
	20 Erosion Control and Repair	5,000.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	500.00			
	40 Vegetation Control - Chemical	1,000.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	1,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	1,000.00			
	TOTALS	\$27,500.00			06/2022

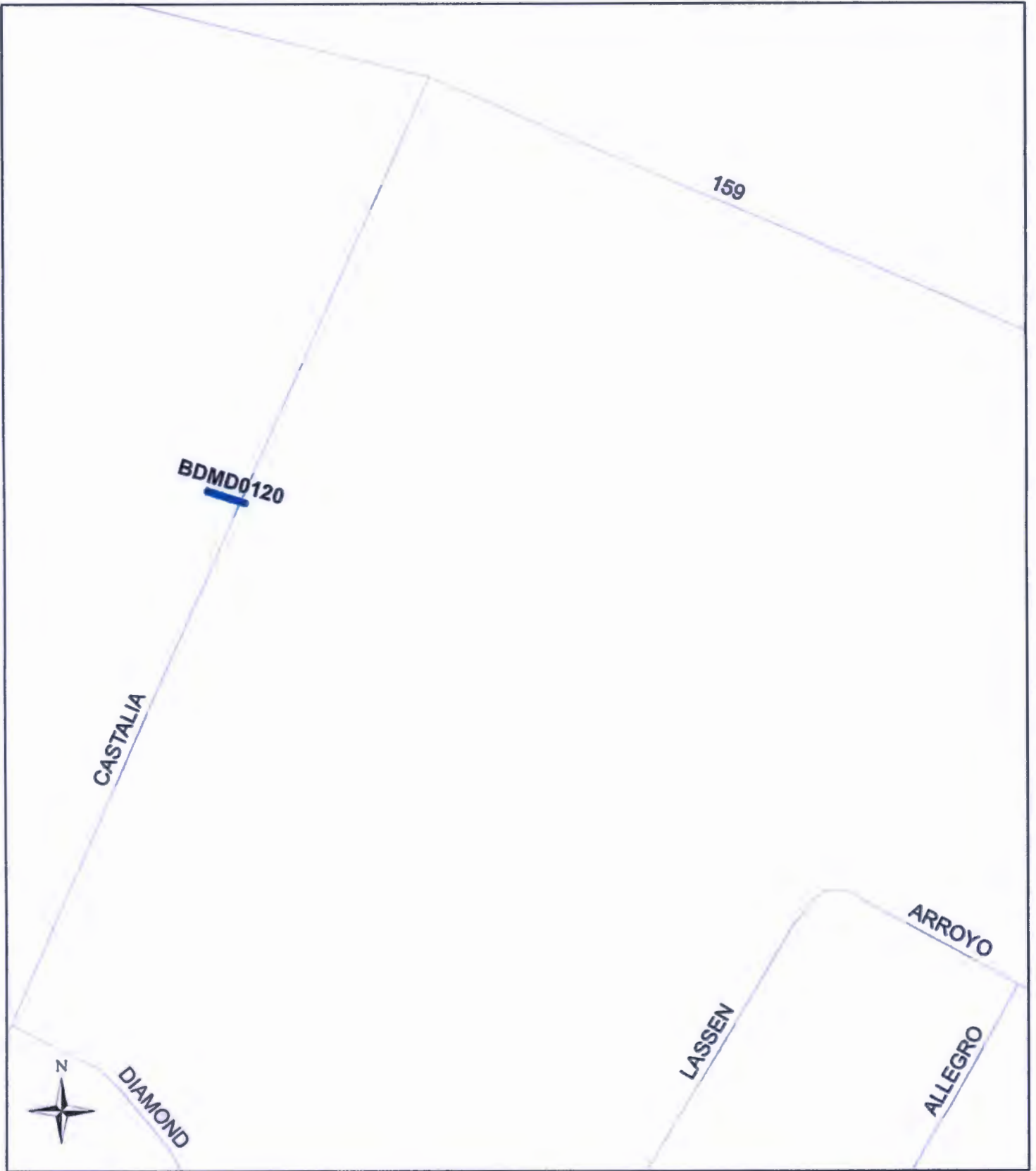
Delays or problem areas:

Work completed during prior fiscal year:
 Misc. maintenance. RCHB 0000-0295 are now on City of Las Vegas' MWP (LV 57).

Work to be completed during current fiscal year:
 Misc. maintenance. Homeless cleanup.

Consultant/
 Contractor: _____
 Project
 Manager: Clint Spencer Phone Number: 702-455-7540

EXHIBIT A - MAPS

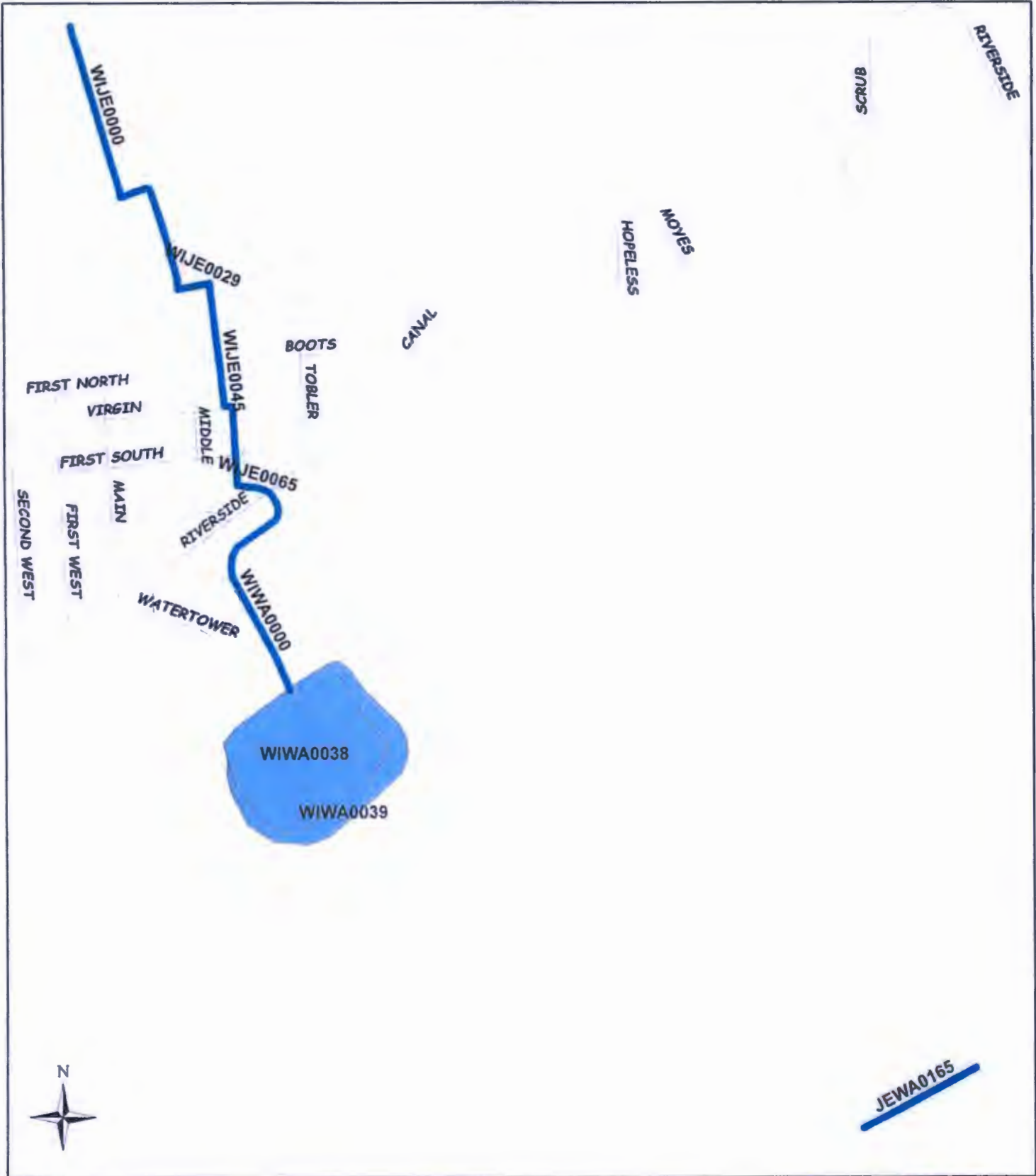


Legend

 Channel/Storm Drains

**BLUE DIAMOND
CROSSING AT CASTALIA ST**



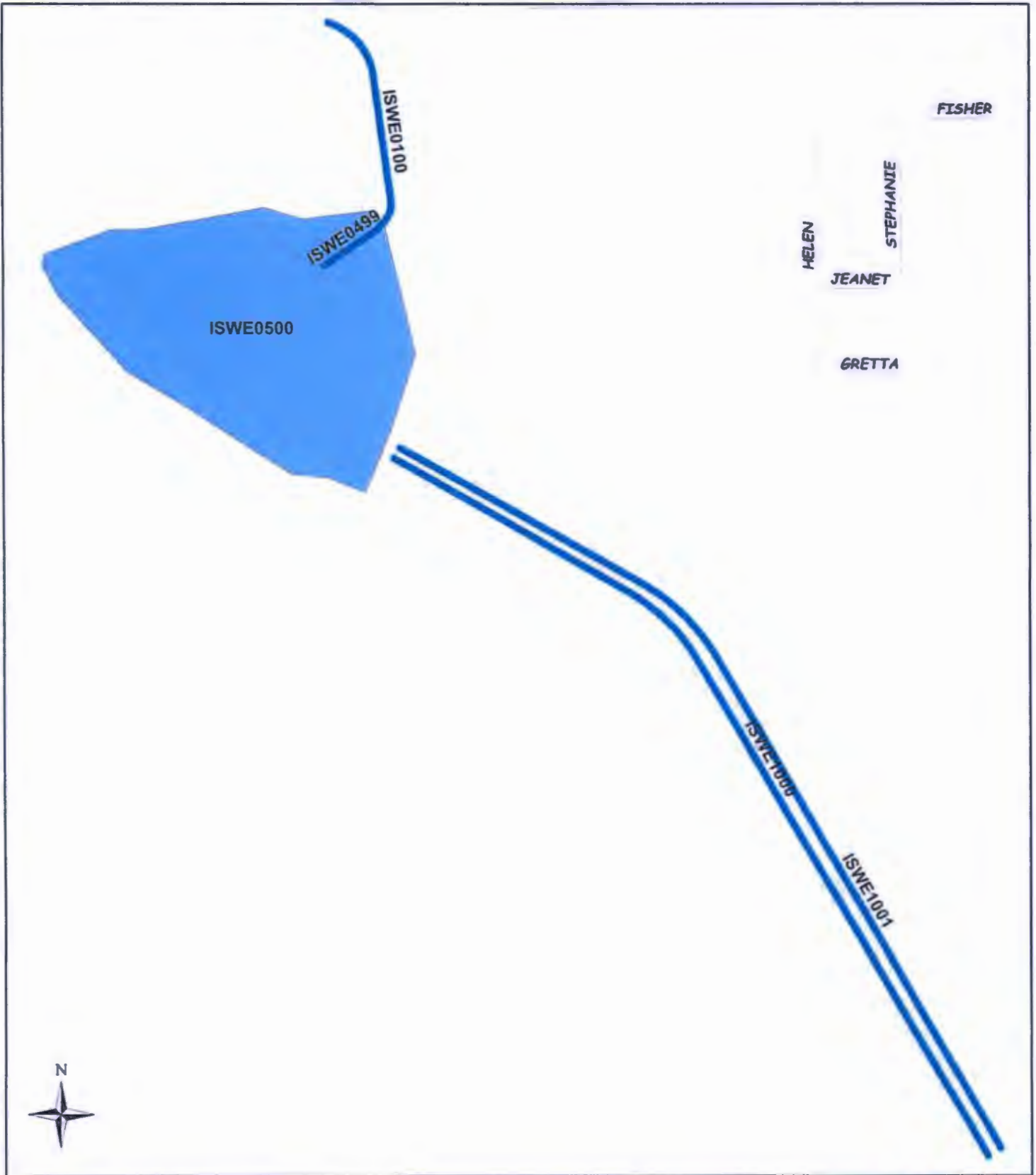


Legend



- Channels/Storm Drains
- Basins

BUNKERVILLE WASHES



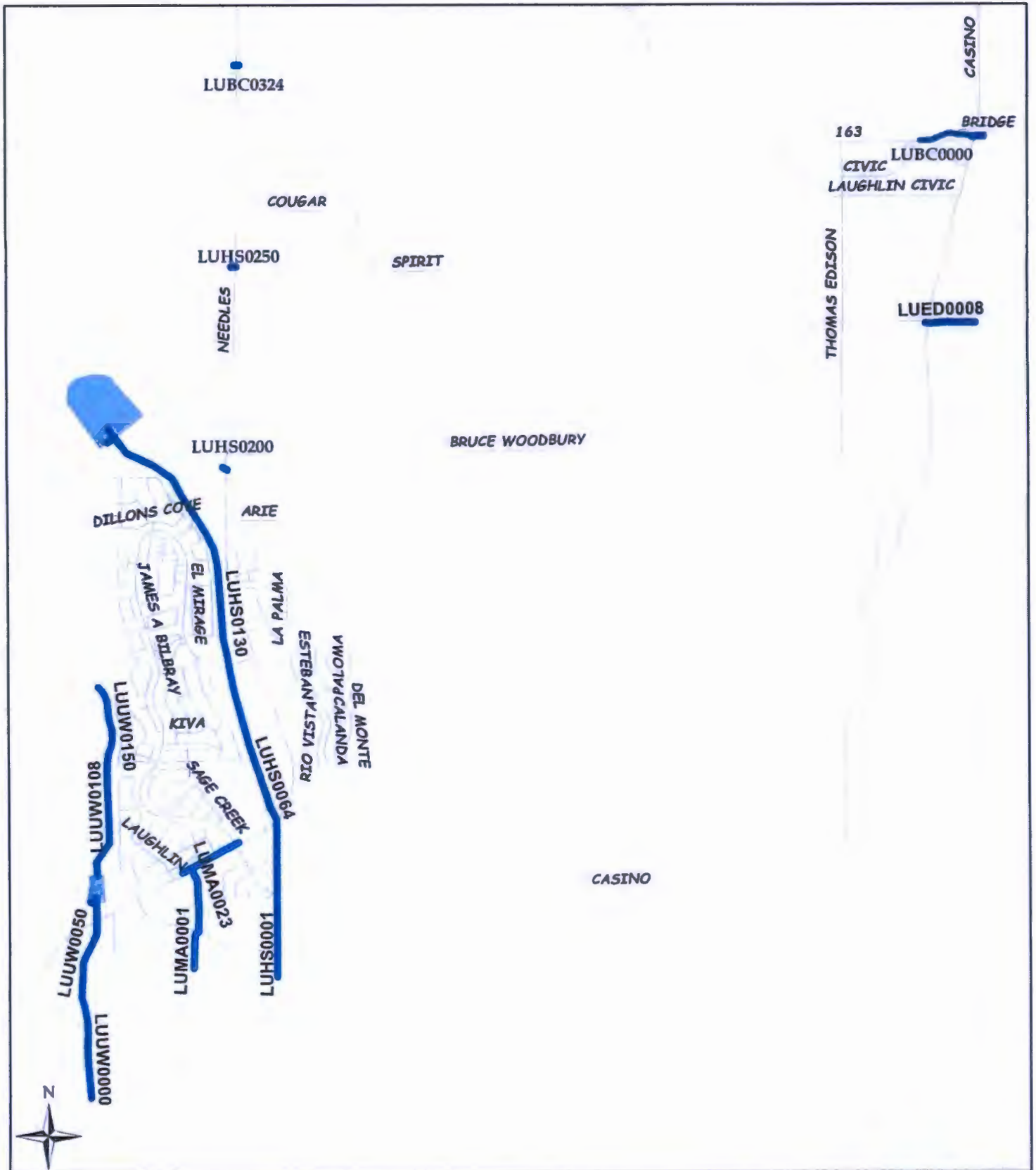


Legend

-  Channels/Storm Drains
-  Basins

INDIAN SPRINGS





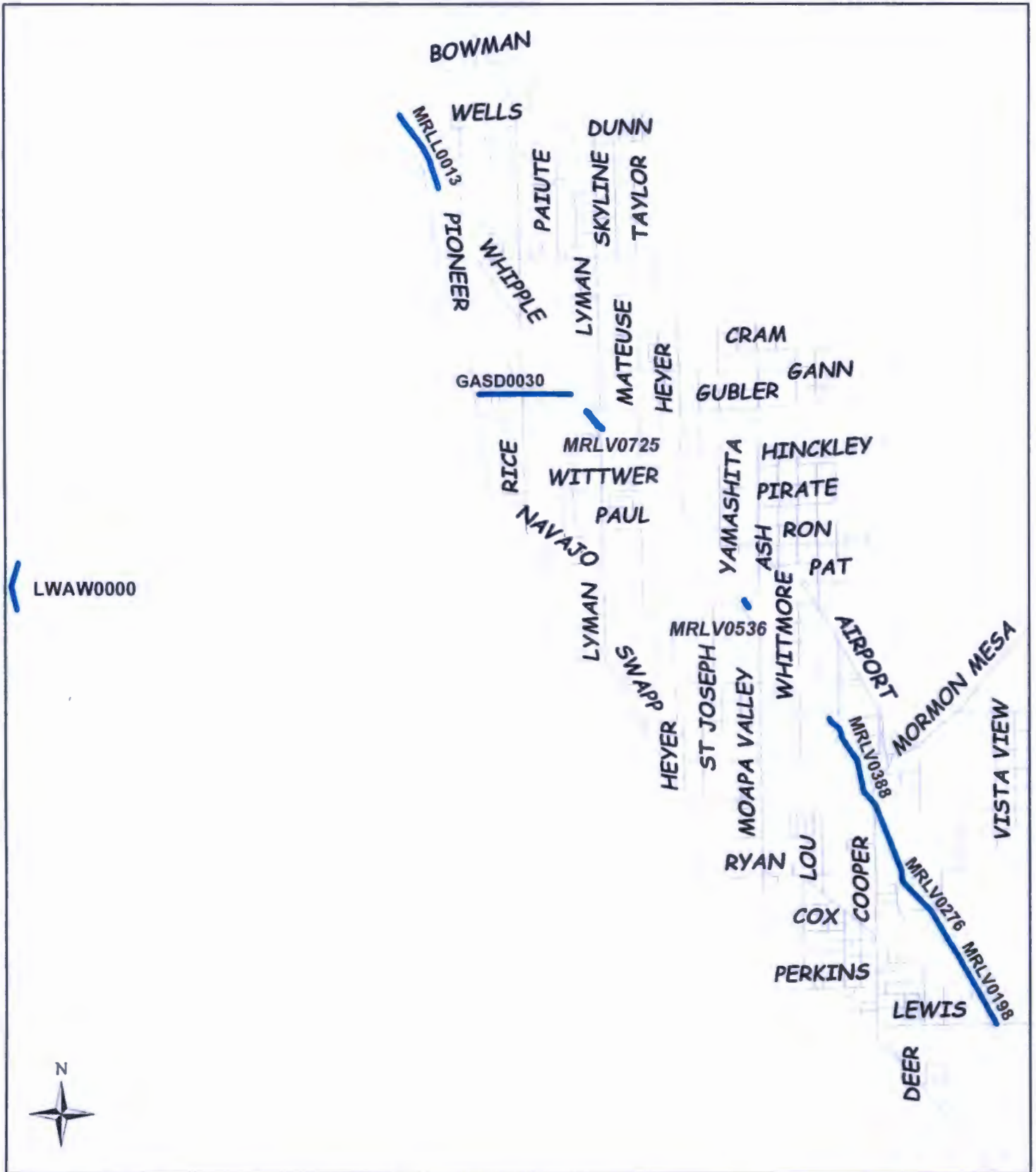
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- Channels/Storm Drains
- Basins

LAUGHLIN WASHES





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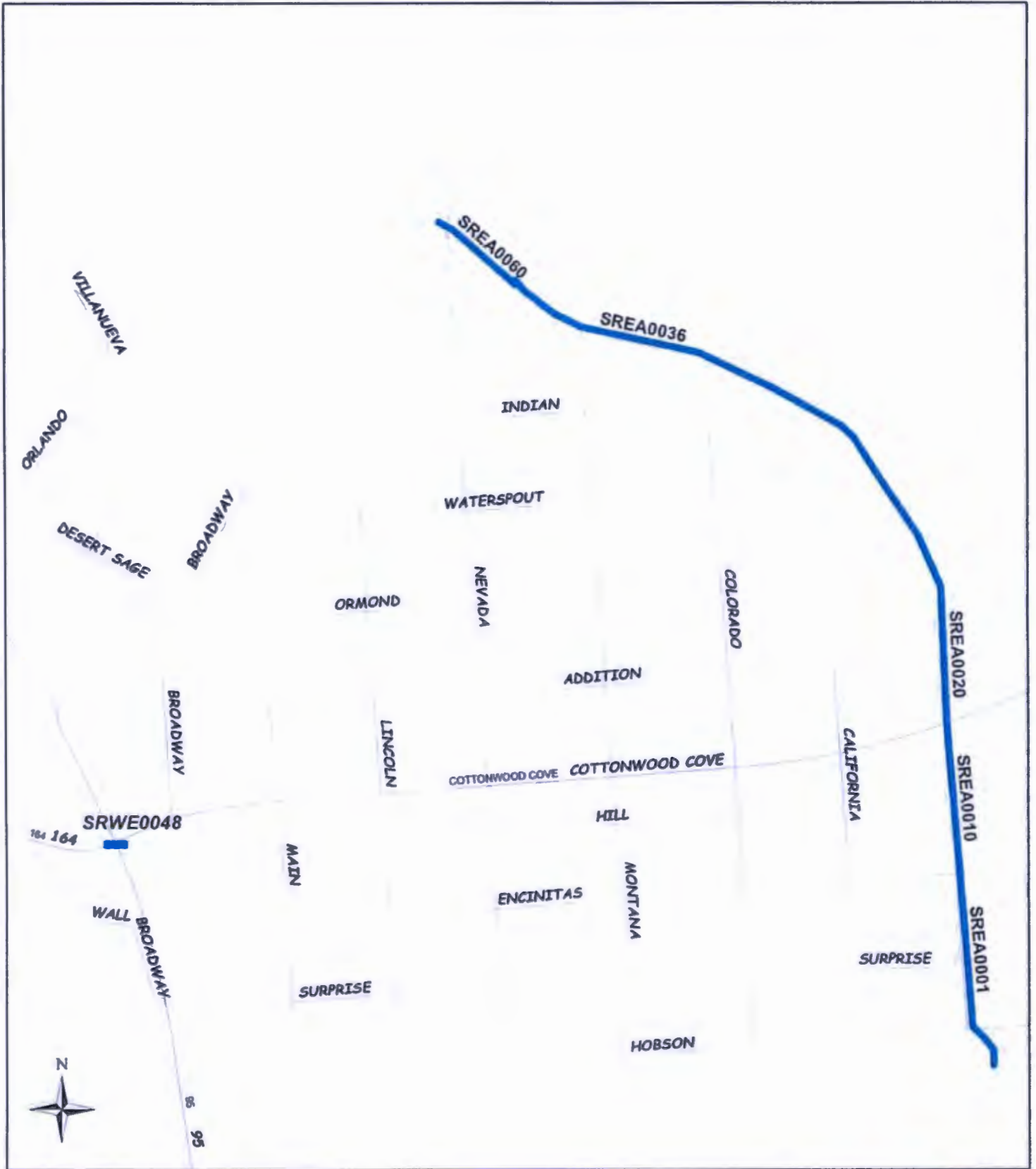
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Legend

-  Channels/Storm Drains
-  Basins

MOAPA VALLEY WASHES





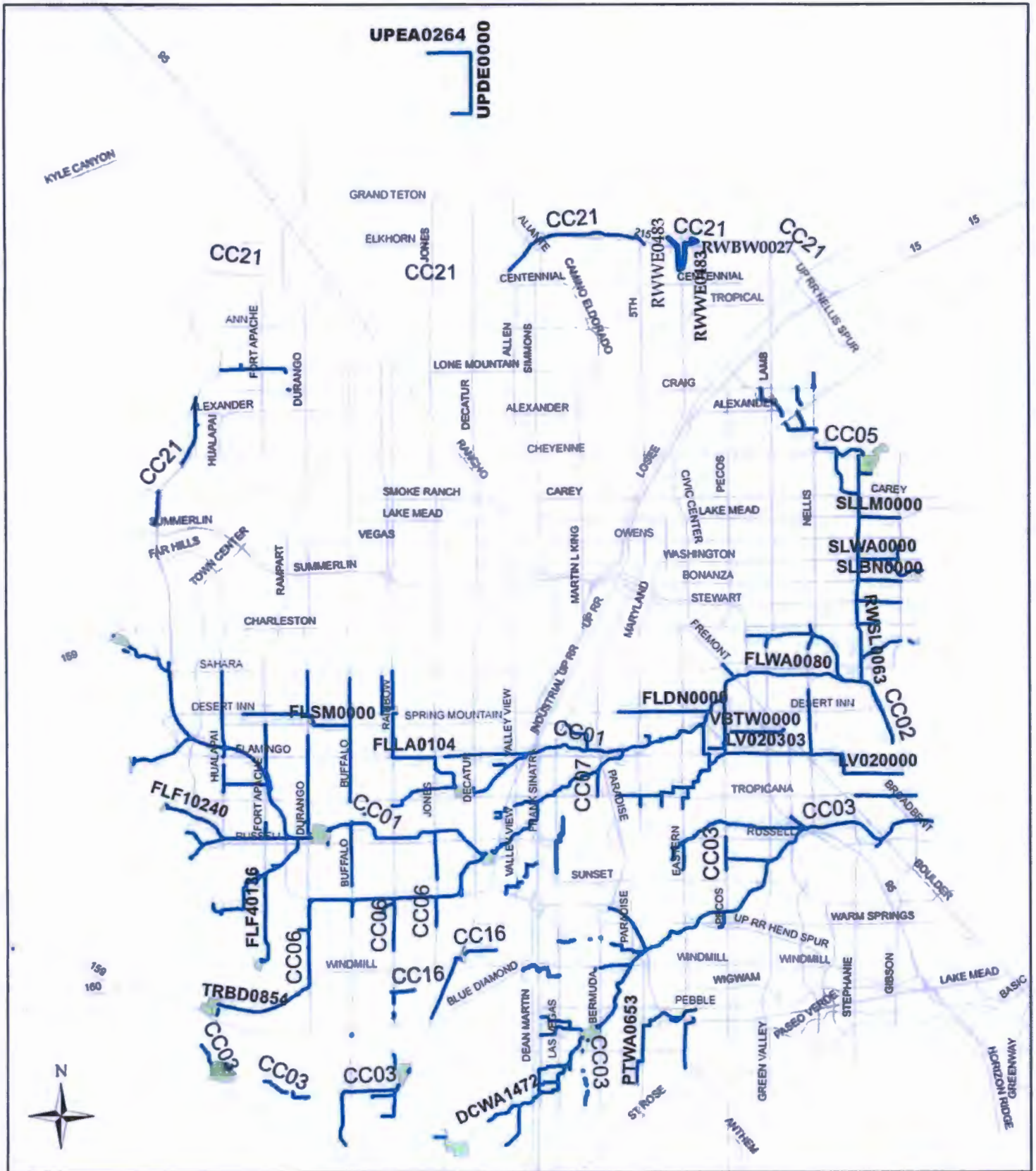
Legend

 Channels/Strom Drains

SEARCHLIGHT WASHES



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UPEA0264
UPDE0000

Legend

- Channels/Storm Drains
- Basins

**LAS VEGAS VALLEY
FLOOD CONTROL FACILITIES
MAINTAINED BY CLARK COUNTY**



This information provided is for informational purposes only. It is not intended to be used as a basis for any legal action. The information is provided as is and without warranty. Clark County, Nevada
Revised: March 21, 2012

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

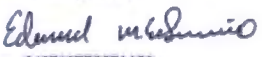
SUBJECT: ANNUAL MAINTENANCE WORK PROGRAM 2021-2022
PETITIONER: CITY OF HENDERSON
RECOMMENDATION OF PETITIONER: IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS INTERLOCAL CONTRACT FOR THE MAINTENANCE OF REGIONAL FLOOD CONTROL FACILITIES FOR FY 2021-2022 (FOR POSSIBLE ACTION)

FISCAL IMPACT: The 2021-2022 Interlocal Contract is for \$2,921,900

BACKGROUND:

The 2021-2022 Maintenance Work Program has been developed to maintain Regional Flood Control facilities within the City of Henderson. The locations of the facilities to be maintained are shown on Exhibit "A" of the proposed Interlocal Agreement and the work to be performed is described in the work program which is attached.

Respectfully submitted,

DocuSigned by:

046713FB88714C2
Edward McGuire
Director of Public Works

TAC AGENDA ITEM # 09 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM # 09 Date: 05/27/2021	

AJ:mvp
April 8, 2021

**INTERLOCAL CONTRACT
ANNUAL MAINTENANCE WORK PROGRAM**

This CONTRACT, made and entered into this ____ day of _____, 2021, by and between the CITY OF HENDERSON, a political subdivision of the State of Nevada, hereinafter referred to as "CITY", and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

W I T N E S S E T H:

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve and fund projects to maintain flood control improvements; and

WHEREAS, pursuant to NRS 277.180 any one or more public agencies may contract with one or more other public agencies to perform any governmental service, activity or undertaking which any of the public agencies is authorized by law to perform; and

WHEREAS, the CITY desires to maintain flood control improvements within the CITY in accordance with the maintenance program set forth herein, and hereinafter referred to as "Project"; and

WHEREAS, the facilities upon which maintenance will be performed are facilities described in the DISTRICT'S Master Plan.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT authorizes the Project as it is mutually understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance of the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

SECTION II - PROJECT COSTS

The DISTRICT agrees to make payment for Project costs within the limits specified below:

1. The Project costs shall not exceed \$2,921,900.00.

The amounts allocated to each individual facility within the Project must be specified in Exhibit "A". Any changes to said allocated amounts must be approved by the DISTRICT'S Chief Engineer in accordance with Section 4.24 of the DISTRICT *Operations and Maintenance Manual*.

A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved to increase the amount noted above prior to payment of any additional funds.

2. The CITY and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the CITY shall submit invoices together with a detailed summary report of the maintenance service performed. The CITY shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the CITY stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District
Accounts Payable
600 S. Grand Central Parkway, Suite 300
Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days of receipt of the invoice. Pursuant to Section IV, Paragraph 8, the DISTRICT may, in its sole discretion, withhold payments to the CITY for services rendered if the CITY fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.

SECTION III - PROJECT TIME

The CITY agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2021 and June 30, 2022. The DISTRICT may grant extensions or terminate this contract and require all sums advanced to the CITY to be repaid if the CITY fails to perform by said date.

SECTION IV - GENERAL

1. The CITY will complete the Project as set forth in Exhibit "A". The CITY staff personnel responsible for coordination of work under this contract are as listed below:

Edward McGuire, P.E., Director - Public Works
Albert J. Jankowiak, P.E., CFM, Project Engineer III-Public Works

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The CITY will comply with the applicable provisions of the Local Government Purchasing Act, Chapter 332 and Public Works, Chapter 338, of the Nevada Revised Statutes.

3. Applicable portions of the current editions of the *Operations and Maintenance Manual*, *Policies and Procedures Manual*, *Hydrologic Criteria and Drainage Design Manual*, and *Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.

4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the CITY will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.

5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the CITY, approval for payment of billings and expenses submitted by the CITY and the

acceptance of any report provided by the CITY. The CITY shall be responsible for monitoring performance of CITY staff or private contractors.

6. Accurate documentation of all work performed and payments made shall be maintained by the CITY for a period of three (3) years in hard copy form after final project approval and payments. Following the three year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format in accordance with the CITY Record Retention Schedule.

7. The CITY shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the CITY fails to perform the maintenance according to the standards specified in this contract and the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the CITY or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the CITY specific written notice of the maintenance required and allowing the CITY 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Edward McGuire, P.E., Director - Public Works
Albert J. Jankowiak, P.E., CFM, Project Engineer III-Public Works

9. The records of the CITY and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.

10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.

11. The CITY, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.

12. The CITY hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.

13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of CITY employees, consultants, contractors, or agents.

14. Any costs found to be improperly allocated to the Project will be refunded by the CITY to the DISTRICT.

15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.

16. Up to the limits set forth in NRS Chapter 41, the CITY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of CITY officers, employees or agents, related to or under this Contract which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.

17. This agreement shall be construed and interpreted in accordance with the laws of the State of Nevada.

18. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, this Interlocal Contract is hereby executed as of the date first set forth above.

Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

ATTEST: _____

BY: _____
DEBRA MARCH, Chair

DEANNA HUGHES, Secretary to the Board

Approved as to Form:

BY: _____
CHRISTOPHER FIGGINS
RFCDD Attorney

Date of Council Action:

CITY OF HENDERSON

Richard A. Derrick, City Manager/CEO

ATTEST:

Approved as to Form:

Lisa M. Corrado, AICP, Interim City Clerk

Nicholas G. Vaskov, City Attorney

Approved as to Funding:

Approved as to Content:

Jim McIntosh
Chief Financial Officer

Edward McGuire
Director of Public Works

**CITY OF HENDERSON
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET 2021-2022**

Master Plan Facility ID	MWP Facility Number	Facility Description	Cost
C1CH 0000-0452, C1CT 0000-0075, C1DC 0000-0303, C1E1 0000-0065, C1EQ 0000-0297, C1FK 0000-0073, C1GA 0000-0002, C1H1 0000-0003, C1H2 0000-0001, C1HV 0000-0300, C1IT 0273, C1LM 0000-0141, C1RT 0001-0044, LLMW 0000, LLMW 0129, LLMW 0203	HN65	C1 NORTH	465,600.00
C1BH 0000-0301, C1CH 0455-0674, C1CH 0711-1138, C1GW 0000-0081, C1U1 0000-0062, C1US 0000-0078	HN66	C1 SOUTH	280,600.00
PTBR 0067-0175, PTGA 0000, PTGB 0058-0249, PTPA 0071, 0285-0286, PTVW 0000-0187	HN67	PITTMAN CENTRAL NE	160,200.00
PTHR 0000-0210, PTIS 0000-0258, PTPD 0010-0063, PTRR 0000-0135, PTWH 0000-0116	HN68	PITTMAN CENTRAL SE	135,600.00
DCWA 0646-0670, PTDC 0026-0237, PTPE 0000-0166, PTRW 0000-0170, PTSW 0000-0129, PTWA 0000-0476, VVDC 0000-0109, 0147, 0158, 0166, 0170	HN69	PITTMAN CENTRAL NW	426,100.00
PTDW 0000-0088, PTFD 0000-0111, PTLM 0000-0078, PTMR 0000-0399, PTRE 0000-0267, PTST 0000-0170, PTVV 0000-0005	HN70	PITTMAN CENTRAL SW	99,100.00
PTAD 0000-0070, PTAN 0000-0280, PTAT 0000-0007, PTCR 0000-0036, PTDY 0000, PTEA 0493-0773, PTOG 0000-0016, PTPN 0000-0039, PTRD 0000-0055, PTSA 0000-0091, PTSE 0000-0346, PTSN 0000-0063, PTSS 0000-0012, PTWS 0000-0063	HN71	PITTMAN ANTHEM INSPIRADA	204,000.00
PTAP 0000-0191, PTEA 0000-0244, PTEA 0437-0439, PTGV 0000-0073, PTHD 0000-0020, PTPW 0000-0309, PTSH 0011-0084	HN72	PITTMAN SEVEN HILLS	1,098,600.00
DCLA 0035, DCN1 0000, PTBE 0000-0046, 0093-0177, PTGL 0000, PTN2 0000-0251, PTN3 0000, PTN5 0000, PTN6 0000, PTN7 0001, PTN8 0000-0039, PTN9 0000-0027, PTNO 0139-0195, PTSD 0231, PTSO 0042, 0069, 0104-0153, PTWA 0815-0983	HN73	PITTMAN WEST HENDERSON	52,100.00
		SUBTOTAL	\$2,921,900.00

EXHIBIT "A"

Albert J. Jankowiak
Project Manager

7/1/2021
Date

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET 2021-2022**

MWP Facility#: HN65 Entity: CITY OF HENDERSON

Facility Name: C1 NORTH Date Prepared: 7/1/2021

MP Facility ID: C1CH 0000-0452, C1CT 0000-0075, C1DC 0000-0303, C1E1 0000-0065, C1EQ 0000-0297, C1FK 0000-0073, C1GA 0000-0002, C1H1 0000-0003, C1H2 0000-0001, C1HV 0000-0300, C1IT 0273, C1LM 0000-0141, C1RT 0001-0044, LLMW 0000, LLMW 0129, LLMW 0203

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory	\$5,000.00		\$0.00	0%	
5	Inspect Channels	\$10,000.00		\$0.00	0%	
6	Inspect Levees/Detention and Debris Basins	\$10,000.00		\$0.00	0%	
8	Species Survey and Removal	\$10,000.00		\$0.00	0%	
10	Clean and Reshape Channels/Levees	\$30,000.00		\$0.00	0%	
15	Repair Lined Channel	\$20,000.00		\$0.00	0%	
20	Erosion Control and Repair	\$65,000.00		\$0.00	0%	
21	Provide/Maintain Dust Control	\$45,000.00		\$0.00	0%	
25	Clean Detention/Debris Basins	\$55,000.00		\$0.00	0%	
35	Fence Repair	\$21,500.00		\$0.00	0%	
40	Vegetation Control - Chemical	\$10,000.00		\$0.00	0%	
45	Vegetation Control - Mechanical	\$127,600.00		\$0.00	0%	
50	Maintain Access Road	\$15,000.00		\$0.00	0%	
55	Clean & Inspect Inlet/Outlet Structures	\$5,000.00		\$0.00	0%	
60	Repair Inlet/Outlet Structures	\$5,000.00		\$0.00	0%	
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities	\$10,000.00		\$0.00	0%	
85	Engineering	\$15,000.00		\$0.00	0%	
90	Homeless Encampment Cleanup	\$6,500.00		\$0.00	0%	
	TOTALS	\$465,600.00	\$0.00	\$0.00		Jun-2022

Delays or Problem Areas:

Work completed during prior fiscal year:

Act 15 and Act 85 - SNWA Channel (LLMW 0203); repair erosion to lined channel. Act 20 and Act 85 - Lake Mead C-1 Channel Confluence Repair (C1CH 0204 and C1CH 0173); rebuild channel and extend riprap. Other budgeted funding to be expended on this facility for regular maintenance activities.

Work to be completed during current fiscal year:

Act 3 - Start the Asset Management Program for Regional Flood Control Facilities. Other budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
Contractor: _____
Project
Manager: Albert J. Jankowiak (702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET 2021-2022**

MWP Facility#: HN66

Entity: CITY OF HENDERSON

Facility Name: C1 SOUTH
C1BH 0000-0301, C1CH 0455-0674, C1CH 0711-1138, C1GW 0000-0081, C1U1 0000-0082, C1US
 MP Facility ID: 0000-0078

Date Prepared: 7/1/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory	\$5,000.00		\$0.00	0%	
5	Inspect Channels	\$10,000.00		\$0.00	0%	
6	Inspect Levees/Detention and Debris Basins	\$10,000.00		\$0.00	0%	
8	Species Survey and Removal	\$5,000.00		\$0.00	0%	
10	Clean and Reshape Channels/Levees	\$40,000.00		\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$20,000.00		\$0.00	0%	
25	Clean Detention/Debris Basins	\$20,000.00		\$0.00	0%	
35	Fence Repair	\$26,500.00		\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$77,600.00		\$0.00	0%	
50	Maintain Access Road	\$30,000.00		\$0.00	0%	
55	Clean & Inspect Inlet/Outlet Structures	\$5,000.00		\$0.00	0%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities	\$10,000.00		\$0.00	0%	
85	Engineering	\$15,000.00		\$0.00	0%	
90	Homeless Encampment Cleanup	\$6,500.00		\$0.00	0%	
	TOTALS	\$280,600.00	\$0.00	\$0.00		Jun-2022

Delays or Problem Areas:

Work completed during prior fiscal year:

Act 8, Act 25 and Act 85 - Black Mountain Detention Basin (C1CH 1095) Sediment and Debris Removal. Other budgeted funding to be expended on this facility for regular maintenance activities.

Work to be completed during current fiscal year:

Act 3 - Start the Asset Management Program for Regional Flood Control Facilities. Other budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
 Contractor:
 Project
 Manager: Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET 2021-2022**

MWP Facility#: HN67
 Facility Name: PITTMAN CENTRAL NE
 MP Facility ID: PTBR 0067-0175, PTGA 0000, PTGB 0058-0249, PTPA 0071, 0285-0286, PTWV 0000-0187

Entity: CITY OF HENDERSON
 Date Prepared: 7/1/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00		\$0.00	0%	
	5 Inspect Channels	\$2,500.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$5,000.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$5,000.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$5,000.00		\$0.00	0%	
	21 Provide/Maintain Dust Control	\$5,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins	\$25,000.00		\$0.00	0%	
	35 Fence Repair	\$26,500.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$57,600.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$10,000.00		\$0.00	0%	
	85 Engineering	\$13,600.00		\$0.00	0%	
	90 Homeless Encampment Cleanup					
	TOTALS	\$160,200.00	\$0.00	\$0.00		Jun-2022
Delays or Problem Areas:						
Work completed during prior fiscal year:						
Expenditures on this facility were for regular maintenance activities.						
Work to be completed during current fiscal year:						
Act 3 - Start the Asset Management Program for Regional Flood Control Facilities. Budgeted funding to be expended on this facility for regular maintenance activities.						

Consultant/
 Contractor:
 Project
 Manager: Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET 2021-2022**

MWP Facility#: HN68
Facility Name: PITTMAN CENTRAL SE

Entity: CITY OF HENDERSON
Date Prepared: 7/1/2021

MP Facility ID: PTHR 0000-0210, PTIS 0000-0258, PTPD 0010-0063, PTRR 0000-0135, PTWH 0000-0116

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00		\$0.00	0%	
	5 Inspect Channels	\$5,000.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$5,000.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$10,000.00		\$0.00	0%	
	15 Repair Lined Channel	\$5,000.00		\$0.00	0%	
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$16,500.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$57,600.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$5,000.00		\$0.00	0%	
	80 Miscellaneous Work Activities	\$10,000.00		\$0.00	0%	
	85 Engineering	\$10,000.00		\$0.00	0%	
	90 Homeless Encampment Cleanup	\$6,500.00		\$0.00	0%	
	TOTALS	\$135,600.00	\$0.00	\$0.00		Jun-2022
Delays or Problem Areas:						
Work completed during prior fiscal year:						
Expenditures on this facility were for regular maintenance activities.						
Work to be completed during current fiscal year:						
Act 3 - Start the Asset Management Program for Regional Flood Control Facilities. Budgeted funding to be expended on this facility for regular maintenance activities.						

Consultant/
Contractor:
Project
Manager:

Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET 2021-2022**

MWP Facility#: HN69
 Facility Name: PITTMAN CENTRAL NW
 DCWA 0646-0670, PTDC 0028-0237, PTPE 0000-0166, PTRW 0000-0170, PTSW 0000-0129,
 MP Facility ID: PTWA 0000-0476, WWDC 0000-0109, 0147, 0158, 0166, 0170

Entity: CITY OF HENDERSON
 Date Prepared: 7/1/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00		\$0.00	0%	
	5 Inspect Channels	\$6,500.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$2,000.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$80,000.00		\$0.00	0%	
	15 Repair Lined Channel	\$20,000.00		\$0.00	0%	
	20 Erosion Control and Repair	\$30,000.00		\$0.00	0%	
	21 Provide/Maintain Dust Control	\$6,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins	\$5,000.00		\$0.00	0%	
	35 Fence Repair	\$41,500.00		\$0.00	0%	
	40 Vegetation Control - Chemical	\$5,000.00		\$0.00	0%	
	45 Vegetation Control - Mechanical	\$197,600.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$10,000.00		\$0.00	0%	
	80 Miscellaneous Work Activities	\$10,000.00		\$0.00	0%	
	85 Engineering	\$1,000.00		\$0.00	0%	
	90 Homeless Encampment Cleanup	\$6,500.00		\$0.00	0%	
	TOTALS	\$426,100.00	\$0.00	\$0.00		Jun-2022

Delays or Problem Area:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 3 - Start the Asset Management Program for Regional Flood Control Facilities. Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
 Contractor:
 Project
 Manager: Albert J. Jankowiak (702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET 2021-2022**

MWP Facility#: HN70
 Facility Name: PITTMAN CENTRAL SW
 MP Facility ID: PTDW 0000-0088, PTFD 0000-0111, PTLM 0000-0078, PTMR 0000-0399, PTRE 0000-0267, PTST 0000-0170, PTVV 0000-0005

Entity: CITY OF HENDERSON
 Date Prepared: 7/1/2021

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00		\$0.00	0%	
	5 Inspect Channels	\$3,000.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$5,000.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$1,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$16,500.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$57,600.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$10,000.00		\$0.00	0%	
	85 Engineering	\$1,000.00		\$0.00	0%	
	90 Homeless Encampment Cleanup					
	TOTALS	\$99,100.00	\$0.00	\$0.00		Jun-2022
Delays or Problem Areas:						
Work completed during prior fiscal year:						
Expenditures on this facility were for regular maintenance activities.						
Work to be completed during current fiscal year:						
Act 3 - Start the Asset Management Program for Regional Flood Control Facilities. Budgeted funding to be expended on this facility for regular maintenance activities.						

Consultant/
 Contractor: _____
 Project
 Manager: Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET 2021-2022**

MWP Facility#: HN71
Facility Name: PITTMAN ANTHEM INSPIRADA

Entity: CITY OF HENDERSON
Date Prepared: 7/1/2021

MP Facility ID: PTAD 0000-0070, PTAN 0000-0280, PTAT 0000-0007, PTCR 0000-0036, PTDY 0000, PTEA 0493-0773, PTOG 0000-0018, PTPN 0000-0039, PTRD 0000-0055, PTSA 0000-0091, PTSE 0000-0346, PTSN 0000-0063, PTSS 0000-0012, PTWS 0000-0063

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and inventory	\$5,000.00		\$0.00	0%	
	5 Inspect Channels	\$5,000.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$5,000.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$10,000.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$5,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins	\$20,000.00		\$0.00	0%	
	35 Fence Repair	\$16,500.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$57,600.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures	\$10,000.00		\$0.00	0%	
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$5,000.00		\$0.00	0%	
	85 Engineering	\$64,900.00		\$0.00	0%	
	90 Homeless Encampment Cleanup					
	TOTALS	\$204,000.00	\$0.00	\$0.00		Jun-2022

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 3 - Start the Asset Management Program for Regional Flood Control Facilities. Act 85: Pittman Anthem (DESN (PTAN 0280 Detention Basin; Prepare construction documents for the maintenance of basin). Remaining budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/ Contractor: _____
Project Manager: Albert J. Jankowiak (702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET 2021-2022**

MWP Facility#: HN72
 Facility Name: PITTMAN SEVEN HILLS
 PTAP 0000-0191, PTEA 0000-0244, PTEA 0437-0439, PTGV 0000-0073, PTHD 0000-0020, PTPW 0000-0309, PTSH 0011-0084
 MP Facility ID: 0000-0309, PTSH 0011-0084

Entity: CITY OF HENDERSON
 Date Prepared: 7/1/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory	\$5,000.00		\$0.00	0%	
5	Inspect Channels	\$2,500.00		\$0.00	0%	
6	Inspect Levees/Detention and Debris Basins	\$6,000.00		\$0.00	0%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$10,000.00		\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$2,000.00		\$0.00	0%	
25	Clean Detention/Debris Basins	\$600,000.00		\$0.00	0%	
35	Fence Repair	\$11,500.00		\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$57,600.00		\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$5,000.00		\$0.00	0%	
60	Repair Inlet/Outlet Structures	\$300,500.00		\$0.00	0%	
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities	\$5,000.00		\$0.00	0%	
85	Engineering	\$87,000.00		\$0.00	0%	
90	Homeless Encampment Cleanup	\$6,500.00		\$0.00	0%	
TOTALS		\$1,098,600.00	\$0.00	\$0.00		Jun-2022

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 3 - Start the Asset Management Program for Regional Flood Control Facilities. Act 25, Act 60 & Act 85: Pittman East Detention Basin (CONST) (PTEA 0438 Outlet pipe; construction of stormwater quality retrofit. PTEA 0439 Detention Basin Removal of sediment deposition, repair erosion, and grade bottom). Remaining budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
 Contractor:
 Project
 Manager: Albert J. Jankowski (702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET 2021-2022**

MWP Facility#: HN73
 Facility Name: PITTMAN WEST HENDERSON
 DCLA 0035, DCN1 0000, PTBE 0000-0046, 0093-0177, PTGL 0000, PTN2 0000-0251, PTN3 0000, PTN5 0000, PTN6 0000, PTN7 0001, PTN8 0000-0039, PTN9 0000-0027, PTNO 0139-0195, PTSD 0231, PTSO 0042, 0089, 0104-0153,
 MP Facility ID: PTWA 0815-0983

Entity: CITY OF HENDERSON
 Date Prepared: 7/1/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory	\$5,000.00		\$0.00	0%	
5	Inspect Channels	\$500.00		\$0.00	0%	
6	Inspect Levees/Detention and Debris Basins	\$500.00		\$0.00	0%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees					
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$1,000.00		\$0.00	0%	
25	Clean Detention/Debris Basins	\$5,000.00		\$0.00	0%	
35	Fence Repair	\$11,500.00		\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$27,600.00				
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering	\$1,000.00		\$0.00	0%	
90	Homeless Encampment Cleanup					
TOTALS		\$52,100.00	\$0.00	\$0.00		Jun-2022

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 3 - Start the Asset Management Program for Regional Flood Control Facilities. Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
 Contractor:
 Project
 Manager: Albert J. Jankowiak (702) 267-3024

Public Works
Department



At Plans To Cost 40%

Clark County
Regional Flood
Control District
Maintenance Work Program
2021 / 2022

City of Henderson



Legend

Regional Facilities

- C-1 CHANNEL
- Henderson Street Center Lines
- Detention Basins

HN NUMBERS

- HN65
- HN66
- HN67
- HN68
- HN69
- HN70
- HN71
- HN72
- HN73
- City Limits

Note: PTGB0047 - PTGB0054 are maintained by Desert Canyon HOA

This map is offered as a general reference guide only. Neither warranty of accuracy is intended nor should any be assumed.

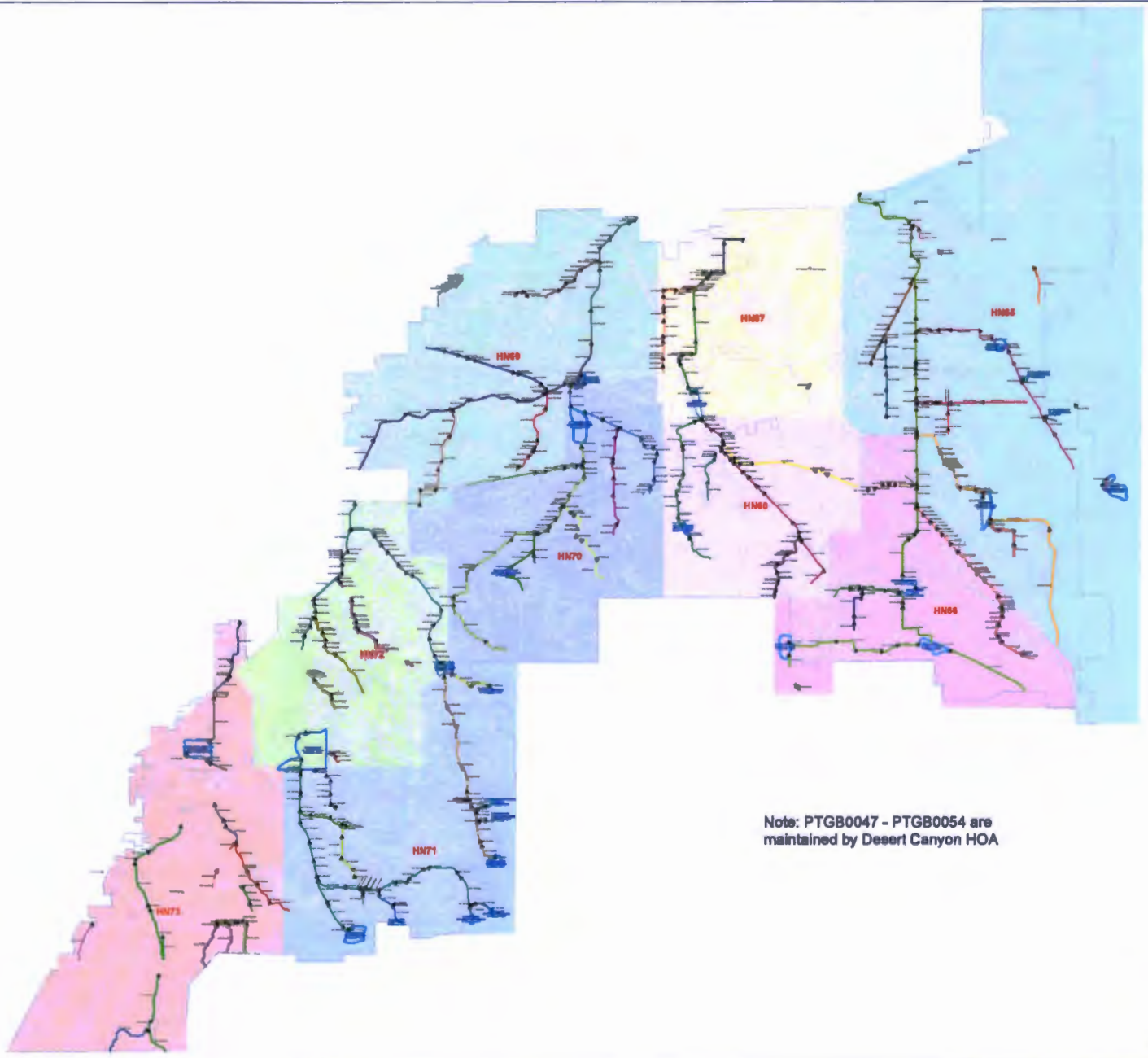
AUTHOR:

DATE:

GIS-PWPR

4/7/2021

Not to Scale



CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT: 2021-2022 ANNUAL MAINTENANCE WORK PROGRAM BUDGET
PETITIONER: MIKE JANSSEN, DIRECTOR CITY OF LAS VEGAS – DEPARTMENT OF PUBLIC WORKS
RECOMMENDATION OF PETITIONER: IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS INTERLOCAL CONTRACT FOR THE MAINTENANCE OF REGIONAL FLOOD CONTROL FACILITIES FOR THE FY 2021-2022 (FOR POSSIBLE ACTION).

FISCAL IMPACT: \$3,200,000.00

BACKGROUND:

The FY 2021-2022 Maintenance Work Program has been developed to maintain Regional Flood Control Facilities within the City of Las Vegas. The locations of the facilities to be maintained are shown on Exhibit "A" of the proposed Interlocal Agreement, and the work to be performed is described in the work program which is attached.

Respectfully submitted,



Mike Janssen, Executive Director of Infrastructure
Department of Public Works

TAC AGENDA ITEM #09 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM # 09 Date: 05/27/2021	

**INTERLOCAL CONTRACT
ANNUAL MAINTENANCE WORK PROGRAM**

THIS CONTRACT, made and entered into this ____ day of _____, 2021, by and between the CITY OF LAS VEGAS, a political subdivision of the State of Nevada, hereinafter referred to as "CITY", and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

W I T N E S S E T H:

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve and fund projects to maintain flood control improvements; and

WHEREAS, pursuant to NRS 277.180 any one or more public agencies may contract with one or more other public agencies to perform any governmental service, activity or undertaking which any of the public agencies is authorized by law to perform; and

WHEREAS, the CITY desires to maintain flood control improvements within the CITY in accordance with the maintenance program set forth herein, and hereinafter referred to as "Project"; and

WHEREAS, the facilities upon which maintenance will be done are facilities described in the DISTRICT'S Master Plan.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT authorizes the Project as it is mutually understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance to the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

SECTION II - PROJECT COSTS

The DISTRICT agrees to make payment for Project costs within the limits specified below:

1. The Project costs shall not exceed \$3,200,000.00.

The amounts allocated to each individual facility within the Project must be specified in Exhibit "A". Any changes to said allocated amounts must be approved by the DISTRICT'S Chief Engineer in accordance with Section 4.24 of the DISTRICT *Operations and Maintenance Manual*.

A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved to increase the amount noted above prior to payment of any additional funds.

2. The CITY and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the CITY shall submit invoices together with a detailed summary report of the maintenance service performed. The CITY shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the CITY stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District

Accounts Payable

600 S. Grand Central Parkway, Suite 300

Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days of receipt of invoice. Pursuant to Section IV, Paragraph 8, the DISTRICT may, in its sole discretion, withhold payments to the CITY for services rendered if the CITY fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.

SECTION III - PROJECT TIME

The CITY agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2021 and June 30, 2022. The DISTRICT may grant extensions or terminate this contract and require all sums advanced to the CITY to be repaid if the CITY fails to perform by said date.

SECTION IV - GENERAL

1. The CITY will complete the Project as set forth in Exhibit "A". The CITY staff personnel responsible for coordination of work under this contract are as listed below:

Mike Janssen, Director of Public Works

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The CITY will comply with Local Purchasing Act, Chapter 332 and Public Works Projects, Chapter 338, of the Nevada Revised Statutes.

3. Applicable portions of the current editions of the *Operations and Maintenance Manual*, *Policies and Procedures Manual*, *Hydrologic Criteria and Drainage Design Manual*, and *Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.

4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the CITY will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.

5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the CITY, approval for payment of billings and expenses submitted by the CITY and the acceptance of any report provided by the CITY. The CITY shall be responsible for monitoring performance of CITY staff or private contractors.

6. Accurate documentation of all work performed and payments made will be maintained by the CITY for a period of three (3) years in hard copy form after final project

approval and payments. Following the three year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format.

7. The CITY shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the CITY fails to perform the maintenance according to the standards specified in this contract and in the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the CITY or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the CITY specific written notice of the maintenance required and allowing the CITY 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Mike Janssen
Director of Public Works
City of Las Vegas
333 North Rancho Drive
Las Vegas, Nevada 89106

9. The records of the CITY and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.

10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.

11. The CITY, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.

12. The CITY hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.

13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of CITY employees, consultants, contractors, or agents.

14. Any costs found to be improperly allocated to the Project will be refunded by the CITY to the DISTRICT.

15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.

16. Up to the limits set forth in NRS Chapter 41, the CITY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of CITY officers, employees or agents, related to or under this Contract which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.

17. This agreement shall be construed and interpreted in accordance with the laws of the State of Nevada.

18. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

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IN WITNESS WHEREOF, the Parties have caused this Interlocal Contract to be executed by their duly authorized representatives the day and year first above written.

Date of Council Action

Date of District Action

City of Las Vegas

Regional Flood Control District

By: _____
Carolyn G. Goodman, Mayor

By: _____
Debra March
Chair

Attest

Attest

By: _____
LuAnn Holmes
City Clerk

By: _____
Deanna Hughes
Secretary to the Board

Approved as to Form

Approved as to Form

By: _____
Deputy City Attorney Date

By: _____
Christopher Figgins Date
RFCD Attorney

CITY OF LAS VEGAS
 MAINTENANCE WORK PLAN SUMMARY
 FISCAL YEAR 2021 -2022

Master Plan Facility ID	MWP Facility Number	Facility Description	Cost
CACH, CABZ, CACN, LVBZ, FLBN	LV51	Cedar Avenue Channel/Nellis System	\$100,000.00
GONO, GOSO, GOOF, GOCR, GOLM, GOBU, GOBW, APDG, APOF, APP1, GOTE, GO02, APNO, APSP, APBE, APSO, APMD, GOBE, GOL2, GOL3, GOL4, GOL5, APFH, APAD, APCB, APD3, GOWC, GODU, GOLB, GOLO, GOBX, APD2, GOB3, APM5	LV52	Gowan/Angel Park/Lone Mountain System	\$800,000.00
LVLM, LVSR, LV15, LVOW, LVRA, LVPK	LV53	Lake Mead/Smoke Ranch/Washington System	\$100,000.00
LVMD	LV54	Las Vegas Wash System	\$700,000.00
LCME, MECH, MEAL, MEPA, MEOK	LV55	Meadows/Oakey System	\$115,000.00
LCLT, WAPR, FWUP, LVWH, FW15, FWOK, FWWL, FWCH, FWSH, LCLO, WAGC, CHRA, LCCH, FWRR, FWR2	LV56	Washington Avenue/Las Vegas Creek System	\$385,000.00
RCHO, ANWE, RCHB, RCBC, EKDB, GOAN, CNGT, CNKC, EKHU, BCHU, TSDB, MSNV, LVMJ, LVDE, LVMD, CN95, EKBU, RACO, BRDB, ANRB, CNWE, MOHU, MOIR, MOLC	LV57	US 95/Outer Beltway/Ann Road System	\$1,000,000.00
		TOTAL	\$3,200,000.00

Exhibit A

Oh Sang Kwon
 Engineering Project Manager

4/1/2021
 Date

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET - FY 2021-2022**

MWP Facility #: LV51
 Facility Name: Cedar Avenue Channel/Nellis System
 MP Facility ID: CACH 0000 - 0148,
CABZ 0000 - 0010, CACN 0000 - 0049,
LVBZ 0166 - 0223, FLBN 0038-0167

Entity: City of Las Vegas
 Date Prepared: 4/1/2021

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$5,000.00				Jun-22
FA 05	Inspect Channels	\$1,000.00				Jun-22
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal	\$5,000.00				Jun-22
FA 10	Clean and Reshape Channels/Levees	\$15,000.00				Jun-22
FA 13	Repair Lined Channel	\$5,000.00				Jun-22
	20 Erosion Control and Repair	\$10,000.00				Jun-22
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
	35 Fence Repair	\$10,000.00				Jun-22
	40 Vegetation Control - Chemical	\$5,000.00				Jun-22
	45 Vegetation Control - Mechanical	\$10,000.00				Jun-22
	50 Maintain Access Road					
FA 55	Clean & Inspect Inlet/Outlet Structures	\$10,000.00				Jun-22
	60 Repair Inlet/Outlet Structures	\$5,000.00				
FA 65	Clean Storm Sewer Lines	\$2,000.00				Jun-22
FA 70	Storm Sewer Repair	\$1,000.00				Jun-22
FA 75	Clean/Flush Culverts & Bridges	\$2,000.00				Jun-22
FA 80	Miscellaneous Work Activities	\$8,000.00				Jun-22
FA 85	Engineering	\$1,000.00				Jun-22
FA 90	Homeless Encampment Cleanup	\$5,000.00				Jun-22
TOTALS		\$100,000.00	\$0.00	\$0.00	0.0%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Cleaned Cedar Avenue channel twice a year (CACH 0000-0148) and graffiti removal. Routine maintenance work activities.

Work to be completed during current Fiscal Year:

Inspect and clean storm drain facilities. Clean open channel twice a year (CACH 0000-0148) and graffiti removal. Routine maintenance work activities.

Consultant/Contractor: N/A
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET - FY 2021-2022**

MWP Facility #: LV52
 Facility Name: Gowan/Angel Pk/Lone Mtn System
 MP Facility ID: GONO 0000 - 0110, GOSO 0000 - 0462, GODU 0000 - 0050, GOL5 0000-0032
GOOF 0427 - 0775, GOCR 0180 - 0201, GOLB 0000 - 0030, GOL3 0000-0214
GOLM 0000 - 0277, GOBU 0000 - 0136, GOBW 0051-0310, GOBX 0000-0009
APDG 0000 - 0060, APOF 0000 - 0124, APP1 0000 - 0056, GOTE 0000, GOB3 0000
GO02 0000 - 0257, APNO 0015, APNO 0012, GOLO 0152-0332, APNO 0001-0004
APSP 0000 - 0183, APBE 0000 - 0122, APSO 0000, APSO 0020, GOBE 0000-0139
APSO 0204, APSO 0254, APSO 0255, APSO 0345, APMD 0027, APD2 0000 - 0002
APMD 0132, APMD 0190 - 0258, GOL2 0000 - 0014, APD3 0000 - 0021, GOWC 0000, APCB 0000-0080
GOL4 0000 - 0026, APFH 0000 - 0089, APM5 0000-0047, APM5 0047, APAD 0000 - 0225

Entity: City of Las Vegas
 Date Prepared: 4/1/2021

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$5,000.00				Jun-22
FA 65	Inspect Channels	\$6,000.00				Jun-22
FA 06	Inspect Levees/Detention and Debris Basins	\$5,000.00				Jun-22
FA 08	Species Survey and Removal	\$5,000.00				Jun-22
	10 Clean and Reshape Channels/Levees	\$12,000.00				Jun-22
FA 15	Repair Lined Channel	\$485,000.00				Jun-22
FA 20	Erosion Control and Repair	\$20,000.00				Jun-22
FA 21	Provide/Maintain Dust Control	\$5,000.00				Jun-22
FA 25	Clean Detention Debris Basins	\$40,000.00				Jun-22
FA 35	Fence Repair	\$30,000.00				Jun-22
	40 Vegetation Control - Chemical	\$2,000.00				Jun-22
FA 45	Vegetation Control - Mechanical	\$10,000.00				Jun-22
	50 Maintain Access Road	\$5,000.00				Jun-22
FA 55	Clean & Inspect Inlet/Outlet Structures	\$20,000.00				Jun-22
FA 60	Repair Inlet/Outlet Structures	\$20,000.00				Jun-22
	65 Clean Storm Sewer Lines	\$10,000.00				Jun-22
FA 70	Storm Sewer Repair	\$20,000.00				Jun-22
FA 75	Clean/Flush Culverts & Bridges	\$50,000.00				Jun-22
FA 80	Miscellaneous Work Activities	\$10,000.00				Jun-22
FA 85	Engineering	\$30,000.00				Jun-22
FA 90	Homeless Encampment Cleanup	\$10,000.00				Jun-22
TOTALS		\$800,000.00	\$0.00	\$0.00	0.0%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Repaired section of damaged concrete channel (GOBE0001). Re-grouted and replaced joint seals along Cheyenne Channel. Graffiti and trash removed. Vegetation control and sediment removal throughout the detention basins. Routine maintenance work activities.

Work to be completed during current Fiscal Year:

Repair Heavy Erosion on Beltway Channel Embankment and fence repair. Modify trash rack in Lone Mountain Detention Basin for Easy Cleaning. Graffiti and trash removal. Vegetation control and sediment removal throughout the detention basins. Routine maintenance work activities.

Consultant/Contractor: N/A
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET - FY 2021-2022**

MWP Facility #: LV53
 Facility Name: Lake Mead/Smoke Ranch/Washington System
 MP Facility ID: LVLM 0336 - 0525, LVSR 0312 - 0525,
LV15 0284 - 0474, LVOW 0000 - 0355,
LVRA 0000 - 0066, LVPK 0000 - 0130

Entity: City of Las Vegas
 Date Prepared: 4/1/2021

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$5,000.00				Jun-22
FA 05	Inspect Channels	\$10,000.00				Jun-22
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
FA 10	Clean and Reshape Channels/Levees	\$2,500.00				Jun-22
FA 15	Repair Lined Channel	\$3,500.00				Jun-22
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
FA 35	Fence Repair	\$2,000.00				Jun-22
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
FA 55	Clean & Inspect Inlet/Outlet Structures	\$16,000.00				Jun-22
FA 60	Repair Inlet/Outlet Structures	\$5,000.00				Jun-22
FA 65	Clean Storm Sewer Lines	\$2,500.00				Jun-22
FA 70	Storm Sewer Repair	\$28,000.00				Jun-22
	75 Clean/Flush Culverts & Bridges	\$15,000.00				Jun-22
FA 80	Miscellaneous Work Activities	\$2,500.00				Jun-22
FA 85	Engineering	\$3,000.00				Jun-22
FA 90	Homeless Encampment Cleanup	\$5,000.00				Jun-22
TOTALS		\$100,000.00	\$0.00	\$0.00	0.0%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:
 Removed debris and cleaned drop inlets. Routine maintenance work activities.

Work to be completed during current Fiscal Year:
 Remove debris, clean drop inlets, and repair any damages. Inspect and clean Peak Drive Channel. Routine maintenance work activities.

Consultant/Contractor: N/A
 Project Manager: Oh Sang kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET - FY 2021-2022**

MWP Facility #: LV54

Entity: City of Las Vegas

Facility Name: Las Vegas Wash System

Date Prepared: 4/1/2021

MP Facility ID: LVMD 1069 - 1354

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$10,000.00				Jun-22
FA 05	Inspect Channels	\$20,000.00				Jun-22
	06 Inspect Levees/Detention and Debris Basins					
FA 08	Species Survey and Removal	\$15,000.00				Jun-22
FA 10	Clean and Reshape Channels/Levees	\$85,000.00				Jun-22
FA 15	Repair Lined Channel	\$300,000.00				Jun-22
	20 Erosion Control and Repair	\$5,000.00				Jun-22
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
FA 35	Fence Repair	\$20,000.00				Jun-22
	40 Vegetation Control - Chemical					
FA 45	Vegetation Control - Mechanical	\$173,000.00				Jun-22
	50 Maintain Access Road	\$2,000.00				Jun-22
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
FA 70	Storm Sewer Repair	\$5,000.00				Jun-22
FA 75	Clean/Flush Culverts & Bridges	\$5,000.00				Jun-22
FA 80	Miscellaneous Work Activities	\$10,000.00				Jun-22
FA 85	Engineering	\$30,000.00				Jun-22
FA 90	Homeless Encampment Cleanup	\$20,000.00				Jun-22
TOTALS		\$700,000.00	\$0.00	\$0.00	0.0%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Modified Bonanza system Outlet to address standing water. Repaired damaged gabion met at Sandhill Drive and clean outlet. Cleaned Homeless encampment along the wash. Provide bi-annual vegetation control. Removed sediment deposit along the wash. Routine maintenance work activities.

Work to be completed during current Fiscal Year:

Reset Riprap along the wash from Bonanza to Washington. Repair damaged gabion met and provide erosion control along the wash. Homeless encampment cleanup. Provide bi-annual vegetation control. Repair fencing. Continue with the sediment removal. Routine maintenance work activities.

Consultant/Contractor: N/A

Project _____

Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET - FY 2021-2022**

MWP Facility #: LV55
 Facility Name: Meadows/Oakey System
 MP Facility ID: LCME 0000 - 0085, MECH 0108 - 0420,
MEAL 0000 - 0258, MEPA 0000 - 0025, MEOK 0000 - 0217

Entity: City of Las Vegas
 Date Prepared: 4/1/2021

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$10,000.00				Jun-22
05	Inspect Channels	\$1,000.00				Jun-22
06	Inspect Levees/Detention and Debris Basins	\$1,000.00				Jun-22
08	Species Survey and Removal	\$2,000.00				Jun-22
FA 10	Clean and Reshape Channels/Levees	\$7,000.00				Jun-22
FA 13	Repair Lined Channel	\$6,000.00				Jun-22
20	Erosion Control and Repair	\$5,000.00				Jun-22
21	Provide/Maintain Dust Control					
FA 25	Clean Detention Debris Basins	\$7,000.00				Jun-22
35	Fence Repair	\$2,000.00				Jun-22
40	Vegetation Control - Chemical	\$2,000.00				Jun-22
45	Vegetation Control - Mechanical	\$5,000.00				Jun-22
FA 50	Maintain Access Road	\$35,000.00				Jun-22
FA 55	Clean & Inspect Inlet/Outlet Structures	\$5,000.00				Jun-22
FA 60	Repair Inlet/Outlet Structures	\$5,000.00				Jun-22
65	Clean Storm Sewer Lines	\$2,000.00				Jun-22
FA 70	Storm Sewer Repair	\$7,000.00				Jun-22
FA 75	Clean/Flush Culverts & Bridges	\$1,000.00				Jun-22
FA 80	Miscellaneous Work Activities	\$2,000.00				Jun-22
FA 85	Engineering	\$5,000.00				Jun-22
FA 90	Homeless Encampment Cleanup	\$5,000.00				Jun-22
	TOTALS	\$115,000.00	\$0.00	\$0.00	0.0%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Removed sediment and Vegetation control from Oakey DB and Meadows DB. Removed trash and vegetation from Alta channel. Routine maintenance work activities.

Work to be completed during current Fiscal Year:

Continue to repair and clean storm drain facilities. Provide an access ramp to Alta Channel (MEAL0013). Remove sediment and vegetation from the detention basins. Repair embankment erosions in the detention basins. Routine maintenance work activities.

Consultant/Contractor: N/A
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET - FY 2021-2022**

MWP Facility #: LV56
 Facility Name: Washington Ave/Las Vegas Creek System
 MP Facility ID: LCLT 0000 - 0034, WAPR 0000 - 0132, FWRR 0000-0010
FWUP 0000 - 0100, LVWH 0086 - 0484, FWR2 0000-0020
FW15 0000 - 0301, FWOK 0000 - 0100, FWL 0000,
FWCH 0000 - 0060, FWSH 0000, LCCH 0513 - 0543,
LCLO 0000 - 0054, WAGC 0000 - 0060, CHRA 0000 - 0014

Entity: City of Las Vegas
 Date Prepared: 4/1/2021

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$10,000.00				Jun-22
FA 05	Inspect Channels	\$10,000.00				Jun-22
06	Inspect Levees/Detention and Debris Basins	\$2,000.00				Jun-22
08	Species Survey and Removal					
FA 10	Clean and Reshape Channels/Levees	\$57,500.00				Jun-22
FA 15	Repair Lined Channel	\$50,000.00				Jun-22
20	Erosion Control and Repair	\$5,000.00				Jun-22
21	Provide/Maintain Dust Control					
25	Clean Detention Debris Basins	\$10,000.00				Jun-22
35	Fence Repair	\$5,000.00				Jun-22
40	Vegetation Control - Chemical	\$2,000.00				Jun-22
45	Vegetation Control - Mechanical	\$2,000.00				Jun-22
50	Maintain Access Road	\$1,000.00				Jun-22
FA 55	Clean & Inspect Inlet/Outlet Structures	\$40,000.00				Jun-22
FA 60	Repair Inlet/Outlet Structures	\$60,000.00				Jun-22
FA 65	Clean Storm Sewer Lines	\$10,000.00				Jun-22
FA 70	Storm Sewer Repair	\$7,500.00				Jun-22
FA 75	Clean/Flush Culverts & Bridges	\$25,000.00				Jun-22
FA 80	Miscellaneous Work Activities	\$5,000.00				Jun-22
FA 85	Engineering	\$8,000.00				Jun-22
FA 90	Homeless Encampment Cleanup	\$75,000.00				Jun-22
	TOTALS	\$385,000.00	\$0.00	\$0.00	0.0%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Removed and cleared vegetation and homeless encampment from the Rainbow Detention Basins. Removed sediments and cleared vegetation from the Freeway Channel openings along I-15 and Veterans Memorial Drive. Removed homeless encampment and repaired fencing along Freeway channel. Installed trash racks on LCCH0518, FW150214 and FWR20000 to deter homeless encampment. Routine maintenance work activities.

Work to be completed during current Fiscal Year:

Remove sediments and clear vegetation from the Freeway Channel openings along I-15 and Veterans Memorial Drive. Clean Las Vegas Creek Channel. Homeless encampment cleanup. Repair damage fence. Remove and clear vegetation, sediment and homeless encampment from Rainbow Detention Basin. Routine maintenance work activities.

Consultant/Contractor: N/A
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET - FY 2021-2022**

MWP Facility #: LV57
 Facility Name: US95/OuterBeltway/Ann Road System
 MP Facility ID: RCHO 0000 - 0071, ANWE 0127 - 0385, CNWE 0020-0314
RCHB 0171 - 0295, RCHB 0000-0151, RCBC 0000-0140
EKDB 0000 - 0070, GOAN 0044 - 0061, GOAN 0065-0127
CNGT 0000 - 0247, CNKC 0000 - 0050, LVMD 2324 - 2789
EKHU 0003 - 0023, BCHU 0000 - 0054, ANRB 0000-0050
MSNV 0000, LVMJ 0000-0100, LVDE 0000-0027, MOHU 0167-0180
CN95 0000 - 0333, EKBU 0000, LVMD 3313-3316, MOIR 0085-0099
RACO 0000-0064, BRDB 0000-0058, TSDB 0000-0012, MOLC 0149

Entity: City of Las Vegas
 Date Prepared: 4/1/2021

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
FA	03 Facility Assessment and Inventory	\$10,000.00				Jun-22
	05 Inspect Channels	\$5,000.00				Jun-22
	06 Inspect Levees/Detention and Debris Basins	\$5,000.00				Jun-22
	08 Species Survey and Removal	\$2,000.00				Jun-22
	10 Clean and Reshape Channels/Levees	\$5,000.00				Jun-22
FA	15 Repair Lined Channel	\$50,000.00				Jun-22
FA	20 Erosion Control and Repair	\$105,000.00				Jun-22
FA	21 Provide/Maintain Dust Control	\$50,000.00				Jun-22
FA	25 Clean Detention Debris Basins	\$470,000.00				Jun-22
FA	35 Fence Repair	\$20,000.00				Jun-22
	40 Vegetation Control - Chemical	\$5,000.00				Jun-22
	45 Vegetation Control - Mechanical	\$5,000.00				Jun-22
FA	50 Maintain Access Road	\$50,000.00				Jun-22
FA	55 Clean & Inspect Inlet/Outlet Structures	\$40,000.00				Jun-22
FA	60 Repair Inlet/Outlet Structures	\$100,000.00				Jun-22
FA	65 Clean Storm Sewer Lines	\$20,000.00				Jun-22
FA	70 Storm Sewer Repair	\$20,000.00				Jun-22
FA	75 Clean/Flush Culverts & Bridges	\$10,000.00				Jun-22
FA	80 Miscellaneous Work Activities	\$10,000.00				Jun-22
FA	85 Engineering	\$8,000.00				Jun-22
FA	90 Homeless Encampment Cleanup	\$10,000.00				Jun-22
	TOTALS	\$1,000,000.00	\$0.00	\$0.00	0.0%	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

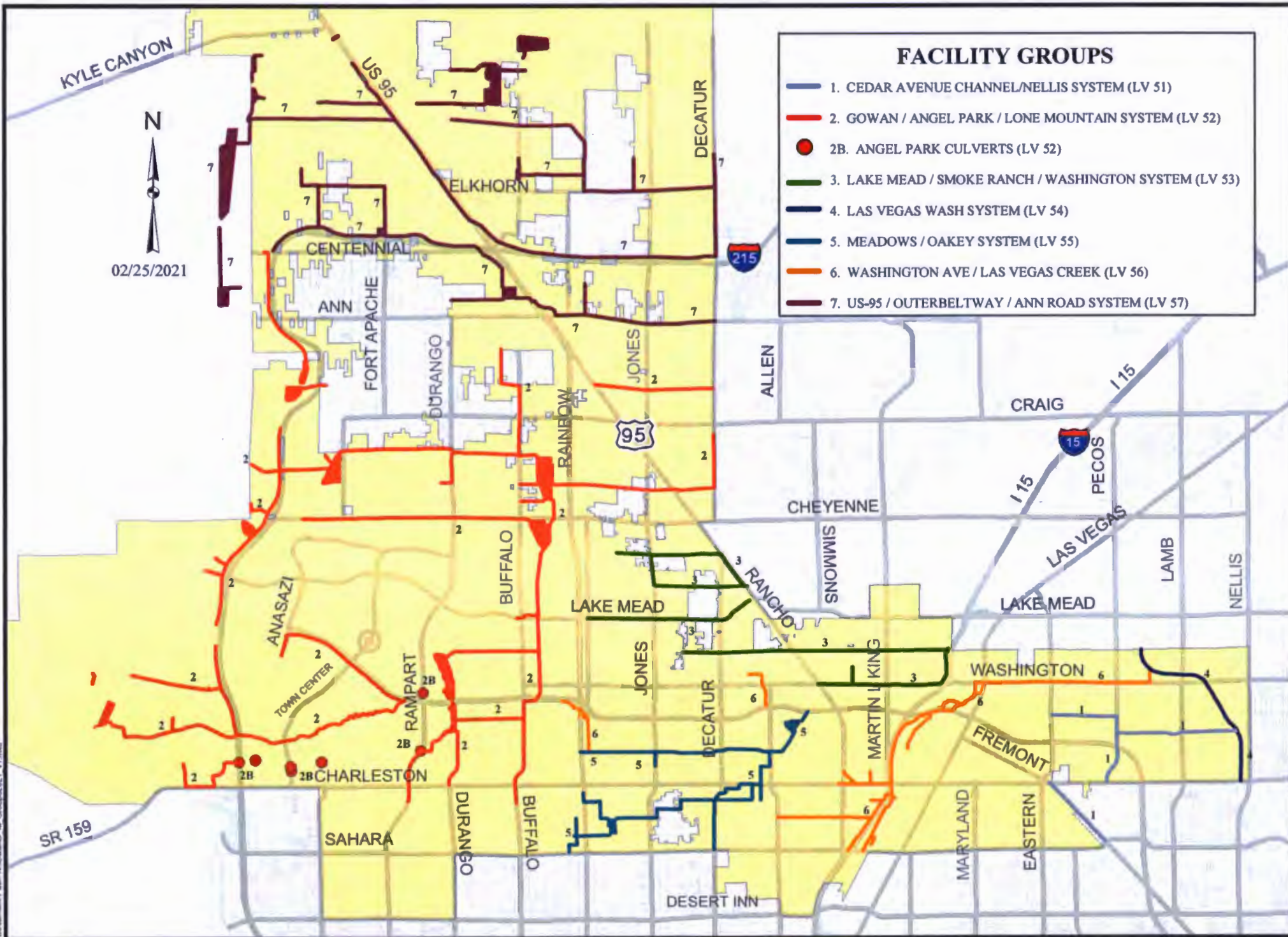
Removed debris, sediment, and vegetation control in various detention basins. Installed block and chain to Skye Canyon DB1. Routine maintenance work activities.

Work to be completed during current Fiscal Year:

Sediment and vegetation removal from the detention basins. Secure vehical access to CAM10 DB and Channel. Routine maintenance work activities.

Consultant/Contractor: N/A

Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541



CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

Interlocal Agreement FY 2021/2022 Maintenance Work Program

PETITIONER:

Travis H. Anderson - Public Works Director for the City of Mesquite

RECOMMENDATION OF PETITIONER:

That the Clark County Regional Flood Control District approve the FY 2021/2022 Interlocal Agreement for the Maintenance Work Program

FISCAL IMPACT: \$489,800.00

BACKGROUND:

The FY 2021/2022 Maintenance Work Program has been developed to maintain Regional Flood Control facilities within the City of Mesquite. The locations of the facilities to be maintained are shown on Exhibit "A" of the proposed Interlocal Agreement, and the work to be performed is described in the work program which is attached.

Respectfully submitted,



Travis H. Anderson
Director of Public Works

TAC AGENDA ITEM # 09 Date: 5/27/21	RFCD AGENDA ITEM # Date: 6/10/21
CAC AGENDA ITEM # 09 Date 05/27/21	

**INTERLOCAL CONTRACT
ANNUAL MAINTENANCE WORK PROGRAM**

THIS CONTRACT "CONTRACT", made and entered into this ____ day of _____, 20____, by and between the CITY OF MESQUITE, a political subdivision of the State of Nevada, hereinafter referred to as "CITY", and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

WITNESSETH:

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve and fund projects to maintain flood control improvements; and

WHEREAS, pursuant to NRS 277.180 any one or more public agencies may contract with one or more other public agencies to perform any governmental service, activity or undertaking which any of the public agencies is authorized by law to perform; and

WHEREAS, the CITY desires to maintain flood control improvements within the CITY in accordance with the maintenance program set forth herein, and hereinafter referred to as "Project"; and

WHEREAS, the facilities upon which maintenance will be performed are facilities described in the DISTRICT'S Master Plan.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT authorizes the Project as it is mutually understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance of the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

SECTION II - PROJECT COSTS

The DISTRICT agrees to make payment for Project costs within the limits specified below:

1. The Project costs shall not exceed \$489,800.00.

The amounts allocated to each individual facility within the Project must be specified in Exhibit "A". Any changes to said allocated amounts must be approved by the DISTRICT'S Chief Engineer in accordance with Section 4.24 of the DISTRICT *Operations and Maintenance Manual*.

A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved to increase the amount noted above prior to payment of any additional funds.

2. The CITY and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the CITY shall submit invoices together with a detailed summary report of the maintenance service performed. The CITY shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the CITY stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District
Accounts Payable
600 S. Grand Central Parkway, Suite 300
Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days of receipt of the invoice. Pursuant to Section IV, Paragraph 8, the DISTRICT may, in its sole discretion, withhold payments to the CITY for services rendered if the CITY fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.

SECTION III - PROJECT TIME

The CITY agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2021 and June 30, 2022. The DISTRICT may grant extensions or terminate this contract and require all sums advanced to the CITY to be repaid if the CITY fails to perform by said date.

SECTION IV - GENERAL

1. The CITY will complete the Project as set forth in Exhibit "A". The CITY staff personnel responsible for coordination of work under this contract are as listed below:

Aaron Baker, City Manager

Travis H. Anderson, Public Works Director

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The CITY will comply with the applicable provisions of the Local Government Purchasing Act, Chapter 332 and Public Works, Chapter 338, of the Nevada Revised Statutes.

3. Applicable portions of the current editions of the *Operations and Maintenance Manual*, *Policies and Procedures Manual*, *Hydrologic Criteria and Drainage Design Manual*, and *Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.

4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the CITY will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.

5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the CITY, approval for payment of billings and expenses submitted by the CITY and the acceptance of any report provided by the CITY. The CITY shall be responsible for monitoring performance of CITY staff or private contractors.

6. Accurate documentation of all work performed and payments made shall be maintained by the CITY for a period of three (3) years in hard copy form after final project approval and payments. Following the three year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format in accordance with the CITY Record Retention Schedule.

7. The CITY shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the CITY fails to perform the maintenance according to the standards specified in this contract and the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the CITY or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the CITY specific written notice of the maintenance required and allowing the CITY 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Travis H. Anderson, Public Works Director
City of Mesquite
10 East Mesquite Boulevard
Mesquite NV 89027

9. The records of the CITY and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.

10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.

11. The CITY, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.

12. The CITY hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.

13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of CITY employees, consultants, contractors, or agents.

14. Any costs found to be improperly allocated to the Project will be refunded by the CITY to the DISTRICT.

15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.

16. Up to the limits set forth in NRS Chapter 41, the CITY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of CITY officers, employees or agents, related to or under this Contract which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.

17. This agreement shall be construed and interpreted in accordance with the laws of the State of Nevada.

18. This CONTRACT may be executed in multiple counterparts, each of which shall be deemed an original CONTRACT and each of which shall constitute one and the same CONTRACT. The counterparts of this CONTRACT may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

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IN WITNESS WHEREOF, the parties have caused this CONTRACT to be executed the day and year first above written.

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

BY: _____
DEBRA MARCH, Chair

ATTEST:

Deanna Hughes
Secretary to the Board

Approved as to Form:

BY: _____
Christopher Figgins
RFCDD Attorney

Date of Council Action: CITY OF MESQUITE

BY: _____
Allan S. Litman, Mayor

ATTEST:

Tracy E. Beck, City Clerk

APPROVED AS TO FORM:

Adam Anderson, City Attorney

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 ANNUAL BUDGET - FY 2021-2022

MWP Facility ME01
 Facility Name Mesquite Town Wash
 MP Facility ID TOWA 0000-0201

Entity: City of Mesquite
 Date Prepared: 02/05/21

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00				
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 6,900.00				
	15 Repair Lined Channel	\$ 3,000.00				
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 3,800.00				
	45 Vegetation Control - Mechanical	\$ 2,000.00				
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 3,000.00				
	85 Engineering					
	90 Homeless Encampment Cleanup					
	TOTALS	\$19,000.00	\$0.00	\$0.00	0%	30-Jun-22

Delays or problem areas:

Work completed during current quarter:

Remove debris, clean drop inlets, and repair any damages. Routine maintenance work activities.

Work to be completed during next quarter:

Continue to perform, repair and clean facility. Routine maintenance work activities.

Consultant/

Contractor: N/A

Project

Manager:



Travis H. Anderson - Public Works Director

Phone Number: 702.346.5237

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 ANNUAL BUDGET - FY 2021-2022

MWP Facility #: ME02
 Facility Name: Abbott Wash Channel
 MP Facility ID: ABWA 0000-0233

Entity: City of Mesquite
 Date Prepared: 2/5/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00				
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 3,000.00				
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 3,000.00				
	21 Provide/Maintain Dust Control	\$ 2,000.00				
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 2,500.00				
	45 Vegetation Control - Mechanical	\$ 1,000.00				
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$ 500.00				
	80 Miscellaneous Work Activities	\$ 2,000.00				
	85 Engineering					
	90 Homeless Encampment Cleanup					
	TOTALS	\$14,300.00	\$0.00	\$0.00	0%	30-Jun-22

Delays or problem areas:

Work completed during current quarter:
 Remove debris, clean drop inlets, and repair any damages. Routine maintenance work activities.

Work to be completed during next quarter:
 Continue with sediment removal. Routine maintenance work activities.

Consultant/ Contractor: N/A
 Project Manager: Travis H. Anderson
 Phone Number: 702.346.5237
 Travis H. Anderson - Public Works Director

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 ANNUAL BUDGET - FY 2021-2022

MWP Facility #: ME04
 Facility Name: Town Wash Detention Basin
 MP Facility ID: TOWA 0237-0267 & MNTP 0000

Entity: City of Mesquite
 Date Prepared: 2/5/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,600.00				
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$ 4,000.00				
	25 Clean Detention Debris Basins	\$ 320,000.00				
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road	\$ 800.00				
	55 Clean & Inspect Inlet/Outlet Structures	\$ 1,000.00				
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 4,000.00				
	85 Engineering	\$ 5,000.00				
	90 Homeless Encampment Cleanup					
	TOTALS	\$337,400.00	\$0.00	\$0.00	0%	30-Jun-22

Delays or problem areas:

Work completed during current quarter: The majority of funds used for this project went towards the costs associated to remove sediment after rain storms went through the Mesquite area leaving large amounts of sediment in the detention basin.

Work to be completed during next quarter: Continue to haul off or relocate sediment from rain storm events. Repair erosion damages, remove debris from inlets and storm drains.

Consultant/
 Contractor: N/A
 Project
 Manager:


 Travis H. Anderson - Public Works Director

Phone Number: 702.346.5237

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 ANNUAL BUDGET - FY 2021-2022

MWP Facility #: ME07
 Facility Name: Pulsipher Wash
 MP Facility ID: PUWA 0000-0164

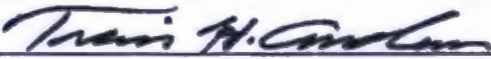
Entity: City of Mesquite
 Date Prepared: 2/5/2021

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00				
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 14,000.00				
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 7,000.00				
	21 Provide/Maintain Dust Control	\$ 2,000.00				
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 2,000.00				
	45 Vegetation Control - Mechanical	\$ 1,000.00				
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 3,100.00				
	85 Engineering					
	90 Homeless Encampment Cleanup					
	TOTALS	\$29,400.00	\$0.00	\$0.00	0%	30-Jun-22

Delays or problem areas:

Work completed during current quarter:
 Continue with condition assessment repair and cleaning. Repair erosion damages in embankment from the detention basin.

Work to be completed during next quarter:
 Repair Riprap along wash. Continue repair and cleaning of facility. Routine maintenance work activities.

Consultant/
 Contractor: N/A
 Project
 Manager: 
 Travis H. Anderson - Public Works Director

Phone Number: 702.346.5237

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 ANNUAL BUDGET - FY 2021-2022

MWP Facility #: ME08
 Facility Name: Abbott Wash Detention Basin
 MP Facility ID: ABWA 0234-0236

Entity: City of Mesquite
 Date Prepared: 02/05/21

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,500.00				
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 5,000.00				
	21 Provide/Maintain Dust Control	\$ 2,000.00				
	25 Clean Detention Debris Basins	\$ 40,000.00				
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 1,000.00				
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road	\$ 1,000.00				
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00				
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 1,000.00				
	85 Engineering	\$ 5,000.00				
	90 Homeless Encampment Cleanup					
	TOTALS	\$60,000.00	\$0.00	\$0.00	0%	30-Jun-22

Delays or problem areas:

Work completed during current quarter: The majority of funds used for this project went towards the cost associated to remove sediment after storms went through the Mesquite area leaving large amounts of sediment in the detention basin.

Work to be completed during next quarter: Continue to haul off or relocate sediment from rain storm events. Repair erosion damages, remove debris from inlets and storm drains.

Consultant/ Contractor: N/A
 Project Manager: *Travis H. Anderson*
 Travis H. Anderson - Public Works Director
 Phone Number: 702.346.5237

REGIONAL FLOOD CONTROL DISTRICT
 MAINTENANCE WORK PROGRAM
 ANNUAL BUDGET - FY 2021-2022

MWP Facility #: ME09
 Facility Name: Pulsipher Wash Detention Basin
 MP Facility ID: PUWA 0166-0168

Entity: City of Mesquite
 Date Prepared: 2/5/2021

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,500.00				
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 7,700.00				
	21 Provide/Maintain Dust Control	\$ 2,000.00				
	25 Clean Detention Debris Basins	\$ 10,000.00				
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 1,000.00				
	45 Vegetation Control - Mechanical	\$ 1,000.00				
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00				
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 1,000.00				
	85 Engineering	\$ 2,000.00				
	90 Homeless Encampment Cleanup					
	TOTALS	\$29,700.00	\$0.00	\$0.00	0%	30-Jun-22

Delays or problem areas:






Work completed during current quarter: The majority of funds used for this project went towards the cost associated to remove sediment after storms went through the Mesquite area leaving large amounts of sediment in the detention basin.

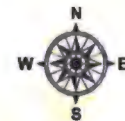
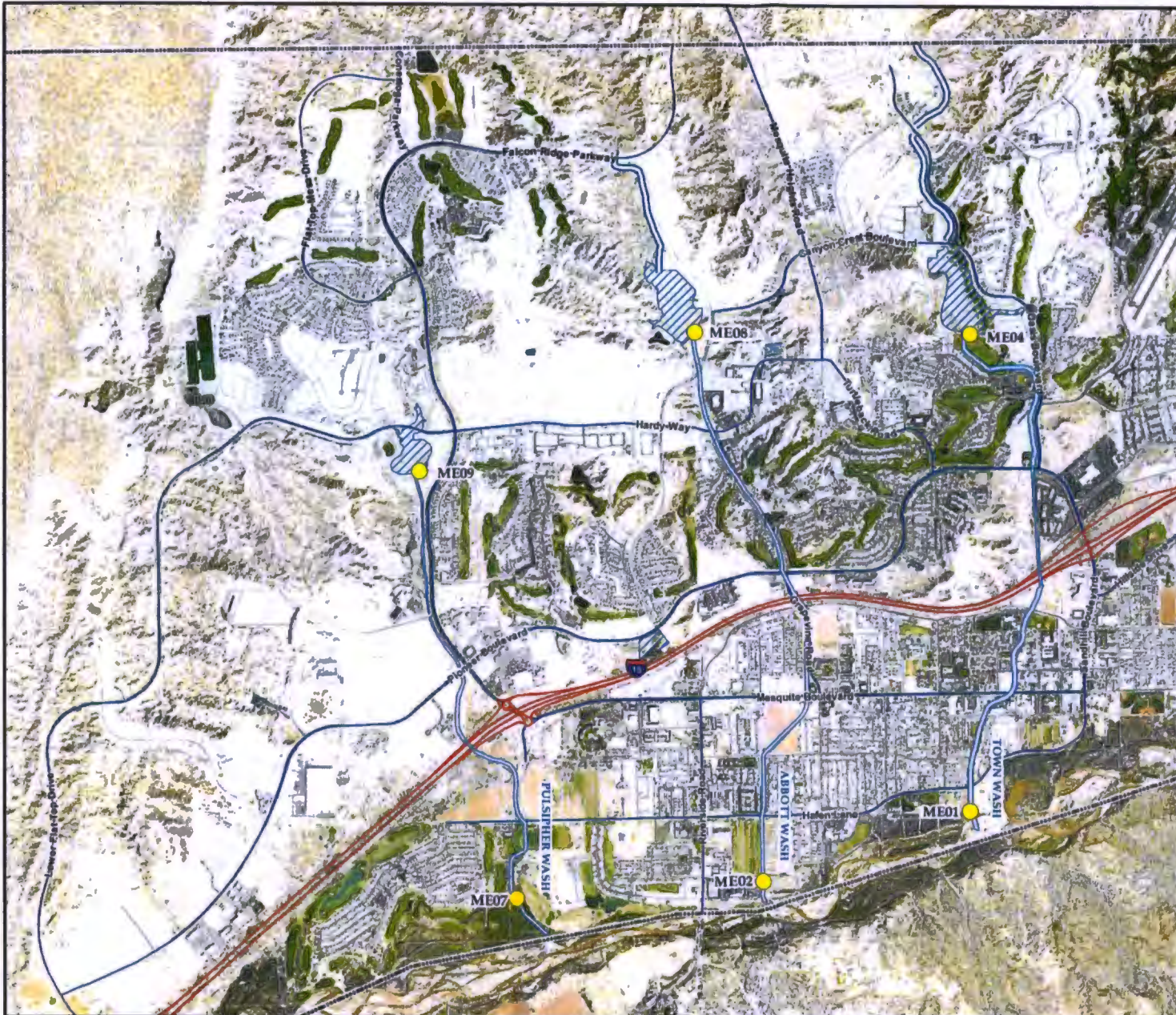
Work to be completed during next quarter: Continue to haul off or relocate sediment from rain storm events. Repair erosion damages, remove debris from inlets and storm drains.

Consultant/ Contractor: N/A
 Project Manager: Travis H. Anderson
 Travis H. Anderson - Public Works Director
 Phone Number: 702.346.5237

Exhibit "A"
Existing Stormwater Facilities
City of Mesquite, Nevada

Legend

-  Proposed Future Wash
-  Stormwater Facilities
-  Washes
-  FCF Basin
-  City Limits



Path: M:\GIS\Drawings\Public Works\Washes\MWF_Mar2018.mxd
 Date: 4/11/2019
 This map is not intended for engineering purposes.
 Public Works Department

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

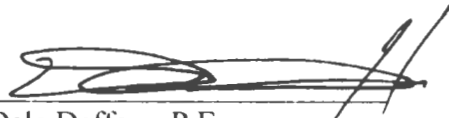
SUBJECT: 2021/2022 MAINTENANCE WORK PROGRAM
PETITIONER: CITY OF NORTH LAS VEGAS
RECOMMENDATIONS OF PETITIONER: THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR THE 2021/2022 MAINTENANCE WORK PROGRAM (FOR POSSIBLE ACTION)

FISCAL IMPACT: \$2,331,000.00

BACKGROUND:

The 2021/2022, Maintenance Work Program has been developed to maintain Regional Flood Control facilities within the City of North Las Vegas. The locations of the facilities to be maintained are shown on Exhibit "A" of the proposed Interlocal Agreement, and the work to be performed is described in the work program, which is attached.

Respectfully submitted,


Dale Daffern, P.E.
Director of Public Works

TAC AGENDA ITEM # 09 Date: 05/27/21	RFCD AGENDA ITEM # Date: 06/10/21
CAC AGENDA ITEM # 09 Date: 05/27/21	

**INTERLOCAL CONTRACT
ANNUAL MAINTENANCE WORK PROGRAM**

THIS CONTRACT, made and entered into this 10th day of June, 2021, by and between the City of North Las Vegas, a political subdivision of the State of Nevada, hereinafter referred to as City of North Las Vegas, and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

WITNESSETH:

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve and fund projects to maintain flood control improvements; and

WHEREAS, pursuant to NRS 277.180 any one or more public agencies may contract with one or more other public agencies to perform any governmental service, activity or undertaking which any of the public agencies is authorized by law to perform; and

WHEREAS, the City of North Las Vegas desires to maintain flood control improvements within the City of North Las Vegas in accordance with the maintenance program set forth herein, and hereinafter referred to as "Project"; and

WHEREAS, the facilities upon which maintenance will be performed are facilities described in the DISTRICT'S Master Plan.

NOW, THEREFORE, in consideration of the covenants, conditions, agreements, and promises of the parties hereto, the DISTRICT authorizes the Project as it is mutually understood and agreed as follows:

SECTION I - SCOPE OF PROJECT

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance of the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

SECTION II - PROJECT COSTS

The DISTRICT agrees to make payment for Project costs within the limits specified below:

1. The Project costs shall not exceed \$2,331,000;

The amounts allocated to each individual facility within the Project must be specified in Exhibit "A". Any changes to said allocated amounts must be approved by the DISTRICT'S Chief Engineer in accordance with Section 4.24 of the DISTRICT *Operations and Maintenance Manual*.

A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved to increase the amount noted above prior to payment of any additional funds.

2. The City of North Las Vegas and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the City of North Las Vegas shall submit invoices together with a detailed summary report of the maintenance service performed. The City of North Las Vegas shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the City of North Las Vegas stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District
Accounts Payable
600 S. Grand Central Parkway, Suite 300
Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days of receipt of the invoice. Pursuant to Section IV, Paragraph 8. the DISTRICT may, in its sole discretion, withhold payments to the City of North Las Vegas for services rendered if the City of North Las Vegas fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.

SECTION III - PROJECT TIME

The City of North Las Vegas agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2021 and June 30, 2022. The DISTRICT may grant extensions or

terminate this contract and require all sums advanced to the City of North Las Vegas to be repaid if the City of North Las Vegas fails to perform by said date.

SECTION IV - GENERAL

1. The City of North Las Vegas will complete the Project as set forth in Exhibit "A". The City of North Las Vegas staff personnel responsible for coordination of work under this contract are as listed below:

Dale Daffern, P.E., Director of Public Works

John Runiks, Manager of Infrastructure Maintenance

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The City of North Las Vegas will comply with the applicable provisions of the Local Government Purchasing Act, Chapter 332 and Public Works, Chapter 338, of the Nevada Revised Statutes.

3. Applicable portions of the current editions of the *Operations and Maintenance Manual*, *Policies and Procedures Manual*, *Hydrologic Criteria and Drainage Design Manual*, and *Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.

4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the City of North Las Vegas will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.

5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the City of North Las Vegas, approval for payment of billings and expenses submitted by the City of North Las Vegas and the acceptance of any report provided by the City of North Las Vegas. The City of North Las Vegas shall be responsible for monitoring performance of City of North Las Vegas staff or private contractors.

6. Accurate documentation of all work performed and payments made shall be maintained by the City of North Las Vegas for a period of three (3) years in hard copy form after final project approval and payments. Following the three-year period, the City of North Las Vegas shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format in accordance with the City of North Las Vegas Record Retention Schedule.

7. The City of North Las Vegas shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the City of North Las Vegas fails to perform the maintenance according to the standards specified in this contract and the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the City of North Las Vegas or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the City of North Las Vegas specific written notice of the maintenance required and allowing the City of North Las Vegas 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Dale Daffern, P.E., Director of Public Works

John Runiks, Manager of Infrastructure Maintenance

9. The records of the City of North Las Vegas and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.

10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.

11. The City of North Las Vegas, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.

12. The City of North Las Vegas hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.

13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of City of North Las Vegas employees, consultants, contractors, or agents.

14. Any costs found to be improperly allocated to the Project will be refunded by the City of North Las Vegas to the DISTRICT.

15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.

16. Up to the limits set forth in NRS Chapter 41, the City of North Las Vegas will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of City of North Las Vegas officers, employees or agents, related to or under this Contract which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.

17. This agreement shall be construed and interpreted in accordance with the laws of the State of Nevada.

18. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

IN WITNESS WHEREOF, the parties have caused this contract to be executed the day and year first above written.

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

BY: _____
Debra March, Chair

ATTEST:

Deanna Hughes
Secretary to the Board

Approved as to Form:

BY: _____
Christopher Figgins
RFCD Attorney

Date of Council Action: City of North Las Vegas

BY: _____
John J. Lee, Mayor

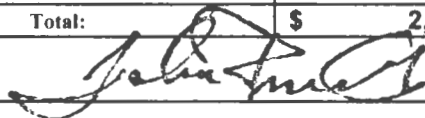
ATTEST:

Catherine A. Raynor, MMC
City Clerk

**Regional Flood Control District
Maintenance Work Plan Summary
- Annual Budget FY 2021-2022**

Master Plan Facility ID	MWP Facility Number	Facility Description	Cost
LVNC 0001-0164	NLV01	Las Vegas Wash - "N" Channel	\$ 80,075.00
LVMD 1648-1877	NLV02	Las Vegas Wash - Middle	\$ 177,571.00
LVKC 0000-0097	NLV03	Las Vegas Wash - King Charles Channel	\$ 70,071.00
RWWE 0055-0350, RWWE 0363, RWRR 0000-0092, RWWA 0000-0104, RWLA 0000-0047, RWCC 0000, RWAN 0000-0100, RWHW 0000-0277, RWAZ 0000	NLV04	Vandenberg Detention Basin	\$ 601,071.00
LVUP 0388-0405, EKEA 0000, 0013	NLV05	North Las Vegas Detention Basin	\$ 179,500.00
LVUP 0908-1077	NLV06	Upper Las Vegas Wash Detention Basin & Moccasin Levee	\$ 152,500.00
LVLM 0000-0270, LVCS 0000-0050	NLV07	Carey/Lake Mead Detention Basin	\$ 106,571.00
GOOF 0000-0224, GOCR 0000-0080, GOLA 0000-0100	NLV08	Gowan Outfall Channel	\$ 74,071.00
LVUP 0446-0493	NLV10	Upper Las Vegas Wash	\$ 23,000.00
LV03 0000-0131, LVSM 0000-0109	NLV11	Clayton Street Channel	\$ 56,071.00
LVMD 1905-2055	NLV12	Lower Las Vegas Detention Basin	\$ 96,571.00
LVMD 2060-2322, ANWE 0000-0122, CNWE 0000-0005, GTEA 0000-0139, AVHR 0020	NLV13	Western Trib - Ranch House Rd to Lower LV DB	\$ 64,571.00
LV06 0000-0147, LV05 0000-0131, LVBR 0000-0014, LVCL 0000-0030	NLV14	Tributary to the Western Trib @ Craig Road	\$ 66,571.00
LVSF 0000-0295, LAAS 0000-0103, LAAT 0000-0204, LANO 0000	NLV15	Las Vegas Wash - Smoke Ranch	\$ 53,071.00
LVUP 0000-0382, LVLO 0000-0025, TREA 0000-0134, CNEA 0000-0176, ANEA 0000-0040, LV5C 0000-0063, CNDS 0000-0062	NLV16	Upper Las Vegas Wash Channel	\$ 99,571.00
LVWR 0000-0293	NLV17	Range Wash - Las Vegas Wash Diversion & Levee	\$ 165,500.00
LVMD 1594-1647	NLV18	Cheyenne Peaking Basin	\$ 88,071.00
LVMD 1355, 1390, 1400	NLV19	LVW-Middle Cheyenne Ave to Owens Ave	\$ 176,573.00
		Total:	\$ 2,331,000.00

John Runiks
Project Manager



**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV01
 Facility Name: Las Vegas Wash - "N" Channel
 MP Facility ID: LVNC 0001-0164

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ 23,500.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ -	
	21 Provide/Maintain Dust Control	\$ 2,000.00	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ 2,000.00	
	40 Vegetation Control - Chemical	\$ 2,000.00	
	45 Vegetation Control - Mechanical	\$ -	
	50 Maintain Access Road	\$ 7,500.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,075.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 1,500.00	
	80 Miscellaneous Work Activities	\$ 24,000.00	
	90 Homeless Encampment Clean Up	\$ 2,500.00	
	TOTALS	\$ 80,075.00	06/30/22

Delays or problem areas: Removed many encampments. Have many fencing repairs delayed due to the encampments.

Work completed during prior fiscal year: Cleaned the vegetation in the concrete channel, cleaned the outlet structures and provided maintenance of access roads. Removed many homeless encampments.

Work to be completed during current fiscal year: Clean upper access roadway removing vegetation with mechanical equipment, clean outlet structures. Remove other vegetation and graffiti throughout. Fencing needs will be repaired. Homeless encampment cleanup upon occurrence.

Consultant/
 Contractor:
 Project
 Manager: John Runiks

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV02
 Facility Name: Las Vegas Wash - Middle
 MP Facility ID: LVMD 1648-1877

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 2,000.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ 23,500.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ 3,500.00	
	21 Provide/Maintain Dust Control	\$ 2,000.00	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ 19,000.00	
	40 Vegetation Control - Chemical	\$ 9,000.00	
	45 Vegetation Control - Mechanical	\$ 15,000.00	
	50 Maintain Access Road	\$ 17,500.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 5,000.00	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 5,000.00	
	80 Miscellaneous Work Activities	\$ 36,500.00	
	90 Homeless Encampment Clean Up	\$ 25,000.00	
TOTALS		\$ 177,571.00	06/30/22

Delays or problem areas: Removed many encampments. The encampments caused large fencing repairs needed due to stolen & removal of fencing.

Work completed during prior fiscal year: Staff has completed major vegetation removal and maintenance of the access roads and cleaned the trash within the channel. Major fence repairs were required. Major homeless encampment cleanup took place.

Work to be completed during current fiscal year: Staff will clean all of the channels within and provide maintenance of all access roads. Repair fences, concrete, and erosion as needed, and remove vegetation, debris and graffiti throughout. Homeless encampment cleanup upon occurrence including security patrolling.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV03
 Facility Name: Las Vegas Wash - King Charles Channel
 MP Facility ID: LVKC 0000-0097

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ 4,000.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ 3,500.00	
	21 Provide/Maintain Dust Control	\$ -	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ 2,000.00	
	40 Vegetation Control - Chemical	\$ 3,000.00	
	45 Vegetation Control - Mechanical	\$ -	
	50 Maintain Access Road	\$ 1,000.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	
	80 Miscellaneous Work Activities	\$ 26,500.00	
	90 Homeless Encampment Clean Up	\$ 13,000.00	
TOTALS		70,071.00	06/30/22

Delays or problem areas: Removed many encampments. Have many fencing repairs due to encampments.

Work completed during prior fiscal year: General maintenance was completed. Removed several homeless encampments.

Work to be completed during current fiscal year: Clean vegetation, graffiti and debris from the channel, repair fencing as needed, and clean inlets and outlets. Homeless encampment cleanup upon occurrence.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV04
 Facility Name: Vandenberg Detention Basin
 MP Facility ID: RWWE 0055-0350, RWWE 0363, RWRR 0000-0092,
 RWWA 0000-0104, RWLA 0000-0047, RWCC 0000,
 RWAN 0000- 0100, RWHW 0000-0277, RWAZ 0000

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,500.00	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ 4,000.00	
	15 Repair Lined Channel	\$ 500,000.00	
	20 Erosion Control and Repair	\$ 13,000.00	
	21 Provide/Maintain Dust Control	\$ 10,000.00	
	25 Clean Detention/Debris Basin	\$ 8,000.00	
	35 Fence Repair	\$ 13,000.00	
	40 Vegetation Control - Chemical	\$ 5,000.00	
	45 Vegetation Control - Mechanical	\$ 1,000.00	
	50 Maintain Access Road	\$ 1,500.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 3,500.00	
	80 Miscellaneous Work Activities	\$ 23,000.00	
	90 Homeless Encampment Clean Up	\$ 2,500.00	
TOTALS		\$ 601,071.00	06/30/22

Delays or problem areas: Removed many encampments. Staff received estimate for needed lined channel repairs. It was estimated at \$1.2 million. Staff would like to break the project into three phases completing one per year for the next three years. We would like to continue item 15 at \$500,000 for the next two years to complete project.

Work completed during prior fiscal year: Staff provided erosion control, dust control, fence repairs and vegetation removal along embankment slopes and access roads. Staff cleaned, inspected and maintained channels, inlet and outlet structures, and removed debris and graffiti as needed. Received estimate at \$1.2 million for channel repairs.

Work to be completed during current fiscal year: Staff will continue to provide erosion control, dust control, fence repairs and vegetation removal along embankment slopes and access roads. Staff will clean, inspect and maintain channels, inlet and outlet structures, and remove debris and graffiti as needed. First phase of estimated three phases to remove and replace the concrete on lined channel for Vandenberg Channel between Lone Mountain & Craig Road. Staff will make a three year project to break up the cost of removal and replacement of damaged lined channel. Homeless encampment cleanup upon occurrence.

Consultant/
Contractor:
Project
Manager:

John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET**

FY 2021-2022

MWP Facility #: NLV05
 Facility Name: North Las Vegas Detention Basin
 MP Facility ID: LVUP 0388-0405, EKEA 0000,0013

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 4,500.00	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ -	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ -	
	21 Provide/Maintain Dust Control	\$ 20,000.00	
	25 Clean Detention/Debris Basin	\$ 80,000.00	
	35 Fence Repair	\$ 4,000.00	
	40 Vegetation Control - Chemical	\$ -	
	45 Vegetation Control - Mechanical	\$ 43,000.00	
	50 Maintain Access Road	\$ 2,000.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 3,500.00	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ -	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ -	
	80 Miscellaneous Work Activities	\$ 21,500.00	
	90 Homeless Encampment Clean Up		
TOTALS		\$ 179,500.00	06/30/22

Delays or problem areas: Excessive fence penetrations from offroad vehicles causing extensive repairs.

Work completed during prior fiscal year: Staff provided erosion control, dust control as needed, fence repairs as needed, provided vegetation removal, cleaned inlets and outlets and maintained access roads.

Work to be completed during current fiscal year: Staff will continue to provide erosion control, maintain dust control, maintain access roads, clean outlets and inlets, remove vegetation and graffiti, and provide fence repairs.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET**

FY 2021-2022

MWP Facility #:	NLV06	City of North Las Vegas
Facility Name:	Upper Las Vegas Wash Detention Basin and Moccasin Levee	03/15/21
MP Facility ID:	LVUP 0908-1077	

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 5,500.00	
	8 Species Survey and Removal	\$ 3,000.00	
	10 Clean and Reshape Channel/Levees	\$ 8,000.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ 40,000.00	
	21 Provide/Maintain Dust Control	\$ 20,000.00	
	25 Clean Detention/Debris Basin	\$ 40,000.00	
	35 Fence Repair	\$ 4,500.00	
	40 Vegetation Control - Chemical	\$ 3,000.00	
	45 Vegetation Control - Mechanical	\$ 5,500.00	
	50 Maintain Access Road	\$ 1,500.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ -	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ -	
	80 Miscellaneous Work Activities	\$ 20,500.00	
	90 Homeless Encampment Clean Up		
TOTALS		\$ 152,500.00	06/30/22

Delays or problem areas: Continued to work with Las Vegas to remove debris being dumped. Due to Tule Springs development we have seen an increased amount of offroad vehicles in this area.

Work completed during prior fiscal year: Staff provided erosion control, dust control as needed, fence repairs, vegetation removal, cleaned inlet and outlet structures, maintained access roads and provided scheduled maintenance on the levee. Major erosion repairs.

Work to be completed during current fiscal year: Staff will continue erosion repairs on north side of levee, bottom of DB, and along Decatur; silt build-up inside DB and grading of inside basin access road; and vandalism in outlet structure. Staff will provide erosion and dust control, remove vegetation, provide fence repairs, clean outlets and inlets, maintain access roads and inspect/monitor levee.

Consultant/
Contractor: _____
Project
Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET**

FY 2021-2022

MWP Facility #: NLV07
 Facility Name: Carey/Lake Mead Detention Basin
 MP Facility ID: LVLM 0000-0270, LVCS 0000-0050

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ -	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,800.00	
	8 Species Survey and Removal	\$ 1,500.00	
	10 Clean and Reshape Channel/Levees	\$ -	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ 15,000.00	
	21 Provide/Maintain Dust Control	\$ 10,000.00	
	25 Clean Detention/Debris Basin	\$ 12,000.00	
	35 Fence Repair	\$ 6,500.00	
	40 Vegetation Control - Chemical	\$ 5,000.00	
	45 Vegetation Control - Mechanical	\$ 10,000.00	
	50 Maintain Access Road	\$ -	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 5,000.00	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	
	80 Miscellaneous Work Activities	\$ 19,700.00	
	90 Homeless Encampment Clean Up	\$ 3,500.00	
	TOTALS	\$ 106,571.00	06/30/22

Delays or problem areas: Removed many encampments. Fencing repairs were needed due to the encampments.

Work completed during prior fiscal year: Staff provided erosion control, cleaned trash and debris, and removed vegetation from rock areas. Fencing was repaired, cleaned outlet structures, maintained access road, and provided major dust control. Channel security was provided. The well was capped off as well.

Work to be completed during current fiscal year: Staff will continue to provide dust control, vegetation removal, and repair damage fencing as needed. Clean along perimeter fence, and repair erosion along outer slopes. Boxes will be cleaned. Homeless encampment cleanup upon occurrence. Repair concrete on water level gauge. Remove stockpile of debris created from cleaning basin. Continue to provide security.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET**

FY 2021-2022

MWP Facility #: NLV08
 Facility Name: Gowan Outfall Channel
 MP Facility ID: GOOF 0000-0224, GOCR 0000-0080,
GOLO 0000-0100

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ 3,500.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ -	
	21 Provide/Maintain Dust Control	\$ -	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ 7,500.00	
	40 Vegetation Control - Chemical	\$ 3,000.00	
	45 Vegetation Control - Mechanical	\$ 3,000.00	
	50 Maintain Access Road	\$ -	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 8,000.00	
	80 Miscellaneous Work Activities	\$ 24,000.00	
	90 Homeless Encampment Clean Up	\$ 10,000.00	
	TOTALS	\$ 74,071.00	06/30/22

Delays or problem areas: Responded to many major encampments clean up and needed fencing repair.

Work completed during prior fiscal year: Repaired fencing, provided vegetation removal using mower, and maintained access roads.

Work to be completed during current fiscal year: Staff will remove any trash and debris, repair fencing, maintain access roads, remove vegetation and graffiti and clean inlet and outlet structures. Homeless encampment cleanup upon occurrence.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV10
 Facility Name: Upper Las Vegas Wash
 MP Facility ID: LVUP 0446-0493

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ -	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ -	
	21 Provide/Maintain Dust Control	\$ -	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ -	
	40 Vegetation Control - Chemical	\$ -	
	45 Vegetation Control - Mechanical	\$ -	
	50 Maintain Access Road	\$ -	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ -	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ -	
	80 Miscellaneous Work Activities	\$ 22,000.00	
	90 Homeless Encampment Clean Up		
	TOTALS	\$ 23,000.00	06/30/22

Delays or problem areas: Foot traffic and minor offroad vehicle traffic have been noticed due to increase in surrounding development.

Work completed during prior fiscal year: Staff provided erosion control, dust control, and removed vegetation.

Work to be completed during current fiscal year: Staff will remove any debris and trash, and remove vegetation and provide erosion and dust control within the channel. Maintain restricted access roads by clearing out any vegetation and adding any regrinds to mitigate any dust activities.

Consultant/
Contractor:
Project
Manager:

John Runiks

Regional Flood Control District Maintenance Work Program ANNUAL BUDGET

FY 2021-2022

MWP Facility #: NLV11
 Facility Name: Clayton Street Channel
 MP Facility ID: LV03 0000-0131, LVSM 0000-0109

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ 5,000.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ -	
	21 Provide/Maintain Dust Control	\$ -	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ 4,500.00	
	40 Vegetation Control - Chemical	\$ 3,000.00	
	45 Vegetation Control - Mechanical	\$ -	
	50 Maintain Access Road	\$ -	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 1,000.00	
	80 Miscellaneous Work Activities	\$ 22,000.00	
	90 Homeless Encampment Clean Up	\$ 3,500.00	
TOTALS		\$ 56,071.00	06/30/22

Delays or problem areas: Removed many encampments. Had many fencing repairs due to encampments.

Work completed during prior fiscal year: Staff repaired fencing, provided vegetation removal, and cleaned inlet and outlet structures. Removed homeless encampment.

Work to be completed during current fiscal year: Staff will provide fencing repairs as needed, provide vegetation removal, and clean inlet and outlet structures. Repair erosion at mid channel west side shoulder and at Tropical Parkway at the back of sidewalk. Homeless encampment cleanup upon occurrence.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV12
 Facility Name: Lower Las Vegas Detention Basin
 MP Facility ID: LVMD 1905-2055

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 3,000.00	
	8 Species Survey and Removal	\$ 1,500.00	
	10 Clean and Reshape Channel/Levees	\$ -	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ 15,000.00	
	21 Provide/Maintain Dust Control	\$ 10,000.00	
	25 Clean Detention/Debris Basin	\$ 10,000.00	
	35 Fence Repair	\$ 6,500.00	
	40 Vegetation Control - Chemical	\$ 7,000.00	
	45 Vegetation Control - Mechanical	\$ -	
	50 Maintain Access Road	\$ 1,000.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 2,500.00	
	80 Miscellaneous Work Activities	\$ 20,500.00	
	90 Homeless Encampment Clean Up	\$ 2,500.00	
	TOTALS	\$ 96,571.00	06/30/22

Delays or problem areas: Removed many encampments. Have many fencing repairs due to encampments.

Work completed during prior fiscal year: Staff provided erosion control, fencing repairs, removed vegetation, cleaned inlet and outlet structures, maintained access roads, and removed large amount of trash and debris from rain events. Fence repairs were completed and homeless encampment clean up.

Work to be completed during current fiscal year: Staff will continue to remove trash and debris, provide fencing repairs as needed, maintain access roads, clear out vegetation, clean inlet and outlet structures, and remediate any rills within the embankment. Remove/clean vegetation, trash, and debris north of pedestrian bridge, and repair erosion on south abutment slope and north of pedestrian bridge. Homeless encampment cleanup upon occurrence.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV13
 Facility Name: West Trib - Ranch House Rd to Lower LV DB
 MP Facility ID: LVMD 2060-2322, ANWE 0000-0122,
CNWE 0000-0005, GTEA 0000-0139, AVHR 0020

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ 6,000.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ 3,000.00	
	21 Provide/Maintain Dust Control	\$ -	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ 4,000.00	
	40 Vegetation Control - Chemical	\$ 3,000.00	
	45 Vegetation Control - Mechanical	\$ -	
	50 Maintain Access Road	\$ 2,000.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	
	80 Miscellaneous Work Activities	\$ 21,000.00	
	90 Homeless Encampment Clean Up	\$ 6,500.00	
	TOTALS	\$ 64,571.00	06/30/22

Delays or problem areas: Removed many encampments. Have many fencing repairs due to encampments.

Work completed during prior fiscal year: Repaired fencing, provided vegetation removal, cleaned inlet and outlet structures, and maintained access roads.

Work to be completed during current fiscal year: Staff will continue to remove any trash and debris, provide fencing repairs, maintain access roads, clear out vegetation, and clean inlets and outlets. Repair continuous access road erosion and rebuild berm at Clayton. Homeless encampment clean up upon occurrence.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV14
 Facility Name: Tributary to the Western Trib @ Craig Road
 MP Facility ID: LV06 0000-0147, LV05 0000-0131,
 LVBR 0000-0014, LVCL 0000-0030

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ 5,500.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ -	
	21 Provide/Maintain Dust Control	\$ -	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ 5,500.00	
	40 Vegetation Control - Chemical	\$ 4,500.00	
	45 Vegetation Control - Mechanical	\$ -	
	50 Maintain Access Road	\$ 2,000.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 3,000.00	
	80 Miscellaneous Work Activities	\$ 21,000.00	
	90 Homeless Encampment Clean Up	\$ 10,000.00	
	TOTALS	\$ 66,571.00	06/30/22

Delays or problem areas: Removed many major encampments. Have many fencing repairs due to encampments.

Work completed during prior fiscal year: Repaired fencing, provided vegetation removal, cleaned inlet and outlet structures and maintained access roads. Removed many major encampments.

Work to be completed during current fiscal year: Staff will continue to remove vegetation, trash and debris, provide fencing repairs, maintain access roads, and clean inlet and outlet structures. Repair any concrete damage from NLV02 to NLV12, and maintain the joint seals throughout the channels. Homeless encampment cleanup upon occurrence.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV15
 Facility Name: Las Vegas Wash - Smoke Ranch
 MP Facility ID: LVSR 0000-0295, LAAS 0000-0103,
 LAAT 0000-0204, LANO 0000,

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ 3,500.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ 3,000.00	
	21 Provide/Maintain Dust Control	\$ -	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ -	
	40 Vegetation Control - Chemical	\$ 3,500.00	
	45 Vegetation Control - Mechanical	\$ -	
	50 Maintain Access Road	\$ 2,000.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 1,000.00	
	80 Miscellaneous Work Activities	\$ 20,000.00	
	90 Homeless Encampment Clean Up	\$ 2,500.00	
TOTALS		\$ 53,071.00	06/30/22

Delays or problem areas: Encountered some homeless encampments and damaged fencing.

Work completed during prior fiscal year: Repaired fencing, removed vegetation, cleaned storm drains, and outlet and inlet structures, and maintained access roads.

Work to be completed during current fiscal year: Staff will continue to remove trash and debris, provide fencing repairs as needed, maintain access roads, remove vegetation, clean inlet and outlet structures, and clean/inspect storm drains. Repair erosion along east side of channel and along entire channel bottom. Homeless encampment cleanup upon occurrence.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV16
 Facility Name: Upper Las Vegas Wash Channel
 MP Facility ID: LVUP 0000-0382, LVLO 0000-0025, TREA 0000-0134,
CNEA 0000-0176, ANEA 0000-0040, LV5C 0000-0063, CNDS 0000-0062

City of North Las Vegas
03/15/21

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ 1,000.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ -	
	21 Provide/Maintain Dust Control	\$ -	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ 3,500.00	
	40 Vegetation Control - Chemical	\$ 3,500.00	
	45 Vegetation Control - Mechanical	\$ -	
	50 Maintain Access Road	\$ -	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 52,000.00	
	80 Miscellaneous Work Activities	\$ 20,000.00	
	90 Homeless Encampment Clean Up	\$ 4,500.00	
	TOTALS	\$ 99,571.00	06/30/22

Delays or problem areas: Removed many encampments. Have many fencing repairs due to encampments.

Work completed during prior fiscal year: Staff provided trash and debris removal, repaired fencing as needed, maintained access roads, removed vegetation and graffiti as needed, and cleaned storm drains, channels, and culverts.

Work to be completed during current fiscal year: Staff will continue to provide trash and debris removal, repair fencing as needed, maintain access roads, remove vegetation and graffiti as needed, and clean storm drains, channels and culverts. Homeless encampment cleanup upon occurrence.

Consultant/
 Contractor: _____
 Project
 Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #:	NLV17	City of North Las Vegas
Facility Name:	Range Wash - Las Vegas Wash Diversion & Levee	03/15/21
MP Facility ID:	LVRW 0000-0293	

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,500.00	
	8 Species Survey and Removal	\$ 1,500.00	
	10 Clean and Reshape Channel/Levees	\$ 2,000.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ 106,000.00	
	21 Provide/Maintain Dust Control	\$ 25,000.00	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ -	
	40 Vegetation Control - Chemical	\$ 3,000.00	
	45 Vegetation Control - Mechanical	\$ -	
	50 Maintain Access Road	\$ 2,000.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ -	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ -	
	80 Miscellaneous Work Activities	\$ 20,000.00	
	90 Homeless Encampment Clean Up	\$ 3,500.00	
TOTALS		\$ 165,500.00	06/30/22

Delays or problem areas: Providing maintenance on the levee was hindered due to the higher than normal level of Air Force training exercises. These delays interfered with production. In light of these challenges our projects were delayed but completed.

Work completed during prior fiscal year: Staff provided major erosion control, fencing repairs, vegetation removal and dust control. Minor homeless encampments encountered. Also encountered fencing repairs due to offroad traffic.

Work to be completed during current fiscal year: Clear access route into DB, repair erosion on embankment slopes, provide fencing repairs, remove vegetation, and provide dust control as needed. Staff will also continue to maintain access roads, monitor and inspect levee. Remove homeless encampments cleanup upon occurrence.

Consultant/
Contractor:
Project
Manager:

John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV18 City of North Las Vegas
 Facility Name: Cheyenne Peaking Basin 03/15/21
 MP Facility ID: LVMD 1594-1647

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ -	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 2,000.00	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ -	
	15 <u>Repair Lined Channel</u>	\$ -	
	20 Erosion Control and Repair	\$ -	
	21 Provide/Maintain Dust Control	\$ -	
	25 Clean Detention/Debris Basin	\$ 20,000.00	
	35 Fence Repair	\$ 5,000.00	
	40 Vegetation Control - Chemical	\$ 3,500.00	
	45 Vegetation Control - Mechanical	\$ 3,500.00	
	50 Maintain Access Road	\$ 3,000.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 1,500.00	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 14,071.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	
	80 Miscellaneous Work Activities	\$ 23,000.00	
	90 Homeless Encampment Clean Up	\$ 10,000.00	
	TOTALS	\$ 88,071.00	06/30/22

Delays or problem areas: Removed many major encampments. Have many fencing repairs due to encampments.

Work completed during prior fiscal year: Staff provided erosion control, dust control, fencing repairs, vegetation removal, cleaned inlet and outlet structures and maintained access roads. Removed many homeless encampments.

Work to be completed during current fiscal year: Staff will continue to provide dust control as needed, maintain access roads, and clean inlet and outlet structures. Remove/clean trash and debris in dam diverters and in channel, and remove vegetation in basin bottom, basin outlet grate, and on upper road south of Civic Center. Remove graffiti and repair fence at end of Bulloch. Remove homeless encampments upon occurrence. Staff will remove silt deposits from the bottom of basin.

Consultant/
Contractor: _____
Project
Manager: John Runiks

**Regional Flood Control District
Maintenance Work Program
ANNUAL BUDGET
FY 2021-2022**

MWP Facility #: NLV19
 Facility Name: LVW-Middle Cheyenne Ave to Owens Ave
 MP Facility ID: LVMD 1355, 1390, 1400

City of North Las Vegas
03/15/21

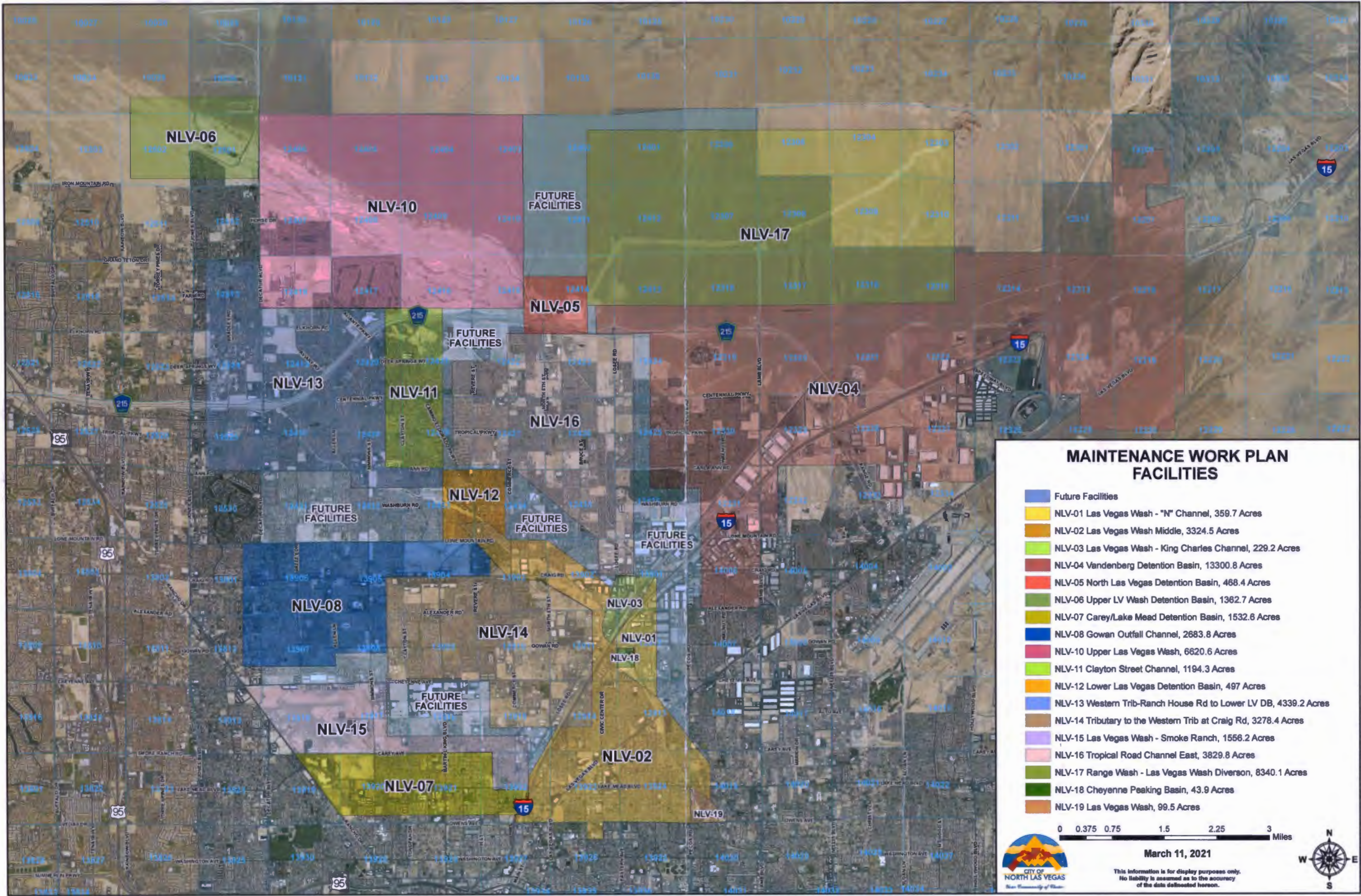
Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	
	5 Inspect Channels	\$ 500.00	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	
	8 Species Survey and Removal	\$ -	
	10 Clean and Reshape Channel/Levees	\$ 81,500.00	
	15 Repair Lined Channel	\$ -	
	20 Erosion Control and Repair	\$ 5,000.00	
	21 Provide/Maintain Dust Control	\$ 5,000.00	
	25 Clean Detention/Debris Basin	\$ -	
	35 Fence Repair	\$ 5,000.00	
	40 Vegetation Control - Chemical	\$ 5,000.00	
	45 Vegetation Control - Mechanical	\$ 10,500.00	
	50 Maintain Access Road	\$ 19,000.00	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -	
	60 Repair Inlet/Outlet Structures	\$ -	
	65 Clean Storm Sewer Lines	\$ 17,073.00	
	70 Storm Sewer Repair	\$ -	
	75 Clean/Flush Culverts & Bridges	\$ 3,500.00	
	80 Miscellaneous Work Activities	\$ 24,000.00	
	90 Homeless Encampment Clean Up		
TOTALS		\$ 176,573.00	06/30/22

Delays or problem areas: Due to the missing maintenance, CNLV is now providing the needed maintenance. Large amount of encampments was on site and major fencing needs.

Work completed during prior fiscal year: Last service date at this location was June 30, 2018. It has not been maintained to date. This Facility was turned over to Clark County at the beginning of FY 2018-2019 (July 2018). CNLV is now providing the needed maintenance.

Work to be completed during current fiscal year: Staff will clean channel, remove vegetation, silt, debris and graffiti throughout the channel. Staff will replace and repair any washed out access roads, provide fencing repairs as needed, reshape slopes, and repair erosions due to homeless encampment.

Consultant/
 Contractor:
 Project
 Manager: John Runiks



MAINTENANCE WORK PLAN FACILITIES

- Future Facilities
- NLV-01 Las Vegas Wash - "N" Channel, 359.7 Acres
- NLV-02 Las Vegas Wash Middle, 3324.5 Acres
- NLV-03 Las Vegas Wash - King Charles Channel, 229.2 Acres
- NLV-04 Vandenberg Detention Basin, 13300.8 Acres
- NLV-05 North Las Vegas Detention Basin, 468.4 Acres
- NLV-06 Upper LV Wash Detention Basin, 1362.7 Acres
- NLV-07 Carey/Lake Mead Detention Basin, 1532.6 Acres
- NLV-08 Gowan Outfall Channel, 2683.8 Acres
- NLV-10 Upper Las Vegas Wash, 6620.6 Acres
- NLV-11 Clayton Street Channel, 1194.3 Acres
- NLV-12 Lower Las Vegas Detention Basin, 497 Acres
- NLV-13 Western Trib-Ranch House Rd to Lower LV DB, 4339.2 Acres
- NLV-14 Tributary to the Western Trib at Craig Rd, 3278.4 Acres
- NLV-15 Las Vegas Wash - Smoke Ranch, 1556.2 Acres
- NLV-16 Tropical Road Channel East, 3829.8 Acres
- NLV-17 Range Wash - Las Vegas Wash Diversion, 8340.1 Acres
- NLV-18 Cheyenne Peaking Basin, 43.9 Acres
- NLV-19 Las Vegas Wash, 99.5 Acres



0 0.375 0.75 1.5 2.25 3 Miles

March 11, 2021

This information is for display purposes only. No liability is assumed as to the accuracy of the data delineated hereon.



CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

INTERLOCAL AGREEMENT

PETITIONER:

STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER

RECOMMENDATION OF PETITIONER:

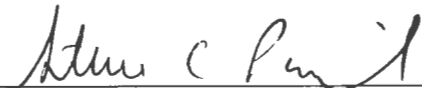
APPROVE AN INTERLOCAL AGREEMENT-REVOCABLE PERMIT FOR OCCUPANCY OF CITY OF HENDERSON OWNED PROPERTY BETWEEN THE CITY OF HENDERSON AND THE REGIONAL FLOOD CONTROL DISTRICT TO INSTALL A RAIN GAUGE AS PART OF THE FLOOD THREAT RECOGNITION SYSTEM (FOR POSSIBLE ACTION)

FISCAL IMPACT: None.

BACKGROUND:

Since 1989, the District has operated and maintained a Flood Threat Recognition System (FTRS). The FTRS consists of more than 200 weather stations and rain gauges throughout Clark County. The FTRS is designed to provide real-time weather data for the purpose of detecting situations which could cause flooding. The FTRS is a critical part of efforts to protect life and property from the adverse impacts of flooding in Southern Nevada. Data is used to notify emergency responders, the National Weather Service, the United States Geological Survey, and other stakeholders when conditions for flooding are developing or occurring. The Interlocal Agreement with the City of Henderson will allow for the installation of an additional FTRS rain gauge at the City of Henderson Fire Station #97. The Interlocal Agreement is attached. The RFCD Attorney has reviewed the Interlocal Agreement.

Respectfully Submitted,



Steven C. Parrish, P.E.
General Manager/Chief Engineer

TAC AGENDA ITEM #10 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #10 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

INTERLOCAL AGREEMENT-REVOCABLE PERMIT FOR OCCUPANCY OF CITY OF HENDERSON OWNED PROPERTY BETWEEN THE CITY OF HENDERSON AND THE REGIONAL FLOOD CONTROL DISTRICT

Since 1989, the District has operated and maintained a Flood Threat Recognition System (FTRS). The FTRS consists of more than 200 weather stations and rain gauges throughout Clark County. The FTRS is designed to provide real-time weather data for the purpose of detecting situations which could cause flooding. The FTRS is a critical part of efforts to protect life and property from the adverse impacts of flooding in Southern Nevada. Data is used to notify emergency responders, the National Weather Service, the United States Geological Survey, and other stakeholders when conditions for flooding are developing or occurring. The Interlocal Agreement with the City of Henderson will allow for the installation of an additional FTRS rain gauge at the City of Henderson Fire Station #97.

The RFCD Attorney has reviewed the Interlocal Agreement.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
#10 Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#10 Date: 05/27/2021

Recommendation:

INTERLOCAL AGREEMENT

**REVOCABLE PERMIT FOR OCCUPANCY OF
CITY OF HENDERSON OWNED PROPERTY**

THIS INTERLOCAL AGREEMENT - REVOCABLE PERMIT (this “Agreement”) is made and entered into as of the date of Henderson City Council approval as indicated on the signature page, which approval shall follow Permittee approval (the “Effective Date”), by and between the CITY OF HENDERSON, a municipal corporation and political subdivision of the State of Nevada (the “City”), and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (the “Permittee”).

RECITALS

- A. Nevada Revised Statutes (“NRS”) 277.180 provides that one or more “public agencies” (as that term is defined in NRS 277.100(1)) may, by an interlocal agreement, contract with any one or more other public agencies to perform any governmental service, activity or undertaking which any of the public agencies entering into the contract is authorized by law to perform.
- B. The City and the Permittee, as political subdivisions of the State of Nevada, are both public agencies
- C. The City is the owner of that certain real property identified as Clark County Assessor’s Parcel No. 178-21-801-024, more particularly described in Exhibit A attached hereto (the “City Property”).
- D. Permittee is collecting rainfall data in the area of the City Property.
- E. Permittee desires to install, on a temporary basis, a rain gauge consisting of a ten-foot-tall aluminum standpipe inserted into the ground, and associated equipment, on the City Property for the purpose of gathering and measuring the amount of liquid precipitation over an area in a given time period (the “Improvements”).
- F. The City is agreeable to the temporary use of the City Property by the Permittee for the purposes described herein and subject to the terms and conditions set forth herein.

NOW, THEREFORE, for and in consideration of the respective covenants, agreements, representations, warranties and indemnities of the parties herein contained and for other good and valuable consideration (the receipt and sufficiency of which are acknowledged by each party hereto), the parties hereby agree as follows:

Section 1. Permitted Use. The City Property shall be used by Permittee exclusively for rain gauge installation and gathering and measuring the amount of liquid precipitation over an area in a given time period (“Permitted Use”). The Permitted Use shall be subject to the following restrictions:

Section 2. Condition of Property Not Warranted. The Permittee has determined that the City Property is sufficient for the Permitted Use and accepts the City Property in an “as is” condition. The City makes no warranty as to the safety, healthfulness or suitability of the City Property for the Permitted Use. PERMITTEE, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ABSOLUTELY AND UNCONDITIONALLY WAIVES AND REALEASES THE CITY FROM ANY AND ALL LIABILITIES ARISING FROM THE CONDITION OF THE CITY PROPERTY AND THE PERMITTED AREA. Occupancy of the City Property shall constitute an acceptance of the condition of the City Property and the Permitted Area, as defined below, and all the provisions and terms of this Agreement by Permittee.

Section 3. Permitted Area Description. The area of City Property subject to this Agreement is approximately twenty-five (25) square feet in total, located on a portion of the City Property more particularly described in Exhibit A and graphically depicted on Exhibit B attached hereto (“Permitted Area”).

Section 4. Term. This Agreement shall have a term commencing on the Effective Date and terminating at 12:00 p.m. noon on that date that is five (5) years after the Effective Date (“Initial Term”), or such earlier date as this Agreement may be terminated pursuant to a notice to quit or notice to discontinue delivered in accordance with the provisions hereof (the “Termination Date”, except that if the date of such termination is hereafter advanced to an earlier date or postponed pursuant to any provision of this Agreement, or by express, written agreement of the parties hereto, or by operation of law, the date to which it is advanced or postponed shall thereafter be the “Termination Date” for all purposes of this Agreement).

Section 5. Extension to Initial Term. The Initial Term may be extended for three (3) additional five-year periods (each, an “Extension Term”) upon mutual written agreement by the City and Permittee. The Initial Term and any Extension Terms are collectively referred to herein as the “Term”. In the event that Permittee desires to extend the Term of this Agreement, Permittee shall provide written notice to the City not less than ninety (90) days prior to the expiration of the Initial Term or the then-current Extension Term. Any such extension is subject to approval by the governing body of the City and must be evidenced by a written amendment extending the Term.

Section 6. Compliance with Law. Permittee shall comply with all local, state and federal laws pertaining to the Permitted Use.

Section 7. Destruction. Permittee shall not destroy, damage, deface, remove, or substantially alter any part of the Permitted Area. No brush, shrubs, trees, or other flora now located on the Permitted Area, or which hereafter may be planted or grown thereon, shall be cut, trimmed, mutilated, removed, or disturbed in any manner except with the prior written approval of the City’s Director of Public Works.

Section 8. Indemnification. No provision of this Agreement shall be deemed a waiver of any limitation set forth in NRS 41.0305 to NRS 41.039. Up to the limits set forth in NRS Chapter 41 and subject to the covenant in Section 21, Permittee hereby agrees to assume liability for and, to the maximum extent and duration permissible by law, to protect, indemnify and save and hold the City, its councilmembers, officers and employees harmless from and against any and all liability, claims, demands, losses, fines, expenses or causes of action of any kind arising out of or in any way related to the use, occupancy, conduct, operation or management of the Permitted Area by Permittee or its employees while on the Property, including, without limitation (i) loss of or damage to the Permitted Area, the City Property, or other property of the City; (ii) loss of or damage to third party property, (iii) loss attributable to bodily or personal injury, disease, or death suffered by any person; (iv) mechanics' liens; and (v) damage or harm to the environment. Permittee's obligations under this Section 8 shall survive the expiration or termination of this Agreement.

Section 9. Insurance. Pursuant to NRS 41.038, the Permittee shall adopt a self-insured insurance program for automobile and general liability for bodily injury and property damage and personal injury liability. The Permittee shall maintain worker's compensation liability insurance for the Term of this Agreement.

Permittee shall cause each contractor and subcontractor to carry insurance in a sufficient amount covering such contractor's or subcontractor's work. Further, each contractor and subcontractor shall furnish to the City, via the Permittee, a certificate of insurance.

The consent of the City to the insurance and limits insured as shown in this Section shall not be considered as a limitation of Permittee's liability under this Agreement nor an agreement by the City to assume liability in excess of said amounts or for risks not insured against.

Section 10. Maintenance. Permittee is responsible for all maintenance of the Permitted Area necessitated by Permittee's use during the Term. Removal of all trash and debris caused by the Permittee within the Permitted Area shall be completed regularly throughout the Term by the Permittee at Permittee's expense.

Section 11. Termination of Agreement. Either party may terminate or discontinue this Agreement effective after ninety (90) days written notice to terminate or discontinue this Agreement is sent or given to the other party in accordance with the notice provision set forth below. In the event Permittee gives notice to terminate or discontinue prior to the expiration of this Agreement, any prepaid fees will be forfeited. In the event the City gives notice to discontinue the permit, any prepaid fees will be prorated and any unused portion returned to the Permittee. Upon expiration or termination of this Agreement, unless otherwise agreed by the Parties, Permittee will be responsible for the removal of the Improvements and restoration of the Permitted Area to its original condition, at Permittee's expense, subject to the City's inspection and approval.

Section 12. Transfer of Rights. Permittee shall not transfer its interest in this Agreement to others.

Section 13. Prior Rights. This Agreement is granted subject to all prior valid and existing liens, reservations, conditions, encumbrances, or claims, or title which may affect the real property covered by this Agreement.

Section 14. Notices. All required notices shall be mailed or delivered to the following addresses:

Permittee: Regional Flood Control District
Attn: John Tennert
600 Grand Central Pkwy, Suite 300
Las Vegas, NV 89106

City: City of Henderson
Public Works, Parks and Recreation
Attn: Property Management
P. O. Box 95050, MS 131
Henderson, NV 89009-5050

Section 15. Entire Understanding. The making, execution and delivery of this Agreement by Permittee has not been induced by any representations, statements, warranties or agreement other than those herein expressed. This Agreement embodies the entire understanding of the parties and there are no other or further agreements or understandings, written or oral, in effect between the parties relating to the subject matter hereof. Each party acknowledges that the party has carefully reviewed this Agreement, that each had the opportunity to consult an attorney, and that each fully understands and has participated in drafting its provisions, and, accordingly, the normal rules of construction to the effect that any ambiguities are to be resolved against the drafting party are not to be employed or used in any interpretation of this Agreement. This Agreement may be amended or modified only by an instrument of equal formality signed by the respective parties.

Section 16. Third-Party Beneficiaries. Nothing contained herein shall create a contractual relationship with, or any rights in favor of, any third party.

Section 17. Severability. In the event that any provision of this Agreement shall be held to be invalid or unenforceable, the remaining provisions of the Agreement shall remain valid and binding on the parties hereto.

Section 18. Governing Law; Jurisdiction. This Agreement shall be governed and construed in accordance with the laws of the State of Nevada, without regard for its choice-of-law rules, and all liabilities relating to or arising out of this Agreement, or the breach hereof, whether sounding in contract, tort, or otherwise, shall likewise be governed by the laws of the State of Nevada, without regard for its choice-of-law rules. The parties agree to submit to the jurisdiction of the state and federal courts located in Clark County, Nevada as the exclusive venue for the resolution of any disputes arising under or related to this Agreement.

Section 19. Time of Essence. Time is of the essence as to each and every provision of this Agreement.

Section 20. Authority; Acceptance. The person signing this Agreement on behalf of Permittee represents and warrants that he or she has the requisite power and authority to enter into, execute, and deliver this Agreement, and this Agreement is a valid and legally binding obligation of Permittee, enforceable against Permittee in accordance with its terms. This Agreement shall be accepted by Permittee within thirty (30) days of approval by the Henderson City Council, as evidenced by Permittee's authorized signature hereto, or this Agreement is subject to revocation by City.

Section 21. Covenant Regarding Agents, Contractors, and Subcontractors. Permittee covenants not to use any agents, contractors, or subcontractors to perform any work on behalf of Permittee in or on the Permitted Area without prior written consent from City. Upon City's written consent, Permittee shall require each such agent, contractor, or subcontractor to provide City with a written indemnification agreement similar in scope as that in Section 8, and also to provide City with evidence of insurance in the amounts specified in Section 9.

[signatures appear on following pages]

Subject to all the terms, restrictions, and conditions contained herein, a Revocable Permit for Occupancy of City of Henderson Owned Property identified as APN 178-21-801-024 owned by the City of Henderson is hereby granted to the Clark County Regional Flood Control District.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be signed and effective as of the Effective Date.

Date of City Council Approval: _____, 2021

CITY:
CITY OF HENDERSON, NEVADA

By _____
RICHARD A. DERRICK
City Manager/CEO

ATTEST:

LISA M. CORRADO, AICP
Interim City Clerk

APPROVED AS TO FORM:

NICHOLAS G. VASKOV
City Attorney

APPROVED AS TO FUNDING:

JIM MCINTOSH
Finance Director

APPROVED AS TO CONTENT:

ED MCGUIRE
Director of Public Works

PERMITTEE

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

By: _____

DEBRA MARCH, Chair

ATTEST:

By: _____ Date: _____

Deanna Hughes
Secretary to the Board

APPROVED AS TO LEGALITY ONLY:

By: _____ Date: _____

Christopher D. Figgins
RFCDD Attorney

EXHIBIT "A"
CITY PROPERTY

That portion of the Southwest Quarter (SW1/4) of the Southeast Quarter (SE1/4) of Section 21, Township 22 South, Range 62 East, M.D.M., City of Henderson, Clark County, Nevada, consisting of 25 square feet, as depicted on Exhibit B.

APN: 178-21-801-024 (ptn)

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

HOWARD HUGHES CORPORATION AGREEMENT TO REIMBURSE THE DISTRICT

PETITIONER:

STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER

RECOMMENDATION OF PETITIONER:

THAT THE BOARD APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE AGREEMENT TO REIMBURSE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (DISTRICT) FOR EXPEDITED REVIEW OF SECTION 408 PERMIT FROM US ARMY CORPS OF ENGINEERS LOS ANGELES DISTRICT (CORPS) (FOR POSSIBLE ACTION)

FISCAL IMPACT: None by this action

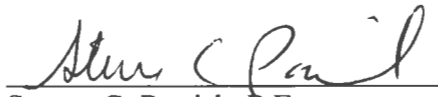
BACKGROUND:

Section 214 of the Federal Water Resources Development Act of 2000, Public Law 106-541, as amended and codified at 33 U.S.C. 2352 authorizes the Secretary of the Army to accept and expend funds contributed by a non-Federal public entity to expedite the evaluation of a permit application for the alteration or modification of Corps built structures. Federal budget constraints on Corps functions have slowed issuance of 408 permits, which may result in delays for public and private projects. On July 13, 2017, the Regional Flood Control District (District) Board of Directors approved and authorized the Chairman to sign a Section 214 Memorandum of Agreement (MOA) for expedited reviews of Section 408 Permits from the Corps. On August 10, 2017, the Board of Directors approved a revised Section 214 agreement that increased the funding for expedited reviews. On June 11, 2020, the Board of Directors approved an extension of the MOA to July 1, 2024.

TAC AGENDA ITEM #11 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #11 Date: 05/27/2021	

This Agreement to Reimburse between the District and Howard Hughes Corporation provides for reimbursement of District funds used to expedite review of the Section 408 permit for the Summerlin Village 15A project in accordance with the Memorandum of Agreement. RFCD Legal Counsel has reviewed this Agreement to Reimburse. Staff recommends approval.

Respectfully submitted,


Steven C. Parrish, P.E.
General Manager/Chief Engineer

TAC AGENDA ITEM #11 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #11 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

HOWARD HUGHES CORPORATION AGREEMENT TO REIMBURSE THE DISTRICT

Section 214 of the Federal Water Resources Development Act of 2000, Public Law 106-541, as amended and codified at 33 U.S.C. 2352 authorizes the Secretary of the Army to accept and expend funds contributed by a non-Federal public entity to expedite the evaluation of a permit application for the alteration or modification of Corps built structures. Federal budget constraints on Corps functions have slowed issuance of 408 permits, which may result in delays for public and private projects. On July 13, 2017, the Regional Flood Control District (District) Board of Directors approved and authorized the Chairman to sign a Section 214 Memorandum of Agreement (MOA) for expedited reviews of Section 408 Permits from the Corps. On August 10, 2017, the Board of Directors approved a revised Section 214 agreement that increased the funding for expedited reviews. On June 11, 2020, the Board of Directors approved an extension of the MOA to July 1, 2024.

This Agreement to Reimburse between the District and Howard Hughes Corporation provides for reimbursement of District funds used to expedite review of the Section 408 permit for the Summerlin Village 15A project in accordance with the Memorandum of Agreement. RFCD Legal Counsel has reviewed this Agreement to Reimburse. Staff recommends approval.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
#11 Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#11 Date: 05/27/2021

Recommendation:

**AGREEMENT BETWEEN
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
AND
HOWARD HUGHES PROPERTIES, INC.**

This AGREEMENT (“AGREEMENT”) is entered into between the Clark County Regional Flood Control District (hereinafter “CCRFCFCD”) and Howard Hughes Properties, Inc. (hereinafter “Howard Hughes Properties, Inc.”), and individually referred to as “Party” or collectively referred to as the “Parties.”

RECITALS

WHEREAS, Howard Hughes Properties, Inc. proposes improvements as part of the Summerlin Village 15A project located east of Town Center Drive between Flamingo Road and CC-215. Included in the project is a proposed storm drain connection to the existing Red Rock Channel. The Red Rock Channel was constructed by Clark County Public Works in conjunction with Section 10A of the Beltway. The channel is a part of the United States Army Corps of Engineers’ (hereinafter “Corps”) Tropicana and Flamingo Washes project and requires approval from the Corps prior to any alterations or modifications;

WHEREAS, Howard Hughes Properties, Inc. desires to utilize and pay for the expedited review process of the Corps for approval of a Section 408 permission to allow for the alteration or modification of the Red Rock Channel (“PROJECT”);

WHEREAS, in order to have an expedited review done by the Corps it is necessary that a Memorandum of Agreement (“Corps MOA”) be entered into between the United States Army Corps of Engineers (hereinafter “Corps”) and CCRFCFCD which establishes the responsibilities and operating procedures of Corps and CCRFCFCD to allow for expedited reviews of Section 408 permissions allowing for alteration or modification of water resource development projects constructed by the Corps;

WHEREAS, CCRFCFCD will provide funds in accordance with Corps MOA to fund expedited reviews of Section 408 permissions provided Howard Hughes Properties, Inc. reimburses CCRFCFCD for any and all funds provided by CCRFCFCD.

NOW, THEREFORE, the Parties agree as follows:

AGREEMENT

Article I – FUNDING

- A. CCRFCFCD agrees to use its reasonable efforts to enter into the Corps MOA.

- B. Within thirty (30) days of execution of this AGREEMENT, Howard Hughes Properties, Inc. will pay CCRFCD an amount of forty thousand 00/100 dollars (\$40,000.00) to cover the estimated costs associated with the expedited review by the Corps.
- C. Upon notification from the Corps to CCRFCD that funding is not sufficient to complete expedited review and that additional funds are necessary for the expedited review to continue, CCRFCD will provide notification to Howard Hughes Properties, Inc. that additional funds are needed. Within ten (10) calendar days of receipt of said notification, Howard Hughes Properties, Inc. will provide the additional funds as requested by the Corps to the CCRFCD in accordance with Article II B.2. If no additional funds are provided by Howard Hughes Properties, Inc. within the time frame specified, then CCRFCD shall notify the Corps that the expedited review is no longer necessary, and this AGREEMENT is hereby terminated. If additional funds requested by the Corps are provided, then CCRFCD will pay to the Corps those funds provided by Howard Hughes Properties, Inc. to CCRFCD.
- D. Notwithstanding any other provision that is in this AGREEMENT, Howard Hughes Properties, Inc. will reimburse and/or provide for any and all funds provided to the Corps by CCRFCD to expedite review and evaluation related services for expediting review of Section 408 permission within thirty (30) days of receipt of invoice from CCRFCD. This section survives any termination and/or completion of this AGREEMENT. Furthermore, Howard Hughes Properties, Inc. will be solely responsible for any and all costs associated with the Section 408 permission including but not limited to any property acquisitions and construction of the alteration or modification of the Red Rock Channel structure.
- E. In the event the Corps does not utilize all of the funds provided by Howard Hughes Properties, Inc., CCRFCD agrees to reimburse unspent funds within 60 calendar days of receipt of said funds from Corps.

Article II – PARTIES RESPONSIBILITIES

- A. To facilitate the Corps' reviews and activities, the CCRFCD will:
 - 1. Provide Howard Hughes Properties, Inc. with a brief quarterly summary report prepared by Corps of progress made. Progress will be itemized for expedited Section 408 Request package during the quarter. This report will describe achievements for expedited Section 408 Request package reviews, and will summarize expenditures for Section 408 package to date. The report shall not be in excess of five (5) pages of narrative per report.

2. CCRFCD will provide an invoice detailing costs for the expedited Section 408 Request.
- B. Howard Hughes Properties, Inc. shall, at its sole costs and expense, engage consultant services to develop and provide information required by the Corps to complete the 408 permission application. To facilitate the Corps' reviews and activities, Howard Hughes Properties, Inc. will:
1. Provide all information necessary for the Section 408 request, scheduling requirements, and other specific activities to initiate permit evaluation. Upon request, Howard Hughes Properties, Inc. shall provide supplemental information necessary to complete the permission application. Additional information required to complete the Section 408 Request evaluation process may exceed what is needed to initiate the process.
 2. Reimburse CCRFCD for all costs and expenses associated with the expedited Section 408 Request within thirty (30) calendar days of receipt of invoice. Except as otherwise provided in this Agreement, reimbursable amount will not exceed \$40,000.00 without written approval by Howard Hughes Properties, Inc. If costs to expedite Section 408 Request exceed \$40,000.00 Howard Hughes Properties, Inc. can either: 1) authorize expenditure in writing and agree to reimburse additional costs; or 2) notify CCRFCD in writing denying additional expenditure, which will result in elimination of expedited review process by Corps. Notwithstanding the above, the Howard Hughes Properties, Inc. agrees to pay all costs of closing out or transferring any ongoing contracts, work, or expenses that CCRFCD is responsible for pursuant to the Corps MOA if Howard Hughes Properties, Inc. elects not to provide additional funding for expedited services.
 3. Meet with CCRFCD representatives and Corps as needed to discuss progress under this AGREEMENT.

Article III – COMMUNICATIONS

To provide for consistent and effective communication between the Parties, each Party will appoint a Principal Representative to serve as its central point of contact on matters relating to this AGREEMENT. Additional representatives may also be appointed to serve as points of contact on specific actions or issues. For the purposes of this AGREEMENT, CCRFCD's Principal Representative will be Steven C. Parrish, P.E., General Manager/Chief Engineer, CCRFCD, and Howard Hughes Properties, Inc.'s Principal Representative will be Kevin T. Orrock, Vice President. The Principal Representatives for each Party may be changed upon written notification to the other Party.

Article IV – NOTIFICATIONS

- A. Any notice, request, demand or other communication required or permitted to be given under this AGREEMENT shall be deemed to have been duly given if in writing and delivered personally or mailed by first-class, registered or certified mail, as follows:

If to CCRFCD:

Clark County Regional Flood Control District
600 South Grand Central Parkway, Suite 300
Las Vegas, NV 89106
Attn: Steven C. Parrish, P.E.

With a copy in all instances to:

Clark County District Attorney's Office
500 South Grand Central Parkway, Suite 5075
Las Vegas, NV 89155
Attn: Lisa Logsdon, Chief Deputy District Attorney

If to Howard Hughes Properties, Inc.:

Howard Hughes Properties, Inc.
Address: 10845 Griffith Peak Drive #160
Las Vegas, NV 89135
Attn: Kevin T. Orrock

- B. A Party may change the address to which such communications are to be directed by giving written notice to the other Party in the manner provided in this Article.
- C. Any notice, request, demand or other communication made pursuant to this Article shall be deemed to have been received by the addressee at the earlier of such time as it is actually received or seven (7) calendar days after it is mailed.

Article V – APPLICABLE LAWS

Nevada law shall govern the interpretation of this AGREEMENT, including but not limited to any limitations on funding for this AGREEMENT. Jurisdiction will be in the local courts in the State of Nevada. Unless otherwise required by law, expediting of Section 408 requests undertaken by the Corps will be governed by Corps regulations, policies, and procedures.

Article VI – NO THIRD PARTY BENEFICIARY

It is specifically agreed between the Parties executing this AGREEMENT, except as otherwise provided in this AGREEMENT, that it is not intended by the Parties that any of the

provisions of any part of this AGREEMENT create in the public or any member thereof a third party beneficiary status hereunder, or to authorize anyone not a party to this AGREEMENT to maintain a suit for personal injuries, property damage or any other damages pursuant to the terms or provisions of this AGREEMENT.

Article VII – AMENDMENT, MODIFICATION, AND TERMINATION

- A. This AGREEMENT may be modified or amended only by written, mutual agreement of the Parties.
- B. Any Party reserves the right to terminate its participation in this AGREEMENT without cause upon thirty (30) calendar days written notice to the other Party. In the event of termination, Howard Hughes Properties, Inc. will continue to be responsible for all costs incurred by CCRFCD and the Corps in performing expedited Section 408 Request review services up to the time of notice and for the costs of closing out or transferring any ongoing contracts in support of the provision of services by the Corps under this AGREEMENT and/or Corps MOA.

Article VIII – EFFECTIVE DATE AND DURATION

This AGREEMENT will be effective on the date of signature by the last Party. Unless amended or modified, this AGREEMENT shall remain in force until the obligations of the parties are fulfilled or either Party provides a thirty day written notice of termination of this AGREEMENT to the other Party or Howard Hughes Properties, Inc. fails to provide the additional funds as required in this AGREEMENT, whichever of these events occurs first.

Article IX – INDEMNIFICATION WAIVER AND RELEASE

Howard Hughes Properties, Inc. agrees to indemnify, defend and hold harmless CCRFCD and Clark County from any and all claims, causes of action, liabilities, demands, judgments, and/or suits which arise out of and/or related to Howard Hughes Properties, Inc.'s actions in regard to this AGREEMENT, the Section 408 request, the PROJECT, the expedited review including, but not limited to, any actions or non-actions of the Corps. Furthermore, Howard Hughes Properties, Inc. hereby agrees to waive and release CCRFCD and Clark County from any suits, actions, damages, and/or liabilities it may have against CCRFCD and Clark County related to and/or arising out of the Section 408 request expedited review, the actions and/or non-actions of the Corps and/or the removal and/or non-removal of the Project. This provision survives the termination and/or completion of this AGREEMENT.

Article X – ADDITIONAL APPROVALS

Howard Hughes Properties, Inc. hereby agrees that notwithstanding any approvals obtained from Corps for the Section 408 permit, NDOT must also obtain separate approvals and authorizations from Clark County and CCRFCD for any changes and modifications to the Red Rock Channel structure.

Article XI – MISCELLANEOUS

- A. This AGREEMENT will not affect any pre-existing or independent relationships or obligations between the Parties.
- B. CCRFCD’s participation in this AGREEMENT does not imply endorsement of the Section 408 request, nor does it diminish, modify, or otherwise affect CCRFCD’s statutory or regulatory authorities.
- C. If any provision of this AGREEMENT is determined to be invalid or unenforceable, the remaining provisions will remain in force and unaffected to the fullest extent permitted by law and regulation.
- D. This AGREEMENT, including any documents incorporated by reference or attachments thereto, constitute the entire agreement between the Parties. All prior or contemporaneous agreements, understandings, representations and statements, oral or written, are merged herein and shall be of no further force or effect.

IN WITNESS WHEREOF, this AGREEMENT is executed as of the dates indicated below by CCRFCD, acting by and through its governing board, and by Howard Hughes Properties, Inc.

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

Debra March
Chair, Board of Directors

APPROVED AS TO FORM:

Christopher D. Figgins
CCRFCD Legal Counsel

Howard Hughes Properties, Inc.

Kevin T. Orrock
Vice President

Date: _____

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

<p>SUBJECT:</p> <p>ESTABLISH FUNDING ALLOCATIONS FOR THE OPERATING BUDGET FOR THE LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021-2022</p>
<p>PETITIONER:</p> <p>STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER</p>
<p>RECOMMENDATION OF PETITIONER:</p> <p>THAT THE BOARD APPROVE AN INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR THE LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021-2022 (FOR POSSIBLE ACTION)</p>

FISCAL IMPACT: \$89,273

BACKGROUND: On June 11, 2020, the Regional Flood Control District Board approved an interlocal agreement that established funding allocations and the budget covering fiscal year 2020-2021 for the Las Vegas Wash (Wash) activities.

To continue the stabilization and enhancement of the Wash, the Southern Nevada Water Authority has completed a budget for capital construction and operation activities for fiscal year 2021-2022. Approval of this agreement will allocate the monetary resources necessary for the Wash operating expenses among the signatories to the agreement.

The District's share of the Interlocal Agreement will be \$89,273. The RFCD Attorney has reviewed the Agreement. There is sufficient funding in the Fiscal Year 2021-22 budget to support this request. Staff recommends approval of the Interlocal Agreement.

Respectfully submitted,


 Steven C. Parrish, P.E.
 General Manager/Chief Engineer

TAC AGENDA ITEM #12 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #12 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 05/17/2021
<p>ESTABLISH FUNDING ALLOCATIONS FOR THE OPERATING BUDGET FOR THE LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021-2022</p> <p>On June 11, 2020, the Regional Flood Control District Board approved an interlocal agreement that established funding allocations and the budget covering fiscal year 2020-2021 for the Las Vegas Wash (Wash) activities.</p> <p>To continue the stabilization and enhancement of the Wash, the Southern Nevada Water Authority has completed a budget for capital construction and operation activities for fiscal year 2021-2022. Approval of this agreement will allocate the monetary resources necessary for the Wash operating expenses among the signatories to the agreement.</p> <p>The District's share of the Interlocal Agreement will be \$89,273. The RFCDD Attorney has reviewed the Agreement. There is sufficient funding in the Fiscal Year 2021-22 budget to support this request. Staff recommends approval of the Interlocal Agreement.</p>	
Staff Recommendation:	
Approve.	
Discussion by Technical Advisory Committee:	AGENDA #12 Date: 05/27/2021
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA #12 Date: 05/27/2021
Recommendation:	

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021/2022

This Interlocal Agreement is entered into by the City of Henderson; the City of Las Vegas; the City of North Las Vegas; Clark County; the Clark County Regional Flood Control District; the Clark County Water Reclamation District; and the Southern Nevada Water Authority (“Authority”) comprised of Authority “Purveyor Members” (City of Henderson, City of North Las Vegas and the Las Vegas Valley Water District), and the Authority “Wastewater Discharge Members” (City of Henderson, City of Las Vegas, City of North Las Vegas and the Clark County Water Reclamation District) this _____ day of _____, 2021.

WHEREAS, Lake Mead and the Colorado River are the primary source of water for over two million residents of the metropolitan Las Vegas Valley and Laughlin, Nevada; and

WHEREAS, Lake Mead and the Colorado River are a significant source of water for millions of other residents in the Lower Colorado River Basin, including citizens of Arizona, California, and Mexico as well as members of several Native American Tribes; and

WHEREAS, the Las Vegas Wash is comprised of highly treated wastewater flows, urban runoff, shallow ground water, storm water flows, and other flows, all of which run through the single tributary from the urban Las Vegas Valley into Lake Mead; and

WHEREAS, concerns over erosion, water quality, the loss of wetlands, and other issues have made managing the Las Vegas Wash one of the highest environmental priorities for Southern Nevada; and

WHEREAS, the undersigned parties – along with other local, state, and federal entities – embarked on a water quality process in 1997 that included participation in the Lake Mead Water Quality Forum and the formation of a citizens advisory committee which studied various issues related to water quality in the Las Vegas Wash, Las Vegas Bay, and Lake Mead; and

WHEREAS, the citizens advisory committee developed a series of recommendations for protecting and improving water quality, one of which was to develop a comprehensive adaptive management plan for the Las Vegas Wash; and

WHEREAS, following the presentation of the citizen recommendations to the Lake Mead Water Quality Forum and their acceptance by the Authority Board of Directors in 1998, the undersigned parties participated in the Las Vegas Wash Coordination Committee (“LVWCC”), a committee comprised of 28 local, state, federal, environmental, and public representatives; and

WHEREAS, the LVWCC, over a 10-month period and with the support of over 100 staff from participating agencies, developed 44 recommended actions in nine study areas related to the Las Vegas Wash; and

WHEREAS, the LVWCC compiled the recommendations into the Las Vegas Wash Comprehensive Adaptive Management Plan (“LVWCAMP”), which was subsequently approved by the LVWCC in December 1999 and by the Authority Board of Directors in January 2000; and

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021/2022

WHEREAS, in July of 2000, a Sales Tax Allocation Cooperative Agreement was entered into by the Authority and the Wastewater Discharge Agencies represented by the City of Henderson, the City of Las Vegas and the Clark County Water Reclamation District; and

WHEREAS, that Sales Tax Allocation Cooperative Agreement provided that four percent (4%) of the gross revenue from the ¼ cent sales tax provided for by NRS Chapter 377B would be allocated to capital improvements and infrastructure needs in the Las Vegas Wash, and

WHEREAS, in June of 2002, the parties to this agreement entered into a Cooperative Agreement which recognized the LVWCAMP and established a basic understanding of the parties concerning implementation of the plan and their respective roles in that implementation through the Management Advisory Committee (MAC); and

WHEREAS, in November 2007, the parties to this agreement, along with the Clean Water Coalition, entered into an agreement that established the Las Vegas Valley Watershed Advisory Committee (LVVWAC). The LVVWAC assumed the responsibilities of the MAC and provided that the LVVWAC would continue implementation of the LVWCAMP, along with establishing a cohesive direction and integrated approach to addressing water quality issues in the Las Vegas Valley and Lake Mead; and

WHEREAS, the Authority has been designated as the lead agency to implement the LVWCAMP and has established a staff team to coordinate this effort; and

WHEREAS, a Workplan and estimated budget for the Las Vegas Wash construction and operation has been established by the Authority for fiscal year 2021/2022; and

WHEREAS, Authority Purveyor members will pay 40% of the total operating budget (or \$357,092) to be paid from the revenues derived from the water wholesale delivery charge; and

WHEREAS, all parties to this agreement desire to allocate the monetary responsibility for contribution to said capital and infrastructure budget as well as the parties' respective monetary contributions to the estimated Las Vegas Wash operating budget.

WHEREAS, pursuant to NRS 277.180, a political subdivision may enter into interlocal agreements with any one or more other public agencies to perform any governmental service, activity or undertaking which any of the individual governmental entities are authorized by law to perform.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the sufficiency of which is hereby acknowledged, the Southern Nevada Water Authority, City of Henderson, Clark County Water Reclamation District, City of Las Vegas, City of North Las Vegas, Clark County, and the Clark County Regional Flood Control District agree as follows:

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021/2022

Section 1: Capital Improvements Budget

It is agreed that the budget for capital improvements and associated activities for 2021/2022 are included in the Project Work Plan of the Amended Las Vegas Wash Capital Improvements Plan. The Project Work Plan includes funding for design and construction activities related to channel stabilization structures, revegetation of disturbed construction sites, flood repair, construction equipment rental, and construction materials transportation.

Funding for capital projects will come from monies generated from 4% of gross revenue from the quarter-cent sales tax, federal partners, and other available sources.

The Authority will require its contractors to indemnify, defend and hold harmless the Parties to this Agreement against any and all claims, causes of action, judgments, and/or fees arising out of the contractor's acts and/or omissions related to its performance of any contract for the Authority.

The Authority will also require its contractors to name each party to this Agreement as an additional insured on the contractor's insurance policy.

Section 2: Operating Budget

It is agreed by the parties hereto that the total operating budget for the Authority's Las Vegas Wash activities for fiscal year 2021/2022 is estimated to be \$1,204,631. It is anticipated that there will be federal funding from the Bureau of Reclamation available to augment the parties' contributions. Said federal funding is estimated to be approximately \$244,400. Additional grants from the Nevada Division of Environmental Protection are anticipated to augment the operating budget in the amount of \$67,500. This will leave \$892,731 of the total operating budget to be provided locally (referred to herein as the "local share"). Additionally, it is anticipated that the Authority's purveyor members will contribute \$357,093 or 40% of the local share; however, the purveyor members' contribution is not governed by this agreement. The parties hereto agree, therefore, that \$535,638 or 60% of the local share of the total operating budget must be paid by the parties hereto. Contained in Attachment A is the Work Plan and Operating Budget Narrative outlining the anticipated administration costs as well as programs and study costs for the 2021/2022 fiscal year.

Funding of Local Share: It is hereby agreed by the parties that the following allocation ratios and funding sources are established as binding for the purpose of funding the local share or \$892,731 of the total operating budget for the Las Vegas Wash for fiscal year 2021/2022:

- A. Authority Purveyor Members acknowledge that the Authority shall pay 40% (\$357,093) of the local share using revenues derived from the water wholesale delivery charges paid to the Authority by the Authority Purveyor Members.
- B. Authority "Wastewater Discharge Members" shall pay 40% (\$357,093) of the local share as follows:

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021/2022

- a. The City of Henderson, as a discharger, will be responsible for payment of 12.9% of the \$357,093 or \$46,065;
 - b. The Clark County Water Reclamation District will be responsible for 54.9% of the \$357,093 or \$196,044;
 - c. The City of Las Vegas will be responsible for 22.6% of the \$357,093 or \$80,703; and
 - d. The City of North Las Vegas will be responsible for 9.6% of the \$357,093 or \$34,281.
- C. Clark County will pay 10% of the local share (\$89,273).
- D. Clark County Regional Flood Control District will pay 10% of the local share (\$89,273).

Section 3: Payments

Payments will be made by the respective parties hereto as specified in Section 2 into a fund established specifically for the operations of the Las Vegas Wash projects for fiscal year 2021/2022 within 30 days of approval by all governmental bodies.

Section 4: Effective Date

This agreement becomes effective when the duplicate originals are executed and dated by all parties, realizing that each entity, by necessity, must approve and execute the subject document at different places and on different dates.

Section 5: Severability

Should any part of this agreement be rendered void, invalid, or unenforceable by any court of law for any reason, such determination shall not render void, invalid or unenforceable under any other part of this agreement.

Section 6: Governing Law

The laws of the State of Nevada will govern as to the interpretation, validity and effect of this agreement.

Section 7: Third Party Beneficiaries

This agreement is intended only to benefit the parties hereto and does not create any rights, benefits or causes of action for any other person, entity or member of the general public.

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021/2022

Section 8: One Time Agreement

It is specifically recognized and agreed by all parties hereto, that this agreement is not to be interpreted or constructed as establishing a precedent for any further agreement, covenant or commitment on the part of any party hereto and should be considered a stand-alone document without establishing any future obligations, other than as described herein, on the part of any party hereto.

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INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021/2022

SOUTHERN NEVADA WATER AUTHORITY

Marilyn Kirkpatrick, Chair

Approved as to form:

Approved on _____, by the Board of Directors
Southern Nevada Water Authority.

Steven C. Anderson, Deputy Council

Attest:

CITY OF LAS VEGAS

LuAnn D. Holmes, MMC, City Clerk

Carolyn G. Goodman, Mayor

Approved as to form:

Approved on _____, by the City Council
for the City of Las Vegas.

John S. Ridilla, Deputy City Attorney

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021/2022

CITY OF HENDERSON

Richard A. Derrick
City Manager/CEO

Approved on _____, by the
City Council for the City of Henderson.

ATTEST:

Approved as to funding:

Lisa M. Corrado, AICP
City Clerk

Jim McIntosh
Chief Financial Officer

Approved as to content:

Approved as to form:

Priscilla Howell
Director of Utility Services

Nicholas G. Vaskov
City Attorney

CAO
Review

Attest:

CITY OF NORTH LAS VEGAS

Catherine Raynor, MMC City Clerk

John J. Lee, Mayor

Approved as to form:

Approved on _____, by the City Council for the
City of North Las Vegas.

Micaela Rustia Moore, City Attorney

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021/2022

CLARK COUNTY WATER RECLAMATION DISTRICT

Tick Segerblom, Chairman

Approved as to form:

Approved on _____, by the Board of Trustees for the Clark County Water Reclamation District.

David J. Stoff, District General Counsel

Attest:

CLARK COUNTY

Lynn Goya, County Clerk

Marilyn Kirkpatrick, Chair

Approved as to form:

Approved on _____, by the Board of County Commissioners for Clark County (Parks & Recreation)

Steven Sweikert, Deputy District Attorney

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2021/2022

Attest:

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

Deanna M. Hughes, Board Secretary

Debra March, Chair

Approved as to form:

Approved on _____, by the Board of Directors for the Clark County Regional Flood Control District.

Christopher D. Figgins, Clark County Regional Flood Control District Legal Counsel

Attachment A
Work Plan and Operating Budget Narrative
FY 2021/2022

MATERIALS, SUPPLIES, EQUIPMENT – TOTAL \$61,360

Funding in the amount of \$61,360 is requested for general office support items including office supplies, printing, safety supplies, dues for professional organizations, and subscriptions/publications.

OFFICE LEASE – TOTAL \$54,740

Funding in the amount of \$54,740 is requested for the office space located at 100 City Parkway.

SALARIES AND BENEFITS – TOTAL \$638,830

Funding in the amount of \$638,830 is requested for salaries and benefits to support Las Vegas Wash Project Coordination Team staff.

RESEARCH AND STUDIES PROJECTS – TOTAL \$449,700
(LOCAL CONTRIBUTION \$137,800)

The total research and studies budget is \$449,700. Of this, the local contribution is \$137,800, with the remaining budget anticipated to come from federal and local grants. These projects include a variety of activities and studies to meet the tasks identified in the LVWCAMP and to meet state and federal environmental compliance requirements.

Budgeted Items	Amount
Materials, Supplies, Equipment	\$61,360
Office Lease	\$54,740
Salaries and Benefits	\$638,830
Research and Studies Projects	\$449,700
TOTAL FY 21/22 BUDGET	\$1,204,631
BUREAU OF RECLAMATION CONTRIBUTION	\$244,400
OTHER CONTRIBUTION/GRANTS	\$67,500
LOCAL CONTRIBUTION	\$892,731

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

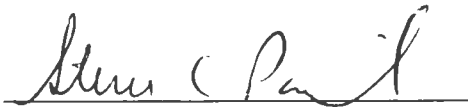
<p>SUBJECT:</p> <p>NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT COMPLIANCE FOR THE LAS VEGAS VALLEY – CONSULTANT AGREEMENT</p>
<p>PETITIONER:</p> <p>STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER</p>
<p>RECOMMENDATION OF PETITIONER:</p> <p>THAT THE BOARD APPROVE AND AUTHORIZE THE CHAIR TO SIGN THE CONSULTANT AGREEMENT WITH HDR ENGINEERING INC., FOR THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT COMPLIANCE FOR THE LAS VEGAS VALLEY (FOR POSSIBLE ACTION)</p>

FISCAL IMPACT: \$443,550

BACKGROUND:

The Las Vegas Valley stormwater dischargers (Permittees) have operated under a state issued National Pollutant Discharge Elimination System (NPDES) Permit since December 1990. The current permit was issued on February 9, 2010. On June 8, 2017, the Board authorized the District to solicit proposals, select a consultant, and negotiate a professional services agreement for consulting services to assist the Permittees in developing and implementing the stormwater program and negotiating a new permit with the Nevada Division of Environmental Protection (NDEP). It was determined that HDR Engineering, Inc. had the minimum qualifications to perform the required services and provided the best overall approach to implementing the program and permit. HDR Engineering, Inc. has capably and effectively represented the District for completion of compliance activities since the 2017-18 permit year. The 2021-22 fiscal year budget includes sufficient appropriations for this agreement, which is included in the backup. The RFCD Attorney has reviewed the agreement.

Respectfully submitted,


 Steven C. Parrish, P.E.
 General Manager/Chief Engineer

TAC AGENDA ITEM #13 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #13 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 05/17/2021
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT COMPLIANCE FOR THE LAS VEGAS VALLEY CONSULTANT AGREEMENT	
<p>The Las Vegas Valley stormwater dischargers (Permittees) have operated under a state issued National Pollutant Discharge Elimination System (NPDES) Permit since December 1990. The current permit was issued on February 9, 2010. On June 8, 2017, the Board authorized the District to solicit proposals, select a consultant, and negotiate a professional services agreement for consulting services to assist the Permittees in developing and implementing the stormwater program and negotiating a new permit with the Nevada Division of Environmental Protection (NDEP). It was determined that HDR Engineering, Inc. had the minimum qualifications to perform the required services and provided the best overall approach to implementing the program and permit. HDR Engineering, Inc. has capably and effectively represented the District for completion of compliance activities since the 2017-18 permit year. The 2021-22 fiscal year budget includes sufficient appropriations for this agreement, which is included in the backup.</p> <p>The RFCD Attorney has reviewed the agreement.</p>	
Staff Recommendation:	
Approve.	
Discussion by Technical Advisory Committee:	AGENDA #13 Date: 05/27/2021
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA #13 Date: 05/27/2021
Recommendation:	

**AGREEMENT FOR PROFESSIONAL SERVICES
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
AND
HDR ENGINEERING, INC.
LAS VEGAS VALLEY NATIONAL POLLUTANT DISCHARGE
ELIMINATION SYSTEM PERMIT**

THIS AGREEMENT is made and entered into this _____th day of _____, 2021 by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (hereinafter referred to as “DISTRICT”) and HDR ENGINEERING, INC. (hereinafter referred to as “CONSULTANT”), for the Las Vegas Valley National Pollutant Discharge Elimination System Permit (hereinafter referred to as the “PROJECT”).

WITNESSETH

WHEREAS, National Pollutant Discharge Elimination System (NPDES) Permit No. NV0021911 has been issued by the State of Nevada Division of Environmental Protection (NDEP) for the discharge of stormwater to Las Vegas Wash and its tributaries, and

WHEREAS, the DISTRICT is a co-permittee for this permit with the City of Las Vegas, the City of North Las Vegas, the City of Henderson and Clark County, and

WHEREAS, the NPDES Permit requires the permittees to provide additional technical and administrative information to NDEP by October 1, 2022 and at other times during the permit year; and

WHEREAS, the CONSULTANT is experienced and is knowledgeable in the completion of such works; and

WHEREAS, the CONSULTANT represents that it is properly registered and qualified in accordance with the Nevada Revised Statutes and has the personnel and facilities necessary to accomplish the PROJECT within the required time; and

WHEREAS, the parties desire to set forth the responsibilities, terms, and conditions of completing the PROJECT.

NOW, THEREFORE, in consideration of the premises and terms contained herein, the parties agree as follows:

Section I
RESPONSIBILITY OF CONSULTANT

- A. The CONSULTANT shall be responsible for the professional quality, technical accuracy, timely completion, and coordination of all services furnished by the CONSULTANT, its subcontractors and subconsultants and their principals, officers, employees, and agents under this AGREEMENT. In performing the specified services, the CONSULTANT shall follow practices consistent with generally accepted current professional and technical engineering standards.
- B. It shall be the duty of CONSULTANT to assure that all work products are technically sound and in conformance with all pertinent and current federal, State, and local statutes, codes ordinances and resolutions. If, during the term of this AGREEMENT, there are any changes or new laws, ordinances, statutes, rules or regulations not known or foreseeable at the time of signing this AGREEMENT which become effective and which affect the cost or time of performance of the AGREEMENT, the CONSULTANT shall immediately notify DISTRICT in writing and submit detailed documentation of such effect in terms of both time and cost of performing the AGREEMENT. Upon concurrence by DISTRICT as to the effect of such changes, adjustment in time of performance and/or compensation for an increase or decrease in labor, materials, and equipment directly required to be in compliance will be made in writing. Except for an extension of time, no payment or compensation of any kind shall be made to CONSULTANT for damages caused by such changes or new laws, ordinances, statutes, rules or regulations, including, but not limited to, those which may arise due to delay, disruption, acceleration, or inefficiency. If any discrepancy or inconsistency should be discovered between this AGREEMENT and any law, ordinance, regulation, order, or

decree, CONSULTANT shall immediately report the same in writing to the DISTRICT, who will issue such instruction as may be necessary. The CONSULTANT shall, without additional compensation, correct or revise any negligent acts, errors or deficiencies in its recommended plans, policies, designs, drawings, and other sections of the PROJECT. It is also understood and agreed by both parties that if any variation in measurements, calculations, or observations of a quantity due to mistakes, hereinafter referred to as "erroneous work" is found, the CONSULTANT will expeditiously perform the necessary work, at no expense to the DISTRICT, to correct the erroneous work. The reviewing process by the DISTRICT during the progress of the PROJECT will not relieve the CONSULTANT's obligation for erroneous work in the preparation of the different sections of the PROJECT. Any revisions or updates of the PROJECT after submittal would be considered outside the scope of services for this AGREEMENT.

- C. The CONSULTANT will be responsible for holding monthly progress meetings with the DISTRICT. Minutes of these meetings and a summary of the PROJECT status will be submitted by the CONSULTANT to the DISTRICT monthly.
- D. It is agreed that any and all documents prepared and submitted by the CONSULTANT to the DISTRICT, and all information required of the CONSULTANT by the AGREEMENT, become the property of the DISTRICT. The CONSULTANT may retain copies and reproducible copies of all documents produced as a result of the PROJECT. In the event of the termination of the AGREEMENT, all documents produced shall be and become the property of the DISTRICT. The CONSULTANT agrees to surrender all such documents to the DISTRICT within ten (10) business days.
- E. The CONSULTANT agrees that its officers and employees will cooperate with the DISTRICT in the performance of services under this AGREEMENT and will be available for consultation with the DISTRICT at such reasonable times and with advance notice so as to not conflict with their other responsibilities.
- F. The rights and remedies of the DISTRICT provided for under this section are in addition to any other rights and remedies provided by law or under other sections of the AGREEMENT.

Section II

DISTRICT'S RESPONSIBILITY

- A. The DISTRICT agrees that its officers and employees will cooperate with CONSULTANT in performance of services under this AGREEMENT and will be available for consultation with CONSULTANT at such reasonable times with advance notice as to not conflict with their other responsibilities.
- B. The services performed by CONSULTANT under this AGREEMENT shall be subject to review and approval by the DISTRICT's General Manager. The DISTRICT's General Manager may delegate any or all of the General Manager's responsibilities under this AGREEMENT to appropriate staff members, and shall so inform CONSULTANT by written notice before the effective date of each such delegation.
- C. The services to be performed by the CONSULTANT under this AGREEMENT shall be subject to periodic review by the DISTRICT's General Manager. The review comments of the DISTRICT's General Manager shall be reported in writing to the CONSULTANT by the DISTRICT's General Manager or his designee. To prevent an unreasonable delay in the CONSULTANT's work, the DISTRICT's General Manager will endeavor to examine all documents and will make authorizations in writing to the CONSULTANT to proceed with work within 10 working days of receipt of such documents. It is understood that the DISTRICT's representative review comments do not relieve the CONSULTANT from the responsibility for professional and technical accuracy of all work delivered under this AGREEMENT.
- D. DISTRICT shall, without charge, furnish to or make available for examination or use by the CONSULTANT as it may request, any relevant data which the DISTRICT has available, including as examples only and not as a limitation:
 - 1. Copies of reports, maps, plans, surveys, records, and other documents pertinent to flooding, flood control facilities, public properties, property developments, and other physical features related to the PROJECT.

2. Copies of previously prepared reports, publications, design hydrologic and hydraulic data, flooding information, flooding data, rainfall/runoff data, representative local drainage requirements (i.e., subdivision, planning and zoning regulations, ordinances, codes criteria, and special agreements or procedures), analyses, computation manuals, computer programs, other documents and information related to the PROJECT, and services specified by this AGREEMENT. CONSULTANT shall return original data provided by the DISTRICT at the DISTRICT's request within ten (10) calendar days.
- E. Upon written request from the CONSULTANT, the DISTRICT shall reasonably assist CONSULTANT in obtaining data and documents from public officers or agencies and from private citizens and business firms whenever the DISTRICT determines that such material is necessary for the completion of the services specified by the AGREEMENT. DISTRICT shall provide the CONSULTANT with a list of names of individuals, agencies, or any other parties that should receive written communication related to the PROJECT from the CONSULTANT.
 - F. CONSULTANT will not be responsible for accuracy of information or data supplied by the DISTRICT or other sources, but will use such data to the extent such information or data would be relied upon by a reasonable prudent professional person in the engineering field.

Section III

CONSULTANT SERVICES

- A. The CONSULTANT shall perform Task 1 through Task 6 including services discussed in the "Basic Services" as specified in Exhibit A (the Scope of Services), which is attached hereto, and by this reference made a part of this AGREEMENT. Exhibit B, the Project Study Area, and Exhibit C, the Project Time Schedule, are attached hereto and by this reference are also made a part of this AGREEMENT.
- B. The DISTRICT may at any time, by written order, make changes within the general scope of this AGREEMENT and in the services or work to be performed by the

CONSULTANT. If such changes cause an increase or decrease in the CONSULTANT's cost or time required for performance of any services under this AGREEMENT, an equitable adjustment shall be made and this AGREEMENT shall be modified in writing accordingly. Any claim of the CONSULTANT for adjustment under this clause must be asserted in writing within 30 days from the date of receipt by the CONSULTANT of notification of changes unless the DISTRICT grants a further period of time before the date of final payment under this AGREEMENT.

- C. No services for which any additional compensation will be charged by the CONSULTANT shall be furnished without the written authorization of the DISTRICT.

Section IV

COMPENSATION AND TERMS OF PAYMENT

- A. Once each month, the DISTRICT shall pay the CONSULTANT for services performed under Section III – Consultant Services. Invoices are prepared and submitted on a monthly basis and are due upon receipt. Payment is past due thirty (30) days from the invoice date. In the event the DISTRICT fails to make any payments, the CONSULTANT may cease work immediately until payment for the invoice and service charge is made. An additional charge at the rate of 1 ½ percent per month will be charged against invoices that are past due.
- B. Compensation and Method of Payment for Engineering Services are:
 - 1. The DISTRICT shall pay the CONSULTANT on a time and materials basis under the CONSULTANT'S Fee Schedule, which is attached hereto as Exhibit D and by this reference made a part of this AGREEMENT.
 - 2. The maximum cost to the DISTRICT for Basic Services Task 1 through Task 6 including services discussed in Project Description accomplished under this AGREEMENT shall not exceed Four Hundred Forty-Three Thousand Five Hundred Fifty Dollars and zero cents (\$443,550) unless the DISTRICT receives a written request, with justification, and the DISTRICT approves a change in the SCOPE OF SERVICES and an increase in compensation. If approved, a

supplement to this AGREEMENT must be executed. The maximum cost is based on a detailed breakdown of the estimated cost by tasks, and direct costs is shown on Exhibit E – Estimated Cost By Tasks, which is attached hereto, and by this reference made a part of this AGREEMENT. The estimated cost figures, per task, presented in Exhibit E may, with the written approval from the DISTRICT, be adjusted from task to task so long as the total amount does not exceed Four Hundred Forty-Three Thousand Five Hundred Fifty Dollars and zero cents (\$443,550). Payments will be made to the CONSULTANT on a monthly basis upon receipt of a progress report and itemized invoices for work accomplished.

3. The total amount of this AGREEMENT shall not exceed Four Hundred Forty-Three Thousand Five Hundred Fifty Dollars and zero cents (\$443,550), unless approved by the DISTRICT in writing and a supplement to this AGREEMENT is executed by the parties.

Section V

TIME AND PERFORMANCE

- A. The Project Time Schedule for work under this AGREEMENT is attached as Exhibit C and by this reference made a part of this AGREEMENT. The CONSULTANT will perform the work in accordance with said Project Time Schedule and will provide the DISTRICT's representative a progress report monthly in conjunction with the monthly invoice.

Work shall begin immediately upon receipt by the CONSULTANT of the Notice to Proceed by General Manager or his designee. All work necessary to prepare the PROJECT deliverables for submittal to the DISTRICT for review and publication shall be completed 457 calendar days from Notice to Proceed.

- B. The DISTRICT and CONSULTANT recognize the scope of work as detailed in Exhibit A – Scope of Services and as outlined in Exhibit C – Project Time Schedule can be

altered by unforeseen events that may occur. Therefore, a supplement to this AGREEMENT will be prepared, negotiated, and executed when the CONSULTANT establishes, and the DISTRICT agrees, that there has been, or is to be a significant change, including but not limited to:

1. Scope, complexity, or character of the services to be performed such as additional meetings and coordination over those identified in Exhibit A, analysis of additional alternatives, or preparation of additional reports.
 2. Conditions under which the work is required to be performed, such as a change in standards or a change in available base data that would require additional work.
 3. Duration of work if the time period for completion of the work warrants such adjustment.
- C. An alteration required by the DISTRICT that results in changes in the scope of work will also be specified in a supplemental AGREEMENT that will set forth the nature and scope thereof and payment therefore.
- D. Neither party shall be considered in default in the performance of its obligations hereunder, or any of them, to the extent that performance of such obligations, or any of them is prevented or delayed by any cause, existing or future, which is beyond the reasonable control of such party. Delays arising from the actions or inactions of one or more of the CONSULTANT's principals, officers, employees, agents, subcontractors, subconsultants, vendors, or suppliers are expressly recognized to be within the CONSULTANT's control.
- E. This AGREEMENT shall begin on July 1, 2021 and terminate on October 1, 2022 unless it is extended before the termination date with the mutual written consent of both parties or earlier terminated pursuant to Section VI.

Section VI
MISCELLANEOUS PROVISIONS

- A. The CONSULTANT and its subconsultant(s) shall maintain all books, documents, papers, accounting reports, and other evidence pertaining to costs incurred and/or work performed and that such evidence shall be made available for inspection by the DISTRICT at all reasonable times during the AGREEMENT period for three (3) years from the date of final payment.
- B. The DISTRICT's General Manager has the right to terminate this AGREEMENT upon seven (7) days written notice to the CONSULTANT. This AGREEMENT may also be terminated by either party upon seven (7) calendar days written notice and a reasonable opportunity to cure in the event of substantial failure to perform in accordance with the terms hereof by the one party through no fault of the other party. If said termination occurs prior to completion of the PROJECT, the CONSULTANT shall deliver to the DISTRICT all documents, calculations, and all other work performed whether complete or incomplete. Thereafter, the DISTRICT will reimburse the CONSULTANT for all services performed prior to such notice, provided the services performed are satisfactory to the DISTRICT. Termination shall be by written notice, which will be sent by certified mail or hand delivered. Such notice will be deemed effective after the third business day of the mailing post date, or hand delivered, in which case such notice will be deemed effective upon receipt of the written termination to the CONSULTANT or the DISTRICT.
- C. CONSULTANT agrees to indemnify and hold harmless the DISTRICT and all the officers, employees and agents of the DISTRICT, and each of them, from and against any liabilities, damages, losses, claims, actions or proceedings, including, without limitation, reasonable attorneys' fees and costs, to the extent such liabilities, damages, losses, claims, actions or proceedings to the extent that are caused by the negligent acts, errors, omissions, recklessness or intentional misconduct of the CONSULTANT, CONSULTANT's employees and/or agents, in the performance of this AGREEMENT.

If the CONSULTANT is adjudicated to be liable by a trier of fact, the trier of fact shall award reasonable attorney's fees and costs to be paid to the DISTRICT, as reimbursement for the attorney's fees and costs incurred by the DISTRICT in defending the action, by the CONSULTANT in an amount which is proportionate to the liability of the CONSULTANT.

CONSULTANT further agrees to defend the DISTRICT and all the officers, employees and agents of the DISTRICT, and each of them, from and against any and all liabilities, damages, losses, claims, actions or proceedings to the extent caused by the negligent acts, errors, omissions, recklessness or intentional misconduct of the CONSULTANT, and CONSULTANT's employees and/or agents, in the performance of this AGREEMENT when said liabilities, negligence, errors, omissions, recklessness or intentional misconduct are not based upon or arising out of the professional services performed under this AGREEMENT.

CONSULTANT will not be required to defend, indemnify or hold harmless the public body or the employees, officers or agents of the DISTRICT from any liability, damage, loss, claim, action or proceeding caused by the negligence, errors, omissions, recklessness or intentional misconduct of the employees, officers or agents of the DISTRICT.

- D. During the life of this AGREEMENT, the CONSULTANT shall not engage the services of any person or persons who are currently employed by the DISTRICT without the DISTRICT's prior approval.
- E. The CONSULTANT shall at all times maintain control over and have complete responsibility for all work performed under the AGREEMENT. Any attempted assignment of rights or delegation of duties under this AGREEMENT, without the written consent of the DISTRICT, shall be void.
- F. The CONSULTANT shall submit for review and documentation purposes copies of all subconsultant agreements.

- G. The CONSULTANT shall place his professional engineer stamp on the final Submittal substantiating that the work has been accomplished under the direct supervision of a professional engineer and in accordance with acceptable professional standards.
- H. The CONSULTANT, at his own expense, shall obtain and maintain, for the duration of the AGREEMENT, insurance against claims for injuries to persons or damages to property or other losses which may arise from or in connection with CONSULTANT's sole negligence or fault in the performance of work hereunder of the CONSULTANT, his agents, representatives, employees, or subcontractors of any tier.

The CONSULTANT will provide the DISTRICT with certificates of insurance for coverage as listed below and endorsements, establishing coverage required by the AGREEMENT within ten (10) calendar days after approval of this AGREEMENT by the DISTRICT's Board. The certificate of endorsements for each insurance policy are to be signed by a person authorized by the insurer and licensed by the State of Nevada.

The CONSULTANT will:

1. Maintain commercial general liability coverage at limits of no less than \$1,000,000 combined single limit per occurrence and \$1,000,000 annual aggregate for bodily injury (including death), personal injury and property damages. The coverage shall be on an "occurrence" basis only and not on a "claims made" basis; and the coverage must be provided on ISO commercial liability or on ISO broad form comprehensive general liability forms with no exceptions to the coverage for bodily injury, personal injury, broad form property damages, premises operations, severability of interest, products and completed operations, contractual and independent contractors. The DISTRICT, its officers, and employees must be expressly covered as additional insureds.
2. Maintain automobile coverage at limits of no less than \$1,000,000 combined single limit "per accident" for bodily injury and property damage for all owned automobiles, non-owned automobiles, hired automobiles, or any automobile.

The DISTRICT, its officers, and employees, and volunteers must be expressly covered as additional insureds.

3. Maintain professional liability insurance at limits of no less than \$1,000,000 per claim and \$1,000,000 annual aggregate to insure against claims for losses arising out of the services rendered by the CONSULTANT, its agents, representatives, or employees pursuant to the CONSULTANT's AGREEMENT with the DISTRICT. "Claims made" insurance coverage will continue for a period of three (3) years beyond the term of the AGREEMENT. Any retroactive date must coincide with or predate the date of the AGREEMENT and may not be advanced without the DISTRICT's consent. The CONSULTANT's professional liability insurance must provide coverage for the CONSULTANT's subcontractor if the subcontractor does not maintain professional liability insurance in the same amounts and manner as required for the CONSULTANT.

All deductibles and self-insured retention shall be fully disclosed in the certificate of insurance. No deductible of self-insured retention may exceed \$250,000 for commercial general liability, \$250 for automobile, or \$250,000 for professional liability without the written approval of the DISTRICT. If aggregate limits are imposed on bodily injury and property damage, then the amount of such limits must not be less than twice the amount of the limits required herein. All aggregate must be fully disclosed and the amount entered on the required certificate of insurance. Any notice given to the CONSULTANT with respect to exhaustion of limits of insurance shall also be sent to the DISTRICT. The adequacy of the insurance supplied by the CONSULTANT, including the rating and financial health of each insurance company providing coverage, is subject to the approval of the DISTRICT.

4. Maintain Nevada Industrial Insurance and Occupational Disease Acts; such insurance will protect it and the DISTRICT from claims made by the CONSULTANT due to work-related injuries.

5. The CONSULTANT's insurance shall be primary in respect to the DISTRICT, its officers, employees, and volunteers.

The insurance requirements specified herein do not relieve the CONSULTANT of its responsibility or limit the amount of its liability to the DISTRICT or other persons, and the CONSULTANT is encouraged to purchase such additional insurance as it deems necessary.

6. The insurance certificate supplied by the CONSULTANT must provide for a 30-day notice to the DISTRICT before the implementation of a proposal to cancel the required insurance coverage. This notice requirement does not waive the insurance requirements contained herein. In addition, CONSULTANT shall notify DISTRICT within thirty (30) days of any reduction in coverage or limits.
7. If the CONSULTANT fails to maintain any of the insurance coverage required herein, then the DISTRICT will have the option to either terminate the AGREEMENT; declare the CONSULTANT in breach; purchase replacement insurance; or pay the premiums that are due on existing policies in order that the required coverage may be maintained. The CONSULTANT is responsible for any expenses paid by the DISTRICT to maintain such insurance, and the DISTRICT may collect the same from the CONSULTANT or deduct the amount paid from any sums due the CONSULTANT under this AGREEMENT.
8. The CONSULTANT shall obtain the required insurance prior to commencement of services being performed.

I. Project Staffing

CONSULTANT shall provide the DISTRICT with a list of CONSULTANT's employees who will be performing work on the PROJECT. This list shall indicate the employee's name, classification, and hourly billing rate. This list will be used by the DISTRICT in reviewing and evaluating changes as a result of CONSULTANT's fiscal year increases (decreases).

J. Governing Law

Nevada law shall govern the interpretation of this AGREEMENT.

K. Notice

Any notice required to be given hereunder shall be deemed to have been given when received by the party to whom it is directed by personal service, hand delivery, or U.S. mail at the following addresses:

To DISTRICT: Clark County Regional Flood Control District
600 Grand Central Parkway, Suite 300
Las Vegas, Nevada 89106
Attention: John Tennert
Environmental Mitigation Manager

To CONSULTANT: HDR Engineering, Inc.
6750 Via Austi Parkway, Suite 350
Las Vegas, NV 89119
Attention: Angela MacKinnon, PE, PMP, CPSWQ
Project Manager

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IN WITNESS WHEREOF, the parties have caused this AGREEMENT to be executed the day and year first above written.

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

By: _____ Date: _____
DEBRA MARCH, Chair

HDR ENGINEERING, INC.

By: _____ Date: _____
Craig Smart, PE
Associate Vice President

ATTEST:

By: _____ Date: _____
Deanna Hughes
Secretary to the Board

APPROVED AS TO LEGALITY ONLY:

By: _____ Date: _____
Christopher Figgins
RFCF Attorney

EXHIBIT A

SCOPE OF SERVICES

LAS VEGAS VALLEY NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

HDR ENGINEERING, INC. (CONSULTANT)

Task 1 – Dry Weather Monitoring

- a) Dry Weather Monitoring. Consultant will coordinate with the Southern Nevada Water Authority (SNWA) regarding dry weather monitoring. Sample collection, laboratory analysis and data interpretation will be performed by SNWA as part of the Urban Tributary Water Quality Monitoring Program. Consultant will integrate the results of the Urban Tributary Program with the requirements of the NPDES stormwater permit.
- b) Dry Weather Monitoring Report. Consultant will prepare a section for the Annual Report summarizing the findings of the dry weather characterization monitoring program. This report section will compare dry weather water quality data to that collected in previous years and will identify sources of dry weather flows to the extent practical. It will also document other dry weather flow monitoring activities in the Las Vegas Valley conducted by other agencies.

Task 2 – Wet Weather Monitoring

- a) Monitoring Plan. Consultant will prepare a wet weather monitoring plan annually, based on the latest Las Vegas Valley wet weather monitoring program and the results of the analyses from previous years. It is assumed that automated samplers at or near the existing sites will be used. The final plan will be submitted to the Nevada Division of Environmental Protection (NDEP) for approval.
- b) Stormwater Monitoring Equipment. Consultant, with cooperation from District staff, will inspect the District-owned automated sampling equipment on a routine basis and replace minor equipment elements (e.g., batteries, hoses, bottles) as necessary due to damage or vandalism. Monitoring stations will be relocated if necessary to accommodate construction in the channels.
- c) Sample Collection. Wet weather characterization monitoring activities will consist of collecting samples from various storms at 2 sites on the Las Vegas Wash. Additional samples may be collected at these two sites or at new sites if directed by the District and if budget is available. Activities in this task may include collecting and preparing composite samples from the automated samplers, as well as collecting manual grab samples for certain constituents (e.g., bacteria). Samples will be prepared properly and shipped to the laboratory(s) in accordance with the adopted Quality Assurance Program. Coordination with other agencies performing similar collection activities will be encouraged to minimize duplication of efforts and consistency among sampling results.

- d) Wet Weather Monitoring Report. Consultant will prepare a task report summarizing the results of the wet weather monitoring program. This will include an evaluation of the sampling results, and recommendations for modifications to the program in subsequent years. Results will be compared to those of previous years and those from other parts of the country and will be reported as a section of the Annual Report.

Task 3 – Annual and Quarterly Reporting

- a) Quarterly Reports. Consultant will assist in the preparation of quarterly reports for submission to the Stormwater Quality Management Committee (SQMC) summarizing progress made in permit compliance during the previous quarter.
- b) Draft Annual Report. Consultant will prepare a draft Annual Report, incorporating the individual task reports described above. This will meet the annual reporting requirements for the stormwater discharge permit and will include any proposed changes to the current stormwater management or monitoring plans.
- c) Final Annual Report. Consultant will incorporate comments on the Draft Annual Report from the Permittees and other reviewers and prepare a Final Annual Report ready for submittal to NDEP.

Task 4 – Stormwater Quality Management Committee and Related Activities

- a) Meeting Organization. Consultant will assist in organizing SQMC meetings and other meetings as directed by the District. This may include preparation and distribution of agendas and meeting minutes.
- b) Permittee Assistance. Consultant will provide general assistance and consultation to the Permittees in meeting their obligations under the NPDES stormwater discharge permit and in dealing with general stormwater quality issues in the Las Vegas Valley.

Task 5 – Negotiation of New Permit and Update of the Stormwater Management Plan (SWMP)

- a) Consultant will assist the District and the Permittees in negotiating the new NPDES permit for the Las Vegas Valley with NDEP. Assistance may consist of supporting SQMC and other meetings and technical studies to support decisions related to potential permit provisions.
- b) Consultant will prepare any necessary updates to the SWMP as required by the negotiated permit. The SWMP provides a framework for overall compliance with the municipal stormwater permit and NPDES permit. Draft SWMP revisions will be developed in close coordination with the Permittees and other outside stakeholders.

Consultant will prepare the following SWMP report deliverables:

- i) Working Draft for use by the Permittees
 - ii) Review Draft for submission to NDEP and local agencies
 - iii) Draft for review by stakeholders and elected officials
 - iv) Final Draft for submission to NDEP and the Permittees
- c) Consultant will update ongoing technical studies required to support preparation of the SWMP, and conduct new studies and prepare technical reports if required. Results of technical studies will be summarized in technical memoranda.
- d) Consultant will assist the Permittees in obtaining input on draft versions of the SWMP from other local agencies, the general public, and other interested stakeholders. Local agencies may include the SNWA, Southern Nevada Health District, Southern Nevada Homebuilders Association, and others.

Task 6 – Implementation of Effective Stormwater Management Plan

Consultant will conduct specific activities required by the August 2011 Storm Water Management Plan and addenda and updates, and permit as described below:

- a) Legal authority. Assist the Permittees in addressing deficiencies in legal authority to implement aspects of applicable stormwater ordinances and regulations. Research ordinances adopted by other municipalities to address applicable stormwater issues. Consultant will assist with information exchange though will not be providing legal advice.
- b) Stormwater System Maps. Update stormwater system map based on construction of new facilities and new development.
- c) Monitoring Program. Review and analyze new data collected under Tasks 1 and 2. Update the monitoring program (sampling locations, frequency, methods, constituents) for wet and dry weather water quality characterization and other monitoring activities to support BMP evaluations or target problem issues as necessary and funded.
- d) Public outreach and education. Provide general support to public outreach and education activities conducted by the District and the Permittees and provide input to and review of public outreach and education materials such as videos, brochures, flyer, and website material.
- e) Structural and source control measures. Work with the Permittees to implement standardized tracking/reporting procedures for street sweeping and maintenance of catch basins, inlets, storm drains and channels, participate in workgroup meetings as necessary and perform studies and designs as directed and budgeted.
- f) Illicit discharge detection and elimination program. Consultant will assist Permittees as requested to train municipal maintenance staffs to identify and report potential stormwater quality problems in the field during their normal work activities as needed. As requested, Consultant may also assist Permittees in conducting semi-annual inspections of channels

and detention basins and assemble and summarize semi-annual inspections reports prepared by the Permittees.

- g) Industrial facility monitoring and control program. Consultant will provide an updated map and database of industrial facilities covered by the NPDES permit, including municipal landfills; hazardous waste treatment, disposal and recovery facilities; SARA Section 313, Title III facilities; and industrial facilities that the Permittees have determined could contribute substantial pollutant loads to the MS4 system as identified by the Permittees. Consultant will also assist the Permittees in developing materials for training programs, developing criteria used to identify industrial sites that could contribute a substantial pollutant load to the MS4, summarize potential industrial site problem areas and report on industrial site inspection activities conducted by the Permittees.
- h) Construction site BMP program. Consultant will report on construction site inspection activities (reports, database) conducted by the Permittees, assist with the preparation of contractor education and training materials and assist the Permittees in implementing an ongoing contractor training program.
- i) New Development and Significant Redevelopment Analysis and Pollutant Tracking. Consultant will prepare a GIS analysis depicting areas of new development and significant redevelopment for inclusion in the Annual Report. Consultant will also track new development compared to the water quality capture volume (WQCV) obtained from the water quality features in new and modified detention basins in the Las Vegas Valley pursuant to Technical Memorandum IV.16 Strategic Plan for the Use of Regional Detention Basins for Water Quality Management.
- j) General services. Consultant will perform any other research or studies as directed and funded by the District to support implementation of the SWMP activities.

EXHIBIT B

PROJECT STUDY AREA

The basic project study area consists of all of Las Vegas Valley upstream of Lake Mead, including the Cities of Las Vegas, North Las Vegas and Henderson and portions of Unincorporated Clark County.

EXHIBIT C

PROJECT TIME SCHEDULE

Task 1 – Dry Weather Monitoring	July 1, 2021 – June 30, 2022
Task 2 – Wet Weather Monitoring	July 1, 2021 – June 30, 2022
Task 3 – Annual and Quarterly Reporting	July 1, 2021 – October 1, 2022
Task 4 – SQMC and Related Activities	July 1, 2021 – June 30, 2022
Task 5 – Negotiation of New Permit/ SWMP	July 1, 2021 – June 30, 2022
Task 6 – Implementation of Effective SWMP	July 1, 2021 – June 30, 2022

EXHIBIT D

CONSULTANT'S FEE SCHEDULE

Classification	HOURLY SALARY RANGES
Principal/Senior Technical Advisor	\$70.00 to \$88.00
Technical Advisor	\$50.00 to \$88.00
Senior Project Manager	\$45.00 to \$84.00
Project Manager	\$35.00 to \$65.00
Supervising Professional/Task Leader	\$35.00 to \$60.00
Senior Professional	\$30.00 to \$50.00
Professional II	\$25.00 to \$40.00
Professional I	\$15.00 to \$35.00
Project Controller	\$15.00 to \$40.00
Administrative Assistant	\$13.00 to \$35.00

The above hourly rates shall be multiplied by 3.3 which includes Salary Cost, Overhead and a Fixed Fee. Actual cost of outside, expenses, and subconsultant services will be charged at actual cost plus 10% service charge. Mileage will be billed at the Federal rate.

EXHIBIT E
ESTIMATE COSTS BY TASKS

BASIC SERVICES

Task 1 – Dry Weather Monitoring	\$ 7,815.00
Task 2 – Wet Weather Monitoring	\$118,391.00
Task 3 – Annual and Quarterly Reporting	\$ 35,222.00
Task 4 – Stormwater Quality Management Committee and Related Activities	\$ 32,137.00
Task 5 – Negotiation of New Permit and Update of the Stormwater Management Plan	\$139,691.00
Task 6 – Implementation of Effective Stormwater Management Plan	<u>\$110,294.00</u>
SUBTOTAL – BASIC SERVICES	\$443,550.00
TOTAL SERVICES	<u>\$443,550.00</u>

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

<p>SUBJECT:</p> <p>DISCUSSION AND POSSIBLE ACTION TO APPROVE THE PRIORITIZATION OF PROJECTS, TEN-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 2021-2022 PROJECT LIST</p>
<p>PETITIONER:</p> <p>STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER</p>
<p>RECOMMENDATION OF PETITIONER:</p> <p>ADOPT THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 2021-2022 PROJECT LIST AND TAKE ANY ACTION DEEMED APPROPRIATE (FOR POSSIBLE ACTION)</p>

FISCAL IMPACT: Approval does not commit the District to provide funding. Funding will be committed by interlocal contract in accordance with District Policies and Procedures.

BACKGROUND: The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 11, 2020, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2020-2021 Project List.

The District has utilized a third party financial advisor to provide growth estimates of future revenue and inflation. The TYCP incorporates these economic growth estimates. Based on actual sales tax receipts through December 2020, sales tax revenue for fiscal year 2020-21 were revised upward by 4.1% to \$108,650,000 from the original projection of \$104,351,000. The TYCP also includes inflation factors, developed by District staff, to account for increases in construction, design and right-of-way costs over time.

TAC AGENDA ITEM #14 Date: 05/27/2021	TAC AGENDA ITEM #07 Date: 04/29/2021	TAC AGENDA ITEM #09 Date: 03/25/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #14 Date: 05/27/2021	CAC AGENDA ITEM #07 Date: 05/03/2021	CAC AGENDA ITEM #09 Date: 03/29/2021	

In 2018 master plan updates (MPU's) were completed for the Las Vegas Valley and Boulder City planning areas. Project and facility cost data were updated to reflect the most current construction costs available. The updated cost data was included in the 2018 MPU's and will be incorporated into the FY 2021-22 TYCP.

The following revenue growth projections and inflation factors are incorporated into the TYCP:

	FY 20/21	FY 21/22 Yr-1	FY 22/23 Yr-2	FY 23/24 Yr-3	FY 24/25 Yr-4	FY 25/26 Yr-5	FY 26/27 Yr-6	FY 27/28 Yr-7	FY 28/29 Yr-8	FY 29/30 Yr-9	FY 30/31 Yr-10
Revenue	Base	4.83%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Inflation	Previous	2.0%	2.0%	2.0%	2.0%	2.0%	3.0%	3.0%	3.0%	3.0%	3.0%

Total estimated new resources for the FY 2021-22 TYCP are \$787,988,311, which is a 14.0% increase from estimated resources for the FY 2020-21 TYCP of \$691,148,096. In addition to using sales tax revenues to fund projects, the District uses debt financing to expedite the construction of projects. In each of fiscal years 2023-24, 2026-27 and 2029-30, \$100 million in bonds are programmed. Total estimated resources including unencumbered resources from previous years for the FY 2021-22 TYCP are approximately \$863.6 million or 7% over the total estimated resources for the FY 2020-21 TYCP of \$807.6 million. Year-1 resources for FY 2021-22 are approximately \$136.2 million.

Every five years the Las Vegas Valley Master Plan is updated in accordance with NRS 543. Estimated costs of proposed facilities on the master plan are reviewed and revised as necessary to reflect current economic conditions. The most recent update was adopted by Board of Directors on January 10, 2019. Upon adoption of the Las Vegas Valley Master Plan Update (LVVMPU), calculations are performed utilizing the estimated costs of proposed facilities from all of the master plans to determine the percentage of available revenue for each entity to program against in the TYCP.

The percentage calculations use the cost of master plan facilities remaining to be built for each entity divided by the total cost for all of the facilities remaining to be built. By doing this, the entities with the largest inventory of facilities remaining to be built will get a larger prorated share of the revenues to program against. The calculated percentages are as follows: Henderson 7.11%; Las Vegas 36.10%; North Las Vegas 24.19%; Clark County 28.20%; Boulder City 1.60% and Mesquite 2.79%.

TAC AGENDA ITEM #14 Date: 05/27/2021	TAC AGENDA ITEM #07 Date: 04/29/2021	TAC AGENDA ITEM #09 Date: 03/25/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #14 Date: 05/27/2021	CAC AGENDA ITEM #07 Date: 05/03/2021	CAC AGENDA ITEM #09 Date: 03/29/2021	

The following exhibits are attached:

Memorandum dated March 25, 2021 – Details recommendations for cost inflation factors.


Exhibit A – Programming Percentages. This exhibit reflects proportionate shares by planning area and programming entity based on District revenues spent and the estimated cost of remaining facilities as of adoption of the 2018 Las Vegas Valley MPU.

Exhibit B – Project Prioritization. This is the project priority calculation sheet submitted by the entities for FY 2020-21. New project descriptions and ID-Mile groups are required if new projects are proposed.

Exhibit C – Current Ten-Year Construction Program. This exhibit is based on the current Ten-Year Construction Program with modifications to reflect amendments to the program over the past year and funding encumbered by interlocal contract (black with white text) as of March TAC/April Board 2021.

Exhibit D – Fiscal Year 2021-2022 Project List. This is a summary of projects eligible for funding in the first year from Exhibit C in accordance with Section II.B.9 of the District’s Policies and Procedures.

Respectfully submitted,



Steven C. Parrish, P.E.
General Manager/Chief Engineer

TAC AGENDA ITEM #14 Date: 05/27/2021	TAC AGENDA ITEM #07 Date: 04/29/2021	TAC AGENDA ITEM #09 Date: 03/25/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM #14 Date: 05/27/2021	CAC AGENDA ITEM #07 Date: 05/03/2021	CAC AGENDA ITEM #09 Date: 03/29/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

ADOPT THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM (TYCP) AND FISCAL YEAR 2021-2022 PROJECT LIST

The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 11, 2020, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2020-2021 Project List.

The District has utilized a third party financial advisor to provide growth estimates of future revenue and inflation. The TYCP incorporates these economic growth estimates. The TYCP also includes inflation and adjustment factors to account for increases in construction, design and right-of-way costs over time. The following revenue growth projections and inflation/adjustment factors are incorporated into the TYCP:

	FY 20/21	FY 21/22 Yr-2	FY 22/23 Yr-3	FY 23/24 Yr-4	FY 24/25 Yr-5	FY 25/26 Yr-6	FY 26/27 Yr-7	FY 27/28 Yr-8	FY 28/29 Yr-9	FY 29/30 Yr-10	FY 30/31 Yr-10
Revenue	Base	4.83%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Inflation	Previous	2.0%	2.0%	2.0%	2.0%	2.0%	3.0%	3.0%	3.0%	3.0%	3.0%

Year-1 resources for FY 2021-22 are approximately \$136.2 million. Total estimated resources for the FY 2021-22 TYCP are approximately \$863.6 million.

Staff Recommendation:

Adopt the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2021-2022 Project List.

Discussion by Technical Advisory Committee:

AGENDA
#14 Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#14 Date: 05/27/2021

Recommendation:

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/19/2021

RECEIVE INFORMATION FOR THE DEVELOPMENT OF THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM (TYCP) AND FISCAL YEAR 2021-2022 PROJECT LIST

The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 11, 2020, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2020-2021 Project List.

The District has utilized a third party financial advisor to provide growth estimates of future revenue and inflation. The TYCP incorporates these economic growth estimates. The TYCP also includes inflation and adjustment factors to account for increases in construction, design and right-of-way costs over time. The following revenue growth projections and inflation/adjustment factors are incorporated into the TYCP:

	FY 20/21	FY 21/22 Yr-2	FY 22/23 Yr-3	FY 23/24 Yr-4	FY 24/25 Yr-5	FY 25/26 Yr-6	FY 26/27 Yr-7	FY 27/28 Yr-8	FY 28/29 Yr-9	FY 29/30 Yr-10	FY 30/31 Yr-10
Revenue	Base	4.83%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Inflation	Previous	2.0%	2.0%	2.0%	2.0%	2.0%	3.0%	3.0%	3.0%	3.0%	3.0%

Year-1 resources for FY 2021-22 are approximately \$185.6 million. Total estimated resources for the FY 2021-22 TYCP are approximately \$787.9 million.

Staff Recommendation:

Receive information for the development of the TYCP.

Discussion by Technical Advisory Committee:

AGENDA
#07 Date: 04/29/2021

Recommendation:

Receive information for the development of the TYCP.

Discussion by Citizens Advisory Committee:

AGENDA
#07 Date: 05/03/2021

Recommendation:

Receive information for the development of the TYCP.

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 03/15/2021

RECEIVE INFORMATION FOR THE DEVELOPMENT OF THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM (TYCP) AND FISCAL YEAR 2021-2022 PROJECT LIST

The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 11, 2020, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2020-2021 Project List.

The District has utilized a third party financial advisor to provide growth estimates of future revenue and inflation. The TYCP incorporates these economic growth estimates. The TYCP also includes inflation and adjustment factors to account for increases in construction, design and right-of-way costs over time. The following revenue growth projections and inflation/adjustment factors are incorporated into the TYCP:

	FY 20/21	FY 21/22 Yr-2	FY 22/23 Yr-3	FY 23/24 Yr-4	FY 24/25 Yr-5	FY 25/26 Yr-6	FY 26/27 Yr-7	FY 27/28 Yr-8	FY 28/29 Yr-9	FY 29/30 Yr-10	FY 30/31 Yr-10
Revenue	Base	4.83%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Inflation	Previous	2.0%	2.0%	2.0%	2.0%	2.0%	3.0%	3.0%	3.0%	3.0%	3.0%

Year-1 resources for FY 2021-22 are approximately \$185.6 million. Total estimated resources for the FY 2021-22 TYCP are approximately \$787.9 million.

Staff Recommendation:

Receive information for the development of the TYCP.

Discussion by Technical Advisory Committee:

AGENDA
#09 Date: 03/25/2021

Recommendation:

Receive information for the development of the TYCP.

Discussion by Citizens Advisory Committee:

AGENDA
#09 Date: 03/29/2021

Recommendation:

Receive information for the development of the TYCP.

MEMORANDUM

STEVEN C. PARRISH, P.E.
GENERAL MANAGER/CHIEF ENGINEER



TO: Steven C. Parrish, P.E., General Manager/Chief Engineer

FROM: Todd Myers, P.E., Engineering Director

SUBJECT: Project Cost Indices Fiscal Year 2021/2022

DATE: March 25, 2021

Included in this memorandum are recommendations for project cost indices for use in forward planning for the Fiscal Year (FY) 2021/22 Ten Year Construction Program.

Project Cost Index: The following table shows recommendations for project cost indices from the previous year, along with the new recommended cost indices for next fiscal year and beyond. The proposed indices will be used for construction, design, and right-of-way. Facility costs are evaluated every five years with the update to the Las Vegas Valley flood control master plan. The indices are developed each year to adjust the costs estimated during the master plan update (MPU) process. The 2018 Las Vegas Valley Master Plan (2018 MPU) was updated and adopted by Board in January 2019. New facility costs were established with the update. The inflation factors presented in this memo will adjust the base line established in the 2018 MPU to account for anticipated adjustments needed based on forecasts of future economic conditions. Based on information provided in this memo, District staff recommends revising the project cost index for FY 21/22 through FY 25/26 to 2%, and 3% for the out years.

Fiscal Year	Previous Project Indices	Proposed Project Indices
FY 20/21	0%	-
FY 21/22	1%	2%
FY 22/23	2%	2%
FY 23/24	2%	2%
FY 24/25	2%	2%
FY 25/26	3%	2%
Out Years	3%	3%

Background Information

General Information

The local economy took a heavy hit in 2020 by shutdowns resulting from the Covid-19 pandemic. Statewide unemployment soared to over 30% in April 2020, visitor volume was down over 55%, and taxable sales in Clark County dropped by 12.9%. However, there are signs of encouragement. Since the peak in April, unemployment dropped to 9.2% by the end of the year and continues to trend downward in the first quarter of 2021. The housing market remained

strong with year-over-year existing home sales up slightly and values up over 10% for the year. New home sales were relatively flat in 2020 but new home permits were up over 14%, giving hope to the residential construction market. Covid-19 vaccines are being dispensed nationwide and the \$1.9 trillion Covid relief bill, partly aimed at the hard-hit hospitality and tourism industries, was recently passed by Congress and signed into law by Presiding Biden. Many construction industry executives on ENR's lists of leading general contractors, subcontractors, and design firms believe the industry will be back in a growth mode by the end of 2021.¹

Major Economic Indicators (National)

- Consumer Price Index (CPI): The all items CPI rose 1.4% over the last 12 months ending in January 2021 indicating a slight increase in cost for goods and services in 2020.
- Producer Price Index (PPI): The PPI is a group of indices that measures the average change over time in prices received by producers for domestically produced goods, services, and construction. The PPI index for final demand increased 1.7% for the 12 months ending in January 2021.
- Employment Cost Index: Over the year ending in December 2020:
 - Private Industry: Wages and salaries are up 2.8%; benefits rose 2.1%.
 - State and Local: Wages and salaries are up 1.8%; benefits rose 3.1%.

Unemployment

Second only to Hawaii, Nevada had the most severe unemployment rate impacts resulting from the Covid-19 shutdowns. Statewide, the seasonally adjusted unemployment rate through December 2020 was 9.2%, which is up 5.5% from the same time last year. The unemployment rate in Nevada peaked in April 2020 at 30.1% and has since declined indicating eight months of steady recovery in the Nevada job market.

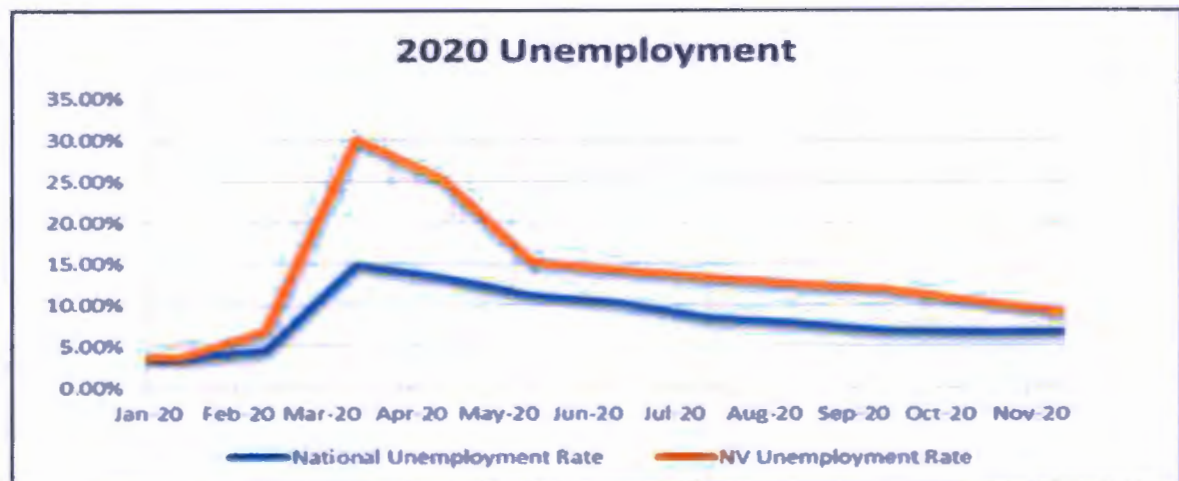


Figure-1 – Data obtained from www.deptofnumbers.com

¹ENR December 20, 2020

In Clark County, the seasonally adjusted unemployment rate was 10.4% in December 2020, up from 3.5% reported last year. Construction jobs in the Las Vegas area decreased by 7.2% in 2020. Nationally, the seasonally adjusted unemployment rate was 6.7% through December 2020, which is up 3.2% from the same time last year.²

Local Economy

According to the Nevada Department of Taxation, year-over-year combined taxable sales for Clark County decreased 12.9% in 2020. The Las Vegas Convention and Visitors Authority (LVCVA) reports that year-over-year visitor volume for Las Vegas decreased by 55.2%. Las Vegas hosted approximately 19.0 million visitors in 2020, which was down from 42.5 million in 2019. The Covid-19 restrictions shut down convention activity the last 9 months of the year, resulting in annual convention attendance of approximately 1.7 million attendees, a decrease of 74% compared to 2019 convention attendance of approximately 6.6 million. Likewise, passenger traffic at the airport decreased 56.9% and vehicular traffic on all major highways was down 12.1% over the same time last year. Gaming revenues for Clark County dropped 36.8% in 2020. The occupancy rate citywide was 42.1% through December 2020, which is down from 88.9% a year ago. Additionally, average daily room rates decreased 9.3% through December 2020 compared to the same period in 2019.³

Residential Construction

SalesTraq reported that as of January 2021, a 12-month total of 9,825 new home sales were closed in the Las Vegas Valley, down 1% from the same time last year. The median price of \$369,078 represents a 0.8% increase from January 2020. Through the 12-month period 12,165 new home permits were issued, which is year-over-year increase of 14.8%. Figure 2 shows data obtained from the Southern Nevada Home Builders and the Salestraq websites that presents the number of new homes sold through 2020 versus the median new home price.⁴

For 2020, Las Vegas REALTORS (LVR) reported a total of 41,617 existing homes, condos, and townhomes were sold, up slightly from the 41,269 sales in 2019. The median price for existing single-family homes in December was \$345,000, an increase of 10.2% on a year-over-year basis. The number of distressed sales remain near historically low levels, in part due to protections provided by the CARES Act, which offers temporary relief from mortgage payments during COVID. Short sales and foreclosures combined accounted for just 0.9% of all existing local property sales in December 2020. This is down from 1.8% a year ago. The local housing inventory ended the year with a one month supply, well below a 6-month supply which is considered a balanced market.⁵

²U.S. Department of Labor; Bureau of Labor Statistics, December 2020

³LVCVA Year End Summary for 2020 and Las Vegas Tourism Construction Bulletin

⁴www.salestraq.com and www.snhba.com

⁵LVR December 2020 Monthly Housing Market Update



Figure 2 - Data obtained from www.snhba.com (1990-2011) and www.salestraq.com (2012-2020)⁵

Freddie Mac reported that the average 30-year fixed-rate mortgage hit a low of 2.65% in January 2021, and has since been increasing, reaching 3.05 the week of March 8, 2021. Freddie Mac forecasts the average 30-year fixed-rate mortgage is expected to be 2.9% in 2021 and 3.2% in 2022.⁶

Commercial Construction

As expected, the pandemic had a significant impact to the already struggling office market in Southern Nevada. Net absorption is defined as the net change in physically occupied office space from one period to the next. The net absorption in Nevada for the fourth quarter of 2020 was negative 133,081 square feet, bringing net absorption for 2020 to negative 251,158 square feet. This is down from positive 441,637 square feet of absorption in 2019, and 1.2 million square feet of absorption in 2018. Office space vacancy rate increased 1% to 13.4% in 2020. Office space available for sublease in Southern Nevada decreased from 758,636 square feet in the fourth quarter of 2019 to 716,070 square feet in the fourth quarter of 2020. Overall Southern Nevada’s office inventory increased by 145,433 square feet in 2020. An additional 230,000 square feet of office space is scheduled for completion in the second quarter of 2021, and 341,665 square feet scheduled for the second half of 2021. The weighted average rental rate in Southern Nevada remained flat at \$2.22 per square foot in 2020.⁷

Bulk warehouse/distribution has dominated Southern Nevada’s industrial market in 2020 and will likely continue to dominate in 2021. Overall, the industrial market saw approximately 2.8 million square feet of absorption in 2020. Of that, approximately 2.3

⁶Freddie Mac – 2020 Primary Mortgage Market Survey

⁷Las Vegas Office Market Q4 2020 – Colliers International

million square feet are attributed to warehouse/distribution; the majority of which occurred in the North Las Vegas and Southwest submarkets. Investment sales of industrial space was surprisingly good in 2020 considering the uncertainty caused by the pandemic, with a sales volume of \$722.9 million totaling 5,543,000 square feet. It is expected that the industrial market will continue to improve in 2021.⁸

Architectural Billing Index (ABI)

Nationally, a good indicator of upcoming (nonresidential) construction is the architectural billing index. This index increases as the total dollar amount of billings from architectural firms increase. Generally, if the index is on the rise, construction starts will follow with a lag of about nine to twelve months. An index over 50 indicates an increase in billings.

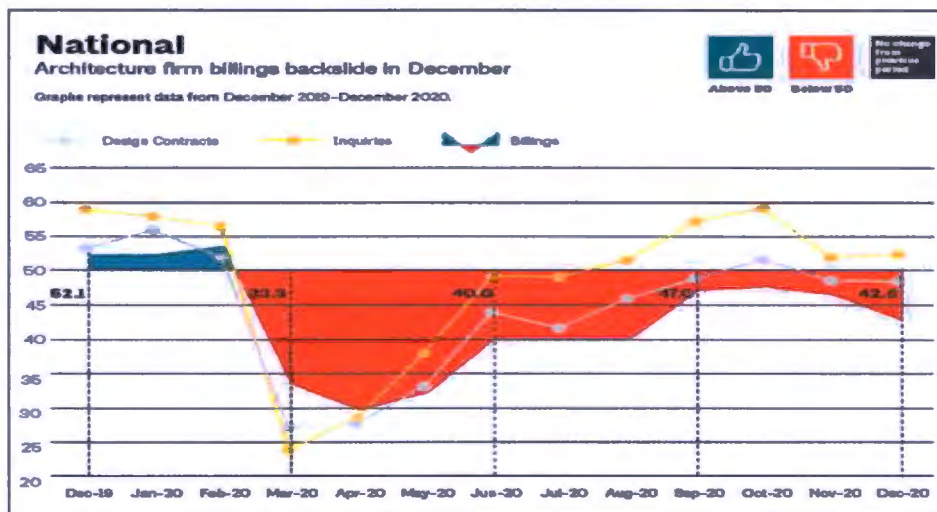


Figure 3 – Billings vs Inquiries. Architecture Billings Index (ABI) December 2020

The American Institute of Architects (AIA) reported that 2020 ended a rough year with declining

billings. The December 2020 ABI score was 42.6 down from 52.1 a year ago. Looking regionally, the billing index in the West was 43.4, the Midwest was 43.6, the Northeast was 38.8, and the South was 46.8, all below last year’s numbers. However, firms are seeing some encouraging indicators. As shown above in Figure 3, inquiries into new projects at firms increased for the fifth month in a row in December, and while the pace of growth was slower than in September and October, it still means that most firms are having project discussions with potential clients.⁹

Construction Cost Indices

Rider Levett Bucknall (RLB). RLB reports for fourth quarter 2020 the national construction cost index was 209.82, an increase of 2.04% over the 2019 index value of 205.62. This index is relative to a base of 100 set in April 2001. RLB also tracks costs

⁸Las Vegas Industrial Market Q4 2020 – Colliers International

⁹The American Institute of Architects, December 2020

locally for 12 different major metropolitan areas including Las Vegas. The index tracks the true bid cost of construction, including labor, material, overhead costs, and profit. The index for Las Vegas in October 2020 was 15,480, which was up 1.78% from the October 2019 value of 15,209.¹⁰

Engineering News Record (ENR). ENR provides a weighted aggregate index of the prices of constant quantities of structural steel, Portland cement, lumber, and common labor. The base of the index is 100 set in 1913. They use data from 20 major metropolitan areas to compile their index. The index at the end of December 2020 was 11,625.95, which is 2.1% higher than the index value of 11,381 for December 2019. As the year ended there was “much doubt” according to Richard Branch, chief economist at Dodge Data & Analytics. Non-residential building starts dipped 25% on a year-over-year basis, with notable drops in the commercial, institutional, and manufacturing sectors. Growth in streets, bridges and sewers give us a “glimmer of hope” according to Branch.¹

Regional Flood Control District (RFCD). The RFCD Construction Cost Index (CCI) tracks winning bids for three major types of flood control structures: concrete box culvert, concrete pipe, and concrete channels. These facilities were chosen since they are the prevalent types of structures constructed with District funds. The base of the index is 100 set in fiscal year (FY) 04/05. The index for FY 20/21 is 179, which is a 2.3% decrease from the index in FY 19/20 of 183. The general trend of the CCI shows costs have steadily increased since bottoming out in FY 10/11. However, the trend has been flattening over the past three years (See Figure 4).

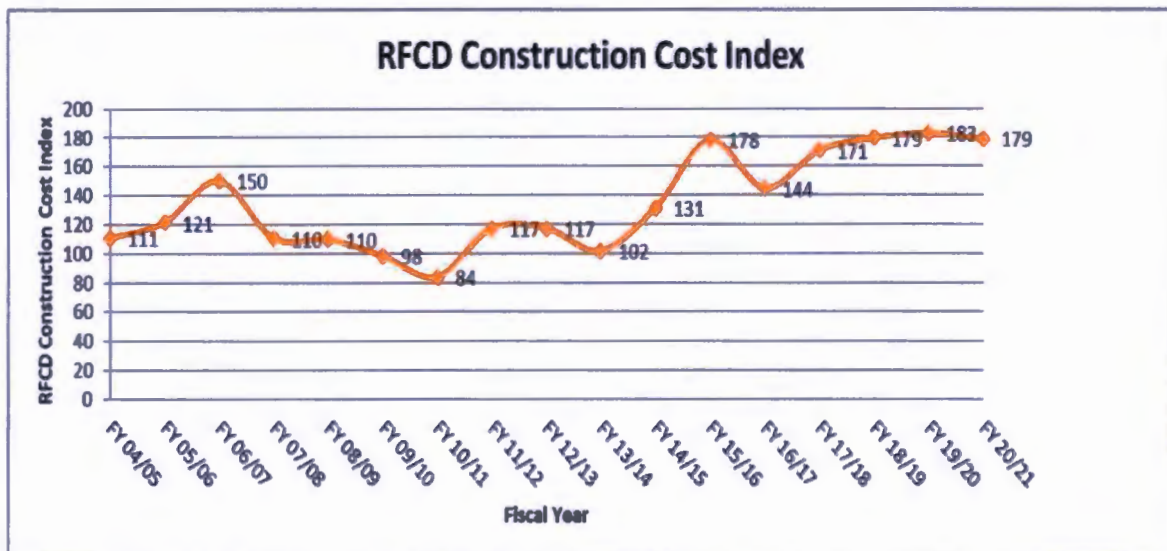


Figure 4 – RFCD Construction Cost Index.

Figure 5 is a comparison between the average number of bidders per project versus the difference between the engineer’s estimate and the actual bid amount. Through March 2021, winning bid amounts averaged 1.5% below the engineer’s estimate. The average number of bidders increased to 9 bidders per project through the third quarter of FY 20/21. This average is trending up from a low of 5 bidders per project in FY 15/16, but well below the highest average number of bidders of 17.1 posted in FY 09/10. Historically bid prices tend to trend upward as the number of bidders decreases due to reduced competition among contractors making those bids.

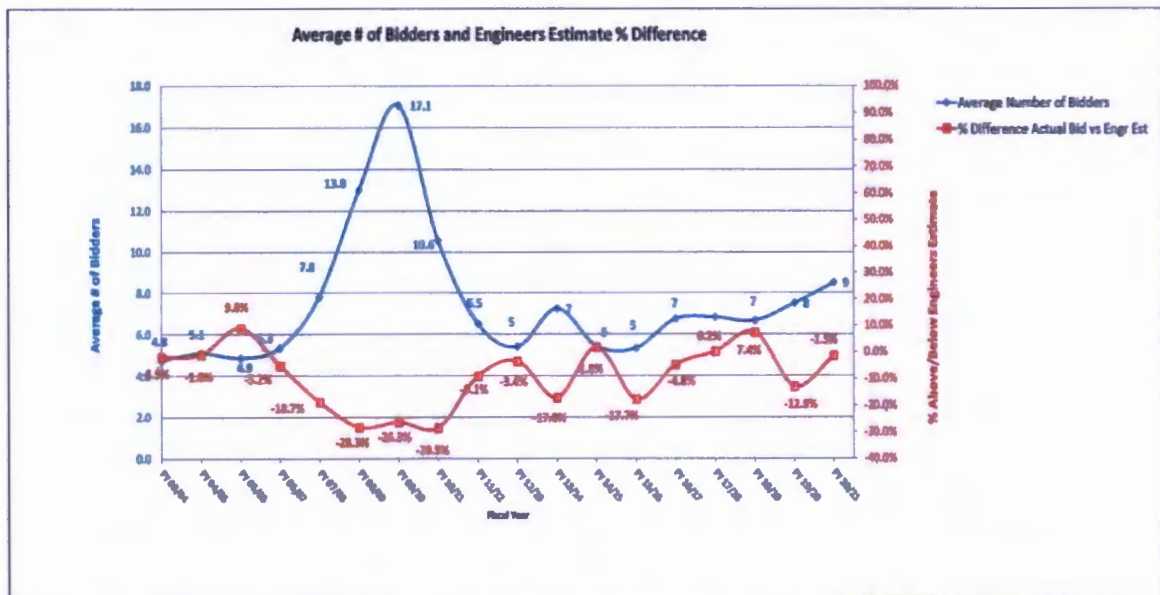


Figure 5 – Average # Bidders vs Estimated Costs - data obtained from RFCD bid results.

Summary

At the risk of stating the obvious, financially 2020 proved to be a tough year from the global level to the local level, and for many to the personal level. Nationally unemployment increased significantly, the cost of construction materials increased while availability suffered, and the ABI dropped to below 50 in all regions indicating a possible reduction in non-residential construction starts in the coming months. Locally, Covid-19 restrictions and shutdowns, beginning in March 2020, brought Las Vegas’s main industry of hospitality and tourism to a halt. Unemployment soared to over 30%, visitor volume dropped over 55%, Gaming revenues for Clark County dropped 36.8% and taxable sales in Clark County dropped by 12.9%.

The housing market and industrial markets proved to be two bright spots for the local economy in 2020. Home values continued to rise, and new home permits increased by almost 15%. Investment sales of industrial space was surprisingly good in 2020 and should continue through 2021.

There appears to be some light at the end of the tunnel. Vaccine distribution continues to ramp up, giving hope of an end to the pandemic in the foreseeable future. Businesses that were forced to shut down are reopening under loosening government restrictions. Locally, unemployment dropped to 9.2% by the end of the year and continues to trend downward in the first quarter of 2021 giving hope that recovery is underway. There is also optimism the new Covid relief bill will give a boost to the overall economy, and most relevant to Las Vegas, the struggling hospitality and tourism industry.

Cc: Jeanine Pitts-Dilworth, Administrative Services Director
Andrew Trelease, P.E., CFM, Assistant General Manager

EXHIBIT A

PROGRAMMING PERCENTAGES			2013 MPU
Planning Area	Current MPU Total Costs (a)	Percent of Total Planning Area	Previous Percentages
Henderson :			
C-1	\$20,504,200	0.88%	8.35%
Pittman	\$144,761,050	6.23%	
Sub-total	\$165,265,250	7.11%	
Las Vegas			
Central	\$507,779,660	21.85%	38.70%
Gowan	\$127,415,880	5.48%	
Upper Northern L V Wash	\$203,558,550	8.76%	
Sub-total	\$838,754,090	36.10%	
North Las Vegas			
Lower Northern L V Wash Range	\$182,748,946	7.87%	19.22%
Lower L V Wash	\$262,708,330	11.31%	
Apex	\$40,638,540	1.75%	
Sub-total	\$562,124,556	24.19%	
Clark County			
Duck Cr/Blue Diamond	\$301,091,860	12.96%	29.62%
Tropicana/Flamingo	\$164,588,950	7.08%	
Outlying Areas	\$189,484,280	8.16%	
Sub-total	\$655,165,090	28.20%	
Boulder City :			
Boulder City	\$37,286,080	1.60%	1.95%
Sub-total	\$37,286,080	1.60%	
Mesquite :			
Mesquite	\$64,832,221	2.79%	2.16%
Sub-total	\$64,832,221	2.79%	
GRAND-TOTAL	\$2,323,427,288	100.00%	100.00%

Notes:

(a) Cost of remaining Category A facilities from applicable Master Plans as of 3/19/19

EXHIBIT B

Project Prioritization

Priority Factor and Weight												Priority Value
Pop	Land	Public	Access	Avoid	Funding	Relation	Implem	Env	O&M	0.5	1.0	
CITY OF HENDERSON												
HYDROGRAPHIC BASIN: PITTMAN												
PROJECT: Galleria to Sunset												
PTSU 0000, 0008, 0023, 0028, 0032												
4	4	3	4	3	3	3	3	3	2	1	2	95.0
20.0	18.0	12.0	14.0	9.0	7.5	6.0	4.5	3.0	1.0			
PROJECT: Pittman Sunset, Burns to Foster												
PTBH 0000, 0014, 0015, PTSU 0034, 0037, 0067, 0069												
4	3	4	2	3	4	3	3	3	3	3	1.5	90.5
20.0	13.5	16.0	7.0	9.0	10.0	6.0	4.5	3.0	1.5			
PROJECT: Pittman Anthem Parkway Channel, Siena Heights to Horizon Ridge												
PTAP 0018												
4	3	4	2	2	4	3	3	3	3	1.5	1.5	87.5
20.0	13.5	16.0	7.0	6.0	10.0	6.0	4.5	3.0	1.5			
PROJECT: Southwest Pittman Detention Basin												
PTSD 0233, 0234 & PTN2 0167												
3	4	3	3	3	2	4	3	2	2	1	2	85.0
15.0	18.0	12.0	10.5	9.0	5.0	8.0	4.5	2.0	1.0			
PROJECT: Southeast Pittman Detention Basin												
PTBE 0062, 0063, 0064, & PTSO 0000												
3	4	3	3	3	2	4	2	3	2	1	2	84.5
15.0	18.0	12.0	10.5	9.0	5.0	8.0	3.0	3.0	1.0			
PROJECT: Pittman Gillespie												
PTGL 0001, 0011												
3	3	3	3	3	2	3	2	3	3	1.5	1.5	78.5
15.0	13.5	12.0	10.5	9.0	5.0	6.0	3.0	3.0	1.5			
PROJECT: Pittman Wash South Phase 1 - Pittman North Detention Basin to Larson Lane												
PTSD 0016, 0017, 0043												
3	3	3	3	2	3	3	2	2	3	1.5	1.5	77.0
15.0	13.5	12.0	10.5	6.0	7.5	6.0	3.0	2.0	1.5			
HYDROGRAPHIC BASIN: C-1												
PROJECT: Cadiz Storm Drain - Racetrack to Pueblo												
C1CA 0000												
3	3	3	3	4	3	3	3	3	2	1	2	85.0
15.0	13.5	12.0	10.5	12.0	7.5	6.0	4.5	3.0	1.0			
PROJECT: Lake Mead - Warm Springs to Burkholder												
C1LM 0144, 0156, 0158, 0182, 0184												
3	3	3	3	4	3	3	2	3	2	1	2	83.6
15.0	13.5	12.0	10.5	12.0	7.5	6.0	3.0	3.0	1.0			
PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead												
C1CH 0181, 0173, 0204												
2	3	3	3	2	1	2	2	2	2	1	2	84.6
10.0	13.5	12.0	10.5	6.0	2.5	4.0	3.0	2.0	1.0			

EXHIBIT B

Project Prioritization

	Priority Factor and Weight											Priority Value
	Pop.	Land	Public	Access	Avoid	Funding	Relation	Implem.	Env	O&M		
	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
CITY OF LAS VEGAS												
HYDROGRAPHIC BASIN: CENTRAL												
PROJECT: Lake Mead - Carey - Lake Mead Detention Basin Outfall												
LVLN 0221	4	4	3	3	3	3	3	3	3	3	2	91.5
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.0		
PROJECT: Owens Avenue System - Vegas Storm Drain, Shadow Mountain to Jones												
LVOW 0360	4	4	3	3	2	2	3	1	2	2		90.0
	20.0	18.0	13.0	10.5	9.0	5.0	5.0	4.5	3.0	2.0		
PROJECT: Meadows - Charleston Storm Drain, Essex to Lindell												
MECN 0000, 0061	4	3	3	3	3	2	2	3	2	2		90.5
	20.0	18.5	12.0	11.0	10.0	7.0	4.0	4.5	2.0	1.5		
PROJECT: Las Vegas Wash - Stewart, Las Vegas Wash to Lamb												
LVST 0000	4	3	3	3	2	3	3	2	3	3		90.5
	20.0	18.0	13.0	10.5	9.0	6.0	6.0	4.5	2.0	1.5		
PROJECT: Meadows Detention Basin Upgrade												
LCME 0018, 0021	3	3	3	3	3	2	3	2	2	2		90.5
	20.0	18.5	12.0	11.0	10.0	7.5	4.0	4.5	2.0	1.0		
PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland												
FLBN 0281, 0312	4	4	3	3	3	2	3	1	2	2		87.5
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	4.5	1.0	1.0		
PROJECT: Las Vegas Wash - Stewart to Bonanza												
LVMD 1121 & 1149	4	4	3	3	3	2	2	1	2	2		86.0
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	3.0	1.0	1.0		
PROJECT: Owens Avenue East - LV Wash to Eastern												
LVOE 0000, 0085	4	4	3	3	2	2	3	2	2	2		86.0
	20.0	18.0	12.0	10.5	9.0	5.0	4.0	4.5	2.0	1.0		
PROJECT: Meadows/Charleston - Via Olivero, Montessoro to Buffalo												
MECH 0424	4	4	3	2	3	2	3	3	3	2		85.5
	20.0	18.0	12.0	7.0	9.0	5.0	6.0	4.5	3.0	1.0		
PROJECT: Owens Avenue East - Eastern to Main												
LVOE 0134	4	3	3	3	3	2	3	3	3	2		85.0
	20.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	3.0	1.0		
PROJECT: Las Vegas Wash - Stewart, Lamb to Mojave												
LVST 0088, 0188	4	4	3	3	2	2	3	2	3	1		84.0
	20.0	18.0	12.0	10.5	6.0	5.0	6.0	3.0	3.0	0.5		
PROJECT: Freeway Channel - Washington, Rancho to Valley View												
LV15 0528	4	3	3	3	3	2	2	3	2	2		83.5
	20.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	3.0	1.0		
PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy.												
BHSA 0000, 0026	4	3	4	3	2	2	2	3	3	2		82.0
	20.0	13.5	16.0	10.5	6.0	5.0	4.0	3.0	3.0	1.0		
PROJECT: Sahara Avenue - Eastern Lateral												
SAEA 0000	3	3	4	3	3	2	2	3	3	2		81.5
	15.0	13.5	16.0	10.5	9.0	5.0	4.0	4.5	3.0	1.0		
PROJECT: Las Vegas Wash - Cedar Channel/Bonanza - Las Vegas Wash to Lamb												
LVBZ 0000, CACH 0001, 0020	3	3	3	3	3	2	3	2	2	1		78.5
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	2.0	0.5		
PROJECT: Freeway Channel - Washington, Valley View to Michael Way												
LV15 0602	3	3	3	3	3	2	2	3	3	1		78.0
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	3.0	0.5		
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern												
BHSA 0075	3	3	3	3	2	2	3	1	1	1		76.0
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	0.5		
HYDROGRAPHIC BASIN: GOWAN												
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial												
GOEC 0100, 0126, 0152, 0176	4	3	3	3	3	3	3	3	3	3		87.5
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.5		
PROJECT: Gowan - Alexander Rd., Rancho to Decatur												
GOAL 0000, 0056	4	4	3	3	2	3	4	1	1	1		87.5
	20.0	18.0	12.0	10.5	6.0	7.5	6.0	6.0	1.0	0.5		
PROJECT: Gowan - Rancho, Alexander to Jones and Alexander Branch												
GOAL 0100, GOA2 0000	4	4	3	3	2	3	2	3	3	2		86.5
	20.0	18.0	12.0	10.5	6.0	7.5	4.0	4.5	3.0	1.0		
PROJECT: Gowan - Craig and US-95												
GOAL 0168, 0247	4	3	3	3	3	3	3	3	1	2		85.0
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	1.0	1.0		
PROJECT: Gowan Outfall - Clayton Branch												
GOCL 0000	3	3	2	3	2	3	4	3	2	2		76.5
	15.0	13.5	8.0	10.5	6.0	7.5	6.0	6.0	3.0	1.0		
HYDROGRAPHIC BASIN: UPPER NORTHERN LAS VEGAS WASH												
PROJECT: Brent Drainage System - Durango to OHare												
BRDB 0107, 0157	4	3	4	3	3	3	3	3	1	3		89.5
	20.0	13.5	16.0	10.5	9.0	7.5	6.0	4.5	1.0	1.5		
PROJECT: Centennial Pkwy Channel West - Farm Road - Oso Blanca to Tee Pee												
CNFR 0000	4	3	4	3	3	3	3	3	1	2		89.0
	20.0	13.5	16.0	10.5	9.0	7.5	6.0	4.5	1.0	1.0		
PROJECT: Centennial Pkwy Channel West - Farm Rd - Tee Pee to Hualapai												
CNFR 0400	4	3	3	3	3	3	3	3	1	2		85.0
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	1.0	1.0		
PROJECT: Ann Road Channel West - Jones, Ann to Tropical												
ANJO 0000	3	3	3	3	2	3	3	4	3	2		80.5
	15.0	13.5	12.0	10.5	6.0	7.5	6.0	6.0	3.0	1.0		
PROJECT: Ann Road Channel West - Decatur, Ann to Tropical												
ANDE 0000	3	3	3	3	2	3	3	4	3	2		80.5
	15.0	13.5	12.0	10.5	6.0	7.5	6.0	6.0	3.0	1.0		

EXHIBIT B

Project Prioritization

Priority Factor and Weight													Priority Value
Pop.	Land	Public	Access	Avoid	Funding	Relation.	Implem	Env.	O&M				
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5				
CITY OF NORTH LAS VEGAS													
HYDROGRAPHIC BASIN: LOWER NORTHERN LAS VEGAS WASH													
PROJECT: Las Vegas Wash Cartier Channel													
LVCC 0000, 0030, 0035	4	4	3	3	2	2	2	2	2	2	2	1	81.5
	20.0	18.0	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: Lake Mead Storm Drain, Las Vegas Wash to Civic Center													
LVLE 0000, 0047	4	3	3	3	2	2	2	2	2	2	2	1	80.0
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: Las Vegas Wash - Iron Mountain, Bradley to Decatur													
IRMO 0000	4	3	3	3	2	2	2	2	2	2	2	1	77.0
	20.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: North Las Vegas Detention Basin Upgrade													
LVUP 0408	4	3	3	3	2	2	2	2	2	2	2	1	77.0
	20.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: Las Vegas Boulevard Storm Drain													
LVLV 0000	3	3	3	3	2	2	2	2	2	3	3	1.5	72.5
	15.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0				
HYDROGRAPHIC BASIN: RANGE													
PROJECT: Orchard Collector - Charleston to Linden													
SLOR 0158	3	3	3	3	4	3	2	3	3	3	3	1.5	83.5
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	3.0				
PROJECT: Jim McLaughy Detention Basin & Outfall													
SLWA 0130 thru 0175 & SLOW 0000, 0005	4	3	3	3	4	2	2	2	2	2	2	1	83.0
	20.0	13.5	12.0	10.5	12.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: Range Wash - Sloan Channel, Stewart Bridge													
RWSL 0187	3	3	3	3	3	3	2	3	2	2	2	1	79.0
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	2.0	1.0			
PROJECT: Beltway Collection System - Pecos													
RWWE 0500 & RWBW 0011, 0013	3	3	3	3	3	3	2	3	2	2	2	1	79.0
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	2.0	1.0			
PROJECT: Range Wash - Beltway Conveyance													
RWBW 0035, 0037, 0066, 0083, & RWWE 0518, 0520, 0550	3	3	3	3	3	3	2	2	2	2	2	1	77.5
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	2.0	1.0			
PROJECT: Nellis Storm Drain - Sloan Channel to Craig													
SLNL 0000, 0064	3	3	3	2	2	2	2	2	2	2	2	1	68.5
	15.0	13.5	12.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: Las Vegas Boulevard Storm Drain - Nellis to Range													
SLLV 0000	3	3	3	2	2	2	2	2	2	2	1	68.0	
	15.0	13.5	12.0	7.0	6.0	5.0	4.0	3.0	2.0	0.5			
PROJECT: Speedway North Detention Basin and Outfall													
RWHW 0459, 0498, 0499, 0500	2	3	2	2	2	2	2	2	2	2	1	69.0	
	10.0	13.5	8.0	7.0	6.0	5.0	4.0	3.0	2.0	0.5			
HYDROGRAPHIC BASIN: Apex													
PROJECT: North Apex - System 1 Detention Basin and Outfall													
NAP1 0000, 0002, 0009, 0152, 0153, 0154	3	3	3	3	2	2	2	2	2	2	2	1	72.0
	15.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.0			

EXHIBIT B

Project Prioritization

Priority Factor and Weight											Priority Value
Pop	Land	Public	Access	Avoid	Funding	Relation	Implem.	Env	O&M		
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		

CLARK COUNTY

HYDROGRAPHIC BASIN: Tropicana/ Flamingo

PROJECT: Airport Channel - Naples Channel and Peeking Basin											
TRMC 0013, 0014, 0031, 0033	4	3	3	3	4	3	3	4	3	3	92.0
	20.0	13.5	12.0	10.5	12.0	7.5	6.0	6.0	3.0	1.5	
PROJECT: Flamingo Wash - Maryland to Palos Verde											
FLWA 0621 & 0673	4	3	3	3	4	4	3	3	2	3	92.0
	20.0	13.5	12.0	10.5	12.0	10.0	6.0	4.5	2.0	1.5	
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.											
FLWA 0693 & 0896	4	3	3	3	4	3	3	3	2	3	89.5
	20.0	13.5	12.0	10.5	12.0	7.5	6.0	4.5	2.0	1.5	
PROJECT: Vanbuskirk - Tropicana, Maryland Pkwy to University Center											
VBTM 0175	4	3	3	3	4	3	3	3	2	2	89.0
	20.0	13.5	12.0	10.5	12.0	7.5	6.0	4.5	2.0	1.0	
PROJECT: Las Vegas Wash - Branch 02 - Jimmy Durante to Boulder Hwy											
LV02 0209, 0273, 0282, 0294	4	3	3	3	4	3	3	3	2	2	89.0
	20.0	13.5	12.0	10.5	12.0	7.5	6.0	4.5	2.0	1.0	
PROJECT: Flamingo - Cimarron Branch											
FLCM 0003	4	3	3	3	3	3	3	3	3	2	87.0
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.0	
PROJECT: Blue Diamond - Buffalo Branch											
BDBF 0010, 0076, 0125	3	3	3	3	3	3	2	2	2	1	77.0
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	2.0	0.5	
PROJECT: Flamingo Wash Maryland - UNLV											
FLMR 0000	3	3	3	3	3	3	2	2	2	1	77.0
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	2.0	0.5	
PROJECT: Vegas Valley Drive - Flamingo Wash to Burnham											
VAVD 0000 & 0025	3	3	3	3	3	3	2	2	1	2	76.5
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	1.0	1.0	
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy.											
LV01 0001, 0038, 0080, 0118	3	3	3	3	3	2	2	2	2	1	74.5
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	0.5	
PROJECT: Tropicana Avenue Conveyance - Boulder Hwy. to Morris											
LV01 0135	3	3	3	3	2	3	2	2	1	2	73.5
	15.0	13.5	12.0	10.5	6.0	7.5	4.0	3.0	1.0	1.0	
PROJECT: Tropicana Avenue Conveyance, Morris to Mountain Vista											
LV01 0151, 0176	3	3	2	3	3	2	2	3	2	2	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	4.0	4.5	2.0	1.0	
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Flamingo											
LV02 0001, 0125, 0127	3	3	2	3	3	2	2	3	2	2	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	4.0	4.5	2.0	1.0	
PROJECT: Las Vegas Wash - Boulder Hwy. - Tropicana to Harmon											
LVBH 0000	3	3	2	3	2	2	3	2	2	1	69.5
	15.0	13.5	8.0	10.5	6.0	5.0	6.0	3.0	2.0	0.5	
PROJECT: Flamingo Wash - Jones to Tropicana											
FLWA 1153, 1204	2	3	2	3	2	2	2	3	2	2	64.5
	10.0	13.5	8.0	10.5	6.0	5.0	4.0	4.5	2.0	1.0	

HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond

PROJECT: Blue Diamond Wash - Arville to I-15											
BDWA 0276	4	3	3	3	3	4	3	4	3	2	91.0
	20.0	13.5	12.0	10.5	9.0	10.0	6.0	6.0	3.0	1.0	
PROJECT: Duck Cr. / Blue Diamond, Bermuda Road to Las Vegas Blvd.											
DCBD 0075, 0082 & 0084	4	3	3	3	3	4	3	4	3	2	91.0
	20.0	13.5	12.0	10.5	9.0	10.0	6.0	6.0	3.0	1.0	
PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar - Phase 2											
BD02 0330, 0334	4	3	3	3	3	4	3	4	3	2	91.0
	20.0	13.5	12.0	10.5	9.0	10.0	6.0	6.0	3.0	1.0	
PROJECT: Blue Diamond Channel, Amigo to Haven											
BDWA 0087, 0111, 0113, 0137, 0139, 0174, 0175	2	3	4	3	4	3	3	3	2	2	83.0
	10.0	13.5	16.0	10.5	12.0	7.5	6.0	4.5	2.0	1.0	
PROJECT: Blue Diamond Railroad Channel											
BDW5 0026, BDW2 0000	3	3	3	3	3	3	3	3	2	2	81.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.0	
PROJECT: Duck Creek, Sunset Park											
DCSP 0000, 0115	3	3	3	3	3	2	3	3	3	2	79.5
	15.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	3.0	1.0	
PROJECT: Blue Diamond Wash - Pebble, Blue Diamond Wash to Rainbow											
BDW4 0000	3	2	3	3	3	2	2	3	3	2	73.0
	15.0	9.0	12.0	10.5	9.0	5.0	4.0	4.5	3.0	1.0	
PROJECT: Blue Diamond Wash - Wigwam - Rainbow to Buffalo, and Buffalo - Wigwam to Ford											
BDW1 0122, 0220	2	3	3	2	3	2	3	3	2	2	70.0
	10.0	13.5	12.0	7.0	9.0	5.0	6.0	4.5	2.0	1.0	

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM
DRAFT

	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2021 THRU 6/2024					SECOND FIVE YEARS 7/2024 THRU 6/2031				
				(Year 1) FY 21/22	(Year 2) FY 22/23	(Year 3) FY 23/24	(Year 4) FY 24/25	(Year 5) FY 25/26	(Year 6) FY 26/27	(Year 7) FY 27/28	(Year 8) FY 28/29	(Year 9) FY 29/30	(Year 10) FY 30/31
TOTAL PLAN			\$863,582,254	\$80,661,141	\$48,837,246	\$143,443,336	\$46,478,104	\$48,713,132	\$148,186,189	\$48,829,232	\$81,666,770	\$148,312,121	\$46,163,068
Unencumbered from previous year	\$75,593,943												
			\$788,310,606	\$33,525,693	\$30,531,817	\$40,696,522	\$33,576,945	\$19,747,077	\$69,197,785	\$60,423,305	\$54,650,473	\$54,455,236	\$65,271,649
ENTITY RESOURCES			\$49,363,176	(\$2,376,677)	\$3,310,192	\$10,203,116	\$3,305,771	\$3,536,002	\$10,386,359	\$3,480,333	\$3,674,063	\$10,549,433	\$3,283,576
Unencumbered from previous year	(\$6,686,388)												
			\$44,447,363	\$0	\$579,014	\$9,089,230	\$638,230	\$5,906,230	\$9,182,614	\$6,272,164	\$3,234,142	\$8,828,933	\$716,806
HYDROGRAPHIC BASIN: PITTMAN			\$827,312,090	\$0	\$879,014	\$9,089,230	\$638,230	\$6,890,332	\$8,993,311	\$6,272,164	\$0	\$6,960,233	\$0
SYSTEM: Pittman Burns			\$98,633,140	\$0	\$0	\$7,081,148	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Pittman Sunset, Burns to Foster								\$416,005					
Design/Admin	PTBH 0001, 0014, 0018	Design Started 18/20	\$980,240										
Right-of-way	PTBLJ 0034, 0037, 0067, 0069	HEH12K19	\$784,190										
Construction			\$4,801,200					\$5,201,183					
PROJECT: Galleria to Sunset													
Design/Admin	PTBLJ 0001, 0008, 0023, 0033, 0032		\$597,510										
Right-of-way			\$478,000										
Construction		Developer Participation	\$2,987,470					\$1,463,800					
SYSTEM: Pittman Beltway			\$292,465,180	\$0	\$0	\$1,163,937	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Pittman Anthem Parkway Channel, Sierra Heights to Horizon Ridge								\$86,717					
Design/Admin			\$203,110										
Right-of-way	PTAP 0018		\$182,480										
Construction			\$1,015,590					\$1,077,720					
SYSTEM: Upper Pittman			\$39,658,020	\$0	\$579,014	\$844,144	\$638,230	\$5,580,332	\$8,993,311	\$6,272,164	\$0	\$6,950,233	\$0
PROJECT: Southeast Pittman Detention Basin								\$544,144	\$603,063				
Design/Admin	PTBE 0082, 0083, 0084 & PTBD 0000		\$1,325,780										
Right-of-way			\$1,080,800										
Construction			\$8,628,770					\$7,612,163					
PROJECT: Pittman Oileapple								\$638,230	\$460,427				
Design/Admin	PTOL 0001, 0011		\$982,710										
Right-of-way			\$796,180										
Construction			\$4,913,530					\$5,611,737					
PROJECT: Pittman Wash South Phase 1 - Pittman North Detention Basin to Larson Lane									\$466,906			\$510,203	
Design/Admin	PTBD 0016, 0017, 0043		\$1,026,440										
Right-of-way			\$821,140						\$311,178				\$6,440,029
Construction			\$5,132,170										
PROJECT: Southwest Pittman Detention Basin								\$409,636					
Design/Admin	PTBD 0233, 0234 & PTH2 0167		\$927,550		\$579,014								
Right-of-way			\$742,040										
Construction			\$4,637,790					\$5,170,696					
HYDROGRAPHIC BASIN: C-1			\$199,672,940	\$0	\$0	\$0	\$0	\$325,898	\$189,303	\$0	\$3,234,142	\$1,878,700	\$716,806
SYSTEM: C-1			\$199,672,940	\$0	\$0	\$0	\$0	\$325,898	\$189,303	\$0	\$3,234,142	\$1,878,700	\$716,806
PROJECT: Cadiz Storm Drain - Racetrack to Pueblo								\$325,898		\$237,412			
Design/Admin	C1CA 0000		\$491,980										
Right-of-way			\$363,570										
Construction			\$2,459,790						\$2,696,730				
PROJECT: C-1 Channel, SHWA Drop Structure to Lake Mead													\$716,806
Design/Admin			\$933,380										
Right-of-way	CHCH 0161, 0173, 0204		\$746,710										
Construction			\$5,057,770										
PROJECT: Lake Mead - Warm Springs to Burkholder									\$189,303			\$137,905	
Design/Admin	C1LM 0144, 0198, 0199, 0182, 0184		\$277,440										
Right-of-way			\$221,870										
Construction			\$1,387,270									\$1,740,796	

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
DRAFT

TOTAL PLAN	Fac. ID Mile Range	Existing Values Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2021 THRU 6/2026					SECOND FIVE YEARS 7/2026 THRU 6/2031				
					(Year 1) FY 21/22	(Year 2) FY 22/23	(Year 3) FY 23/24	(Year 4) FY 24/25	(Year 5) FY 25/26	(Year 6) FY 26/27	(Year 7) FY 27/28	(Year 8) FY 28/29	(Year 9) FY 29/30	(Year 10) FY 30/31
					Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources
TOTAL PLAN				\$863,582,254	\$60,561,141	\$46,837,268	\$143,443,336	\$48,476,104	\$49,713,132	\$146,186,189	\$46,929,232	\$81,666,770	\$148,312,121	\$46,183,069
Unencumbered from previous year	\$75,593,943													
ENTITY RESOURCES				\$798,310,606	\$33,525,693	\$30,531,817	\$40,686,522	\$33,578,945	\$19,747,077	\$68,197,785	\$80,423,305	\$54,650,473	\$54,495,236	\$65,271,649
Unencumbered from previous year	\$294,131													
ENTITY TOTAL				\$263,423,779	\$13,237,809	\$19,897,606	\$46,237,869	\$27,495,827	\$12,963,826	\$23,264,477	\$15,352,920	\$45,759,206	\$59,214,237	\$0
HYDROGRAPHIC BASIN: CENTRAL				\$179,681,233	\$3,434,661	\$0	\$46,180,789	\$27,496,827	\$1,427,311	\$19,904,647	\$16,382,930	\$37,234,139	\$34,661,679	\$0
SYSTEM: LV Wash I-15 Tributary				\$23,080,793	\$555,166	\$0	\$3,323,245	\$0	\$0	\$1,519,197	\$0	\$6,285,014	\$6,367,171	\$0
PROJECT: Freeway Channel - Washington, Valley View to Michael Way														
Design/Admin				\$1,388,330										\$689,091
Right-of-way	LV18 0802			\$1,109,089						\$845,933				
Construction				\$8,931,850										\$8,888,081
PROJECT: Freeway Channel - Washington, Rancho to Valley View														
Design/Admin				\$1,260,270										
Right-of-way	LV18 0828			\$1,008,210						\$573,273				\$608,186
Construction				\$6,501,330										\$7,676,828
PROJECT: Lake Mead - Carey - Lake Mead Detention Basin Outfall														
Design/Admin				\$20,790										
Design/Admin	LVLM 0221	Design Started 19/20		\$16,630										
Construction		NLV18A19		\$103,930										
PROJECT: Owens Avenue System - Vegas Storm Drain, Shadow Mountain to Jones														
Design/Admin		Design Started 20/21		\$579,920				\$246,166						
Right-of-way	LVOW 0080	LAS18E20		\$463,940										
Construction				\$2,859,600				\$3,077,076						
SYSTEM: LV Wash Central				\$98,157,160	\$2,876,885	\$0	\$29,472,854	\$27,495,827	\$1,427,311	\$15,211,264	\$13,751,813	\$7,919,206	\$0	\$0
PROJECT: Las Vegas Wash - Stewart to Bonanza														
Design/Admin				\$1,204,620										
Right-of-way	LVMD 1121 & 1149			\$863,690										\$581,330
Construction				\$4,023,110						\$821,939				\$7,337,676
PROJECT: Meadows - Charleston Storm Drain, Essex to Lindell														
Design/Admin		Design Started 20/21		\$1,362,180										
Right-of-way	MECH 0008, 0081	LAS09L20		\$1,089,750						\$578,223				
Construction				\$6,810,920						\$15,400,000				
PROJECT: Las Vegas Wash - Stewart, Las Vegas Wash to Lamb														
Design/Admin		Design Started 20/21		\$1,698,110										
Right-of-way	LV8T 0000	LAS25C20		\$1,358,490										
Construction				\$8,490,570										\$9,010,261
PROJECT: Meadows Detention Basin Upgrade														
Design/Admin				\$117,440										
Right-of-way	LCME 001A, 0021	LVVWD cost participation		\$83,950										
Construction		Eng'r's Est		\$567,190										\$2,035,000
PROJECT: Owens Avenue East - LV Wash to Eastern														
Design/Admin				\$3,810,710										
Right-of-way	LVOE 0000, 0085			\$3,049,610										
Construction				\$18,053,810										\$20,624,467
PROJECT: Meadows/Charleston-Via Olivero, Montessori to Buffalo														
Design/Admin				\$863,290										
Right-of-way	MECH 0424			\$714,630										
Construction				\$4,466,460										\$4,834,640
PROJECT: Owens Avenue East - Eastern to Main														
Design/Admin				\$2,322,120										
Right-of-way	LVOE 0134			\$1,857,680										
Construction				\$11,610,560										\$13,333,036
PROJECT: Las Vegas Wash - Stewart, Lamb to Mojave														
Design/Admin				\$2,154,600										
Right-of-way	LV8T 0088, 0188			\$1,723,680										
Construction				\$10,772,890										\$12,742,323
SYSTEM: Sahara Boulder Highway				\$58,454,280	\$0	\$0	\$7,364,860	\$0	\$0	\$3,174,067	\$1,601,107	\$21,029,910	\$25,264,508	\$0
PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy.														
Design/Admin		Pre - Design Started 09/10		\$2,787,570										
Right-of-way	8H8A 0000, 0098	LAS27A08		\$2,214,050										
Construction				\$13,637,630										\$16,656,447
PROJECT: Sahara Avenue - Eastern Lateral														
Design/Admin				\$431,380										
Right-of-way	8H8A 0000			\$345,100										
Construction				\$2,156,880										\$2,627,711
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern														
Design/Admin				\$2,278,210										
Right-of-way	8H8A 0078			\$1,822,570										
Construction				\$11,381,060										\$14,283,607
PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland														
Design/Admin		design start in 17/18		\$1,208,650										
Right-of-way	FL8H 0281, 0312	LAS29D17		\$1,030,920										
Construction				\$6,443,270										\$6,837,850
PROJECT: Las Vegas Wash - Cedar Channel/Bonanza - Las Vegas Wash to Lamb														
Design/Admin				\$1,452,940										
Right-of-way	LV8E 0080			\$1,182,350										
Construction	CACH 0001, 0020			\$7,264,690										\$9,115,991

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
DRAFT

	Fac. ID Misc Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2021 THRU 6/2026					SECOND FIVE YEARS 7/2026 THRU 6/2031						
					(Year 1) FY 2122	(Year 2) FY 2223	(Year 3) FY 2324	(Year 4) FY 2425	(Year 5) FY 2526	(Year 6) FY 2627	(Year 7) FY 2728	(Year 8) FY 2829	(Year 9) FY 2930	(Year 10) FY 3031		
TOTAL PLAN				\$863,582,254	\$80,861,141	\$48,537,246	\$143,443,336	\$48,478,104	\$48,713,132	\$148,188,169	\$48,829,232	\$81,888,770	\$148,312,121	\$48,163,088		
Unencumbered from previous year	\$75,583,943			\$798,310,606	\$33,525,693	\$30,531,617	\$40,886,522	\$33,578,945	\$19,747,077	\$88,197,785	\$80,423,305	\$54,850,473	\$54,455,238	\$85,271,649		
ENTITY RESOURCES				\$284,756,839	\$22,156,620	\$18,799,863	\$51,782,849	\$18,777,449	\$17,946,373	\$52,773,730	\$17,883,386	\$18,851,273	\$33,540,474	\$18,884,802		
Unencumbered from previous year	\$294,131			\$263,423,779	\$8,918,811	\$5,821,088	\$11,368,068	\$647,880	\$5,830,237	\$35,138,490	\$37,449,958	\$10,342,022	\$4,988,259	\$21,333,081		
ENTITY TOTAL				\$1,372,662,650	\$1,372,662,650	\$1,372,662,650	\$1,372,662,650	\$1,372,662,650	\$1,372,662,650	\$1,372,662,650	\$1,372,662,650	\$1,372,662,650	\$1,372,662,650	\$1,372,662,650		
HYDROGRAPHIC BASIN: GOWAN				\$447,892,186	\$127,415,880	\$62,941,536	\$9,803,758	\$10,841,973	\$0	\$0	\$6,258,138	\$2,475,109	\$0	\$0	\$24,862,558	\$0
SYSTEM: Gowan North				\$273,309,150	\$126,944,520	\$52,941,536	\$9,803,758	\$10,841,973	\$0	\$0	\$5,258,138	\$2,475,109	\$0	\$0	\$24,562,558	\$0
PROJECT: Gowan Outfall - Clayton Branch																
Design/Admin					\$2,055,290											
Right-of-way	GOCL 0000				\$1,844,230											
Construction					\$10,276,480						\$1,402,398					\$1,021,605
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial																
Design/Admin					\$1,323,640											
Right-of-way	GOEC 0100, 0128, 0182, 0178	Design Started in 17118			\$1,058,810											
Construction		LA524,17			\$8,616,180											
Eng's Est																
PROJECT: Gowan - Alexander Rd., Rancho to Decatur																
Design/Admin					\$1,832,700											
Right-of-way	GOAL 0000, 0058	Design Started in 13114			\$1,458,180											
Construction					\$9,183,480											
Eng's Est																
PROJECT: Gowan - Craig and US-95																
Design/Admin					\$1,572,180											
Right-of-way	GOAL 0188, 0347				\$1,257,750											
Construction					\$7,860,980											
PROJECT: Gowan - Rancho, Alexander to Jones and Alexander Branch																
Design/Admin					\$874,010											
Right-of-way	GOAL 0100, 00A2 0000				\$986,200											
Construction					\$4,370,010											
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH				\$398,826,720	\$203,658,652	\$30,801,009	\$0	\$9,855,633	\$6,057,110	\$0	\$6,278,377	\$884,821	\$0	\$8,525,068	\$0	\$0
SYSTEM: Ann Road				\$90,182,950	\$22,381,710	\$9,409,889	\$0	\$0	\$0	\$0	\$884,821	\$0	\$8,525,068	\$0	\$0	
PROJECT: Ann Road Channel West - Jones, Ann to Tropical																
Design/Admin					\$814,940											
Right-of-way	ANLD 0000				\$481,950											
Construction					\$3,074,710											
PROJECT: Ann Road Channel West - Decatur, Ann to Tropical																
Design/Admin					\$881,840											
Right-of-way	ANDE 0000				\$545,470											
Construction					\$3,409,200											
SYSTEM: Upper Western Tributary				\$264,027,000	\$37,904,552	\$21,391,120	\$0	\$9,055,633	\$6,057,110	\$0	\$6,278,377	\$0	\$0	\$0	\$0	\$0
PROJECT: Brent Drainage System - Durango to OHare																
Design/Admin					\$1,495,900											
Right-of-way	BRDB 0107, 0187	Design Started 18/20			\$1,198,720											
Construction		LA232U18			\$7,479,480											
PROJECT: Centennial Pkwy Channel West - Farm Rd - Oso Blanco to Tee Pee																
Design/Admin					\$1,058,991											
Right-of-way	CHFR 0000				\$845,593											
Construction					\$5,284,954											
PROJECT: Centennial Pkwy Channel West - Farm Rd - Tee Pee to Mustopal																
Design/Admin					\$1,043,586											
Right-of-way	CHFR 0400				\$834,888											
Construction					\$5,217,929											

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
DRAFT

	Fac ID	Existing Value	Project Cost	Total	FIRST FIVE YEARS 7/2021 THRU 6/2026					SECOND FIVE YEARS 7/2026 THRU 6/2031				
					Mile Range	Comments	Per MPU	Plan	(Year 1)	(Year 2)	(Year 3)	(Year 4)	(Year 5)	(Year 6)
					FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30	FY 30/31
TOTAL PLAN			Annual Resources	\$863,582,254	\$80,861,141	\$48,637,346	\$143,443,336	\$46,476,104	\$48,713,132	\$146,186,168	\$48,829,232	\$81,646,770	\$148,312,121	\$48,163,058
Unencumbered from previous year	\$75,583,843		Cumulative Available Resources	\$798,310,606	\$33,525,883	\$30,531,817	\$40,888,522	\$33,576,845	\$19,747,077	\$68,197,785	\$80,423,305	\$54,650,473	\$54,455,238	\$85,271,648
ENTITY RESOURCES			Annual Resources	\$200,340,223	\$24,348,187	\$11,258,112	\$34,704,345	\$11,244,078	\$12,027,478	\$35,388,423	\$11,837,824	\$12,489,885	\$35,882,267	\$11,188,582
Unencumbered from previous year	\$9,688,177		Cumulative Available Resources		\$16,478,002	\$12,901,483	\$19,028,555	\$20,675,872	\$3,042,484	\$13,905,841	\$22,628,861	\$35,128,857	\$31,451,455	\$28,448,374
ENTITY TOTAL				\$170,893,849	\$7,869,196	\$14,836,631	\$28,577,273	\$9,596,960	\$29,660,687	\$24,504,946	\$3,114,804	\$0	\$39,559,689	\$13,173,664
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH				\$420,834,870	\$182,748,946	\$38,162,864	\$7,069,196	\$7,897,167	\$8,829,863	\$8,293,280	\$0	\$0	\$0	\$0
SYSTEM: LV Wash Craig				\$192,994,230	\$37,822,500	\$11,952,202	\$658,922	\$0	\$5,000,000	\$6,293,280	\$0	\$0	\$0	\$0
PROJECT: North Las Vegas Detention Basin Upgrade														
Design/Admin				\$1,078,870					\$486,166					
Right-of-way	LVLP 0408			\$881,340										
Construction				\$5,383,350					\$5,827,111					
PROJECT: Las Vegas Wash - Iron Mountain, Bradley to Decatur														
Design/Admin				\$1,483,030					\$400,000					
Right-of-way	IPMO 0000			\$1,186,420										
Construction				\$7,415,130					\$4,600,000					
SYSTEM: Cheyenne Lamb Nellis				\$79,573,170	\$132,842,546	\$23,210,361	\$6,410,274	\$7,897,167	\$820,583	\$0	\$0	\$8,073,358	\$0	\$0
PROJECT: Lake Mead Storm Drain, Las Vegas Wash to Civic Center														
Design/Admin				\$1,405,850					\$554,875					
Right-of-way	LVLE 0000, 0047			\$1,124,620										
Construction				\$7,028,250					\$7,312,181					
PROJECT: Las Vegas Boulevard Storm Drain														
Design/Admin				\$1,302,880					\$829,563				\$582,647	
Right-of-way	LVLV 0000			\$1,043,290									\$7,680,711	
Construction				\$8,514,300										
PROJECT: Las Vegas Wash Cartier Channel														
Design/Admin				\$1,183,815					\$474,837					
Right-of-way	LVCC 0000 0030 0035			\$831,048										
Construction				\$5,819,058					\$5,955,437					

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
DRAFT

	Fec ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2021 THRU 6/2026					SECOND FIVE YEARS 7/2026 THRU 6/2031				
					(Year 1) FY 21/22	(Year 2) FY 22/23	(Year 3) FY 23/24	(Year 4) FY 24/25	(Year 5) FY 25/26	(Year 6) FY 26/27	(Year 7) FY 27/28	(Year 8) FY 28/29	(Year 9) FY 29/30	(Year 10) FY 30/31
TOTAL PLAN			Annual Resources	\$863,582,254	\$90,861,141	\$48,637,246	\$143,443,336	\$48,476,104	\$46,713,132	\$146,186,169	\$48,929,332	\$61,666,770	\$148,312,121	\$48,163,069
Unencumbered from previous year	\$75,583,943		Cumulative Available Resources	\$798,310,606	\$33,525,893	\$30,531,817	\$40,888,522	\$33,576,945	\$19,747,077	\$88,197,785	\$80,423,305	\$54,650,473	\$54,455,236	\$95,271,648
ENTITY RESOURCES			Annual Resources	\$283,226,788	\$78,105,286	\$13,122,874	\$40,448,464	\$13,105,151	\$14,016,217	\$41,222,459	\$13,797,172	\$14,568,826	\$41,821,375	\$13,017,160
Unencumbered from previous year	\$61,028,127		Cumulative Available Resources		\$4,749,154	\$4,128,071	\$3,786,075	\$1,949,812	\$5,484,129	\$8,407,947	\$16,692,967	\$5,281,165	\$8,535,908	\$99,867
ENTITY TOTAL				\$1,556,209,874	\$73,356,135	\$13,742,756	\$40,791,461	\$15,241,415	\$10,183,900	\$40,296,641	\$3,522,151	\$25,970,609	\$36,563,654	\$21,456,179
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond		\$609,793,980	\$301,091,880	\$81,374,369	\$24,010,228	\$903,968	\$36,040,492	\$0	\$8,712,036	\$0	\$1,163,296	\$0	\$0	\$11,644,349
SYSTEM: Blue Diamond Tributaries		\$76,756,640	\$61,719,030	\$48,294,756	\$18,270,774	\$903,968	\$7,700,333	\$0	\$8,712,036	\$0	\$1,163,296	\$0	\$0	\$11,544,349
PROJECT: Blue Diamond Wash - Arville to I-15														
Design/Admin	BOWA 0276	Design Started 18/19	\$1,050,120	\$7,810,383	\$510,952									
Right-of-way			\$840,090											
Construction			\$5,290,580		\$7,289,311									
PROJECT: Duck Cr. / Blue Diamond, Bermuda Road to Las Vegas Blvd.														
Design/Admin		Design Started 18/19	\$991,380	\$10,480,511	\$404,463									
Right-of-way	DCBD 0076, 0082 & 0084	CLA38A19	\$793,100											
Construction			\$4,956,890		\$10,050,028									
PROJECT: Blue Diamond Channel, Amigo to Haven														
Design/Admin	BOWA 0087, 0111, 0113, 0137, 0138, 0174, 0178	Design Started 20/21	\$1,343,740	\$7,700,333			\$570,395							
Right-of-way		CLA16P21	\$1,075,010											
Construction			\$6,718,700				\$7,129,938							
PROJECT: Blue Diamond Wash - Wigwam - Rainbow to Buffalo, and Buffalo - Wigwam to Ford														
Design/Admin	BOW1 0122, 0220		\$1,855,250	\$12,707,844						\$1,163,296				\$847,443
Right-of-way			\$1,324,200											
Construction			\$6,276,280											\$10,696,905
PROJECT: Blue Diamond Wash - Pebble, Blue Diamond Wash to Rainbow														
Design/Admin	BOW4 0000		\$1,448,110	\$8,816,004		\$903,968			\$639,532					
Right-of-way			\$1,158,490											
Construction			\$7,240,530						\$8,072,504					
SYSTEM: Upper Duck Creek			\$121,009,340	\$75,203,030	\$9,870,831	\$3,500,000	\$0	\$8,370,831	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Blue Diamond Channel 02, Decatur - La Baron to Richmar - Phase 2														
Design/Admin			\$0	\$3,800,000	\$500,000									
Right-of-way	BD02 0330, 0334		\$0											
Construction		Phase 2	\$1,824,638		\$3,000,000									
PROJECT: Blue Diamond Railroad Channel														
Design/Admin	BOW5 0028, BDW2 0000	Design Started 20/21	\$1,111,740	\$6,370,831			\$471,815							
Right-of-way		CLA36Q20	\$889,380											
Construction			\$5,558,680				\$5,866,816							
SYSTEM: Lower Duck Creek			\$178,428,900	\$39,736,410	\$23,208,783	\$2,239,455	\$0	\$20,969,328	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Duck Creek, Sunset Park														
Design/Admin	DCBP 0000, 0116		\$3,658,240	\$23,208,783	\$2,239,455		\$1,553,280							
Right-of-way			\$2,827,380											
Construction			\$18,296,170				\$19,416,042							

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
DRAFT

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2021 THRU 6/2026					SECOND FIVE YEARS 7/2026 THRU 6/2031				
					(Year 1) FY 21/22	(Year 2) FY 22/23	(Year 3) FY 23/24	(Year 4) FY 24/25	(Year 5) FY 25/26	(Year 6) FY 26/27	(Year 7) FY 27/28	(Year 8) FY 28/29	(Year 9) FY 29/30	(Year 10) FY 30/31
TOTAL PLAN				\$863,582,254										
Unencumbered from previous year	\$75,593,843			\$798,310,606	\$80,981,141	\$48,837,249	\$143,443,338	\$48,478,104	\$49,713,132	\$148,188,189	\$48,928,232	\$61,888,770	\$148,312,121	\$48,183,059
ENTITY RESOURCES				\$283,226,788	\$78,105,288	\$13,122,874	\$40,448,484	\$13,105,151	\$14,018,217	\$41,222,459	\$13,797,172	\$14,568,826	\$41,821,375	\$13,017,160
Unencumbered from previous year	\$81,028,127			\$283,226,788	\$4,749,154	\$4,128,071	\$3,786,075	\$1,849,812	\$5,484,129	\$6,407,847	\$16,882,967	\$5,281,165	\$8,538,906	\$90,887
ENTITY TOTAL				\$283,126,901	\$73,356,135	\$13,742,756	\$40,791,461	\$15,241,415	\$10,183,900	\$40,298,641	\$3,522,151	\$25,970,609	\$38,563,654	\$21,456,179
HYDROGRAPHIC BASIN: Outlying Areas		\$86,886,844	\$278,761,894	\$87,881,225	\$11,824,874	\$2,278,482	\$1,332,097	\$14,191,083	\$416,100	\$13,067,181	\$2,368,866	\$1,899,871	\$19,812,903	\$0
SYSTEM: Goodsprings		\$144,121	\$5,720,856	\$2,924,850	\$2,924,850	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Goodsprings - Phase I														
Design/Admn	GSPA 0000, 0018, 0019, 0027 & 0029	Design Started 09/10	\$482,501	\$2,824,850	\$188,700	\$377,402								
Right-of-way														
Construction														
SYSTEM: Muddy River & Tributaries		\$37,360,300	\$158,819,300	\$34,859,819	\$2,832,238	\$0	\$0	\$12,178,278	\$0	\$1,817,071	\$0	\$0	\$18,032,233	\$0
PROJECT: Muddy River - Cooper to Yamashita														
Design/Admn	MRLV 0385, 0423, 0424, 0442, 0443, 0458, 0459, 0507, 0508		\$2,083,490	\$18,010,818	\$1,275,088	\$1,557,142		\$802,095						
Right-of-way														
Construction														
PROJECT: Ryan Avenue to Lewis														
Design/Admn	MRLV 0184, 0188, 0240, 0288, 0278		\$2,883,070	\$19,848,304					\$1,817,071				\$1,323,708	
Right-of-way			\$0											\$18,708,524
Construction			\$13,315,310											
SYSTEM: Mount Charleston		\$24,198	\$1,587,384	\$1,739,951	\$0	\$0	\$0	\$0	\$0	\$159,281	\$0	\$0	\$1,580,670	\$0
PROJECT: Rainbow Canyon Boulevard Bridge														
Design/Admn			\$233,438	\$1,739,951						\$159,281			\$116,033	
Right-of-way	MTCH 0001		\$186,751											
Construction			\$1,187,194										\$1,464,637	
SYSTEM: Laughlin		\$45,336,505	\$103,177,772	\$18,050,160	\$210,748	\$0	\$1,232,097	\$2,012,806	\$244,828	\$11,990,829	\$2,358,855	\$0	\$0	\$0
PROJECT: Bridge Canyon Detention Basin														
Design/Admn			\$1,835,054	\$19,222,808			\$1,232,097			\$880,220				
Right-of-way	LLH8 0418, 0418, 0417		\$1,548,043											
Construction			\$8,875,282							\$11,110,609				
PROJECT: Hiko Detention Basin Expansion														
Design/Admn			\$344,358	\$210,748				\$148,097						
Right-of-way	LLH8 0244		\$275,485					\$1,863,708						
Construction			\$1,721,779											
PROJECT: Laughlin Marina to Desert Marina Drive														
Design/Admn	LLMA 0000,0001, 0013, 0014		\$389,580	\$2,803,883					\$244,828		\$173,156			
Right-of-way			\$295,685								\$2,185,097			
Construction			\$1,847,898											
SYSTEM: Searchlight		\$3,608,566	\$6,897,876	\$7,727,983	\$5,857,039	\$0	\$0	\$0	\$171,273	\$0	\$0	\$1,899,871	\$0	\$0
PROJECT: Searchlight - West - State Hwy 164														
Design/Admn	SRWE 0001, 0002, 0003, 0005, & 0023	Design Started 19/20	\$700,263	\$6,887,038	\$285,707									
Right-of-way			\$580,211											
Construction			\$3,501,306						\$5,571,332					
PROJECT: Searchlight - West														
Design/Admn	SRWE 0048, 0088, 0091		\$258,545	\$1,670,944					\$171,273			\$124,770		
Right-of-way			\$208,936										\$1,574,801	
Construction			\$1,292,718											
SYSTEM: Bunkerville		\$10,212,354	\$2,958,808	\$2,278,482	\$0	\$2,278,482	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Windmill Wash Detention Basin and Jess Walls Levee Facilities														
Design/Admn	JLWA 0188, 0188	Design Started 10/11	\$81,812	\$2,278,482		\$38,165								
Right-of-way			\$0											
Construction			\$2,031,507			\$2,242,297								

EXHIBIT C

CITY OF BOULDER CITY
10-YEAR CONSTRUCTION PROGRAM
DRAFT

	Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2021 THRU 6/2026					SECOND FIVE YEARS 7/2026 THRU 6/2031				
					(Year 1) FY 21/22	(Year 2) FY 22/23	(Year 3) FY 23/24	(Year 4) FY 24/25	(Year 5) FY 25/26	(Year 6) FY 26/27	(Year 7) FY 27/28	(Year 8) FY 28/29	(Year 9) FY 29/30	(Year 10) FY 30/31
TOTAL PLAN				\$863,582,254										
Unencumbered from previous year	\$75,583,943			\$798,310,606	\$33,525,893	\$30,531,617	\$40,688,522	\$33,576,945	\$19,747,077	\$68,197,795	\$80,423,305	\$54,850,473	\$54,455,238	\$85,271,848
ENTITY RESOURCES				\$11,820,972	\$147,309	\$748,824	\$2,301,981	\$745,827	\$787,780	\$2,348,010	\$785,210	\$829,126	\$2,380,085	\$740,818
Unencumbered from previous year	(\$824,588)				\$147,309	\$419,016	\$2,080,181	\$3,438,008	(\$894,558)	\$1,342,500	\$2,127,711	\$482,191	\$1,778,402	\$2,519,221
ENTITY TOTAL		\$70,034,560	\$37,286,080	\$9,301,752	\$0	\$478,115	\$30,798	\$0	\$4,828,357	\$408,951	\$0	\$2,474,645	\$1,083,885	\$0
HYDROGRAPHIC BASIN: Boulder City		\$70,034,560	\$37,286,080	\$9,301,752	\$0	\$478,115	\$30,798	\$0	\$4,828,357	\$408,951	\$0	\$2,474,645	\$1,083,885	\$0
SYSTEM: Georgia/Buchanan		\$17,476,410	\$9,512,310	\$8,971,222	\$0	\$475,115	\$0	\$0	\$4,828,357	\$109,219	\$0	\$2,474,645	\$1,083,885	\$0
PROJECT: Avenue J Storm Drain														
Design/Admin			\$781,110			\$475,115			\$338,131					
Right-of-way	OBOR 0188, 0204, 0216, 0218, 0302		\$0	\$9,084,107										
Construction			\$3,805,580						\$4,242,661					
PROJECT: Georgia Buchanan Confluence Facilities														
Design/Admin			\$378,430						\$248,385			\$181,850		
Right-of-way	OBOR 0003, 088C 0020		\$0	\$2,724,011										
Construction			\$1,882,140									\$2,292,387		
PROJECT: Georgia Avenue Facilities - Vaquero Drive Bridge														
Design/Admin			\$180,070							\$109,219				\$79,565
Right-of-way	OBOR 0088		\$0	\$1,183,104										\$1,004,320
Construction			\$900,389											
SYSTEM: North Railroad		\$18,856,160	\$290,230	\$330,530	\$0	\$0	\$30,798	\$0	\$0	\$299,732	\$0	\$0	\$0	\$0
PROJECT: Wells Drive Levee Lining														
Design/Admin			\$48,370	\$330,530			\$30,798			\$22,003				
Right-of-way	NREN 0088		\$0											
Construction			\$241,850							\$277,729				

EXHIBIT C

CITY OF MESQUITE
10-YEAR CONSTRUCTION PROGRAM
DRAFT

Fac. ID Mile Range	Existing Value Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2021 THRU 6/2026					SECOND FIVE YEARS 7/2026 THRU 6/2031							
				(Year 1) FY 21/22	(Year 2) FY 22/23	(Year 3) FY 23/24	(Year 4) FY 24/25	(Year 5) FY 25/26	(Year 6) FY 26/27	(Year 7) FY 27/28	(Year 8) FY 28/29	(Year 9) FY 29/30	(Year 10) FY 30/31			
TOTAL PLAN																
Unencumbered from previous year	\$75,593,943		\$863,582,254	\$80,581,141	\$48,837,948	\$143,643,338	\$48,476,104	\$48,713,192	\$168,186,189	\$48,829,232	\$81,868,770	\$148,312,121	\$48,183,058			
			\$798,310,606	\$33,525,893	\$30,531,817	\$40,688,522	\$33,578,945	\$19,747,077	\$88,197,785	\$80,423,305	\$54,850,473	\$54,455,238	\$85,271,648			
ENTITY RESOURCES																
Unencumbered from previous year	\$12,086,495		\$34,074,256	\$13,776,345	\$1,288,581	\$4,002,800	\$1,288,827	\$1,387,180	\$4,079,191	\$1,385,307	\$1,441,888	\$4,138,457	\$1,288,120			
				\$5,610,095	\$6,908,659	\$2,351,256	\$3,033,635	\$4,421,015	\$8,422,375	\$1,348,008	\$2,787,674	\$5,889,173	\$6,907,283			
ENTITY TOTAL				\$73,204,520	\$64,832,221	\$27,116,963	\$8,166,251	\$0	\$8,560,000	\$614,249	\$0	\$77,831	\$8,441,674	\$0	\$1,256,958	\$0
HYDROGRAPHIC BASIN: Mesquite				\$73,204,520	\$64,832,221	\$27,116,963	\$8,166,251	\$0	\$8,560,000	\$814,249	\$0	\$77,831	\$8,441,674	\$0	\$1,256,958	\$0
SYSTEM: Town Wash				\$31,271,987	\$20,342,184	\$17,222,174	\$8,166,251	\$0	\$0	\$814,249	\$0	\$0	\$8,441,674	\$0	\$0	\$0
PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash																
Design/Admin	TWMB 0000	Design started 17/18	\$823,347													
Right-of-Way	8ru 0044,	MES01E17	\$454,532	\$8,166,251												
Construction	TOWA 0120	Eng Cost Est	\$4,458,929													
PROJECT: Town Wash Mesa Boulevard, El Dorado to Chaparral																
Design/Admin	TWMB 0052, 0084		\$891,493						\$814,249			\$443,127				
Right-of-way	0094		\$713,185	\$8,085,823												
Construction			\$6,374,180									\$7,989,547				
SYSTEM: Virgin River				\$0	\$20,376,880	\$9,894,789	\$0	\$0	\$8,560,000	\$0	\$0	\$77,831	\$0	\$0	\$1,256,958	\$0
PROJECT: Virgin River Flood Wall																
Design/Admin	VREC 0000	Design started 15/18	\$78,530					\$580,000								
Right-of-way		MES04A15	\$82,823	\$8,890,000												
Construction		Eng Cost Est	\$485,287					\$8,000,000								
PROJECT: Virgin River Erosion Protection, Phase I																
Design/Admin	VREC 0203, 0323,		\$107,920									\$77,831		\$58,698		
Right-of-way	0508, 0518		\$928,240	\$1,334,788												
Construction			\$801,600											\$1,200,280		

**EXHIBIT D
FISCAL YEAR 2021 - 2022
PROJECT LIST**

		(Year 1) FY 21/22	(Year 2) FY 22/23	(Year 3) FY 23/24
CITY OF HENDERSON		TOTAL ELIGIBLE YEAR 1		
		\$8,245,085		
HYDROGRAPHIC BASIN: PITTMAN		\$0	\$0	\$8,245,085
ENTITY TOTAL		\$0	\$0	\$8,245,085
SYSTEM: Pittman Burns		\$0	\$0	\$7,081,148
PROJECT: Pittman Sunset, Burns to Foster				
Design/Admin	PTBH 0000, 0014, 0015, PTSU 0034, 0037, 0067, 0088			\$416,095
Construction				\$5,201,193
PROJECT: Galleria to Sunset				
Construction	PTSU 0000, 0008, 0023, 0028, 0032			\$1,463,860
SYSTEM: Pittman Bellway		\$0	\$0	\$1,163,937
PROJECT: Pittman Anthem Parkway Channel, Siens Heights to Horizon Ridge				
Design/Admin	PTAP 0018			\$86,217
Construction				\$1,077,720
CITY OF LAS VEGAS		TOTAL ELIGIBLE YEAR 1		
		\$76,697,693		
HYDROGRAPHIC BASIN: CENTRAL		\$13,237,809	\$18,700,566	\$44,759,318
ENTITY TOTAL		\$13,237,809	\$18,700,566	\$44,759,318
SYSTEM: LV Wash I-15 Tributary		\$3,434,051	\$0	\$38,702,207
PROJECT: Lake Mead - Caray - Lake Mead Detention Basin Outfall				
Design/Admin	LVLMI 0221	\$6,482		
Construction		\$546,684		
PROJECT: Owens Avenue System - Vegas Storm Drain, Shadow Mountain to Jones				
Design/Admin	LVOV 0390			\$246,166
Construction				\$3,077,079
SYSTEM: LV Wash Central		\$2,878,885	\$0	\$27,994,303
PROJECT: Meadows - Charleston Storm Drain, Essex to Lindell				
Design/Admin	MECH 0000, 0081			\$578,223
Construction				\$15,400,000
PROJECT: Las Vegas Wash - Stewart, Las Vegas Wash to Lamb				
Design/Admin	LVST 0000			\$720,819
Construction				\$9,010,261
PROJECT: Meadows Detention Basin Upgrade				
Design/Admin	LCME 0018, 0021			\$250,000
Construction				\$2,036,000
PROJECT: Owens Avenue East - LV Wash to Eastern				
Design/Admin	LVDE 0000, 0085	\$2,332,191		
Construction				
PROJECT: Meadows/Charleston-Via Olivero, Montessori to Buffalo				
Design/Admin	MECH 0424	\$546,693		
Construction				
SYSTEM: Sahara Boulder Highway		\$0	\$0	\$7,354,560
PROJECT: Flamingo - Boulder Hwy, North, Charleston - Main to Maryland				
Design/Admin	FLBN 0291, 0312			\$547,010
Construction				\$6,837,650
HYDROGRAPHIC BASIN: GOWAN		\$9,803,758	\$10,296,381	\$0
ENTITY TOTAL		\$9,803,758	\$10,296,381	\$0
SYSTEM: Gowan North		\$9,803,758	\$10,296,381	\$0
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial				
Design/Admin	GOEC 0100, 0128, 0152, 0178	\$641,367		
Construction		\$9,162,391		
PROJECT: Gowan - Alexander Rd., Rancho to Decatur				
Design/Admin	GOAL 0000, 0098		\$762,696	
Construction			\$9,533,685	
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH		\$0	\$8,404,185	\$6,057,110
ENTITY TOTAL		\$0	\$8,404,185	\$6,057,110
SYSTEM: Upper Western Tributary		\$0	\$8,404,185	\$6,057,110
PROJECT: Brent Drainage System - Durango to OHare				
Design/Admin	BRDB 0107, 0157		\$622,534	
Construction			\$7,781,651	
PROJECT: Centennial Pkwy Channel West - Farm Rd - Oso Blanca to Tee Pee				
Design/Admin	CNFR 0000			\$449,675
Construction				\$5,607,435
CITY OF NORTH LAS VEGAS		TOTAL ELIGIBLE YEAR 1		
		\$48,169,181		
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH		\$7,869,196	\$14,836,631	\$23,463,354
ENTITY TOTAL		\$7,869,196	\$14,836,631	\$23,463,354
SYSTEM: LV Wash Craig		\$7,069,196	\$7,897,167	\$5,000,000
PROJECT: North Las Vegas Detention Basin Upgrade				
Design/Admin	LVLP 0408	\$658,922		
Construction				
PROJECT: Las Vegas Wash - Iron Mountain, Bradley to Decatur				
Design/Admin	IRMO 0000			\$400,000
Construction				\$4,600,000
SYSTEM: Cheyenne Lamb Nellis		\$6,410,274	\$7,897,167	\$0
PROJECT: Lake Mead Storm Drain, Las Vegas Wash to Civic Center				
Design/Admin	LWLE 0000, 0047		\$584,675	
Construction			\$7,312,491	
PROJECT: Las Vegas Wash Carter Channel				
Design/Admin	LVOC 0000, 0030, 0035	\$474,837		
Construction		\$5,935,437		
HYDROGRAPHIC BASIN: RANGE		\$800,000	\$6,939,465	\$18,463,354
ENTITY TOTAL		\$800,000	\$6,939,465	\$18,463,354
SYSTEM: Lower Range		\$800,000	\$6,939,465	\$18,463,354
PROJECT: Orchard Collector - Charleston to Linden				
Design/Admin	BLOR 0158		\$453,684	
Construction			\$6,485,481	
PROJECT: Jim McGaughey Detention Basin & Outfall				
Design/Admin	BLWA 0130 thru 0175 & BLOW 0000, 0005			\$1,207,583
Right-of-way		\$800,000		
Construction				\$17,255,471

**EXHIBIT D
FISCAL YEAR 2021 - 2022
PROJECT LIST**

		(Year 1) FY 21/22	(Year 2) FY 22/23	(Year 3) FY 23/24
CLARK COUNTY	TOTAL ELIGIBLE YEAR 1	\$124,274,609		
ENTITY TOTAL		\$73,366,135	\$12,838,788	\$38,079,685
HYDROGRAPHIC BASIN: Tropicana/ Flamingo		\$37,521,033	\$10,560,327	\$3,039,194
SYSTEM: Tropicana Flamingo Project		\$324,574	\$0	\$3,039,194
PROJECT: Flamingo - Cimarron Branch				
Design/Admin	FLCM 0003	\$324,574		\$225,125
Construction				\$2,814,069
SYSTEM: Lower Flamingo		\$37,196,459	\$3,789,898	\$0
PROJECT: Flamingo Wash, Maryland to Palos Verde				
Design/Admin	FLWA 0821 & 0873	\$354,816		
Construction		\$5,068,800		
PROJECT: Airport Channel - Naples Channel and Peaking Basin				
Design/Admin	TRMC 0013, 0014, 0031, 0033	\$1,960,000		
Construction		\$28,000,000		
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.				
Design/Admin	FLWA 0893 & 0898	\$100,000		
Construction		\$1,300,000		
PROJECT: Vanbuskirk - Tropicana, Maryland Pkwy to University Center				
Design/Admin	VBTM 0175	\$412,843	\$280,733	
Construction			\$3,509,165	
SYSTEM: Lower LV Wash Tributaries		\$0	\$6,770,428	\$0
PROJECT: Las Vegas Wash - Branch 02 - Jimmy Durante to Boulder Hwy				
Design/Admin	LV02 0209, 0273, 0282, 0294		\$279,293	
Construction			\$6,491,135	
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond		\$24,010,228	\$0	\$35,040,492
SYSTEM: Blue Diamond Tributaries		\$18,270,774	\$0	\$7,700,333
PROJECT: Blue Diamond Wash - Arville to I-15				
Design/Admin	BDWA 0278	\$510,952		
Construction		\$7,299,311		
PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.				
Design/Admin	DCSD 0078, 0082 & 0084	\$404,483		
Construction		\$10,058,028		
PROJECT: Blue Diamond Channel, Amigo to Haven				
Design/Admin	BDWA 0087, 0111, 0113, 0137, 0138, 0174, 0175			\$570,395
Construction				\$7,129,938
SYSTEM: Upper Duck Creek		\$3,500,000	\$0	\$6,370,831
PROJECT: Blue Diamond Channel 02, Decatur - La Baron to Richmar - Phase 2				
Design/Admin	BD02 0330, 0334	\$500,000		
Construction		\$3,000,000		
PROJECT: Blue Diamond Railroad Channel				
Design/Admin	BDWS 0028, BDW2 0000			\$471,915
Construction				\$5,898,916
SYSTEM: Lower Duck Creek		\$2,239,455	\$0	\$20,969,328
PROJECT: Duck Creek, Sunset Park				
Design/Admin	DCSP 0000, 0115	\$2,239,455		\$1,553,286
Construction				\$19,416,042
HYDROGRAPHIC BASIN: Outlying Areas		\$11,824,874	\$2,278,462	\$0
SYSTEM: Goodsprings		\$2,924,850	\$0	\$0
PROJECT: Goodsprings - Phase I				
Design/Admin	GSPA 0000, 0018, 0019, 0027 & 0029	\$188,700		
Right-of-way		\$377,452		
Construction		\$2,358,748		
SYSTEM: Muddy River & Tributaries		\$2,832,238	\$0	\$0
PROJECT: Muddy River - Cooper to Yamashita				
Design/Admin	MRLV 0385, 0423, 0424, 0442, 0443, 0458, 0488, 0507, 0508	\$1,275,095		
Right-of-way		\$1,567,142		
SYSTEM: Laughlin		\$210,746	\$0	\$0
PROJECT: Hiko Detention Basin Expansion				
Design/Admin	LUHS 0244	\$210,746		
SYSTEM: Searchlight		\$5,857,039	\$0	\$0
PROJECT: Searchlight - West - State Hwy 164				
Design/Admin	SRWE 0001, 0002, 0005, & 0023	\$285,707		
Construction		\$5,571,332		
SYSTEM: Bunkerville		\$0	\$2,278,462	\$0
PROJECT: Windmill Wash Detention Basin and Jess Walte Leves Facilities				
Design/Admin	JEWA 0188, 0188		\$36,165	
Construction			\$2,242,297	
CITY OF MESQUITE	TOTAL ELIGIBLE YEAR 1	\$16,726,251		
ENTITY TOTAL		\$8,166,251	\$0	\$8,560,000
HYDROGRAPHIC BASIN: Mesquite		\$8,166,251	\$0	\$8,560,000
SYSTEM: Town Wash		\$8,166,251	\$0	\$0
PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash				
Design/Admin	TWMB 0000 thru 0044, 8TOWA 0120	\$534,241		
Construction		\$7,632,010		
SYSTEM: Virgin River		\$0	\$0	\$8,560,000
PROJECT: Virgin River Flood Wall				
Design/Admin	VREC 0000			\$580,000
Construction				\$8,000,000

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT: WHITNEY RANCH CHANNEL REPLACEMENT PROJECT
PETITIONER: CITY OF HENDERSON
RECOMMENDATION OF PETITIONER: THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE SECOND SUPPLEMENTAL INTERLOCAL CONTRACT FOR DESIGN TO EXTEND THE PROJECT COMPLETION DATE FOR THE WHITNEY RANCH CHANNEL REPLACEMENT PROJECT – HEN07F18 (FOR POSSIBLE ACTION)

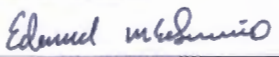
FISCAL IMPACT: N/A

BACKGROUND:

The District entered into an Interlocal Contract with the City of Henderson on August 9, 2018 to provide funding for design engineering, environmental costs, public outreach costs, and Letter of Map Revision (CLOMR/LOMR) costs for the Whitney Ranch Channel Replacement project.

A First Supplemental Interlocal Contract, dated March 14, 2019, increased funding for design engineering, environmental, CLOMR/LOMR and add a category for survey/right-of-way based on the negotiated agreement. This Second Supplemental Interlocal Contract will extend the completion date to from June 30, 2021 to June 30, 2023 to allow for construction completion and Letter of Map Revision (LOMR) to be issued by Federal Emergency Management Agency (FEMA).

Respectfully submitted,

DocuSigned by:

 Edward McGuire, P.E.
 Director of Public Works
 City of Henderson

TAC AGENDA ITEM # 15 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM # 15 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 05/17/2021
<p>WHITNEY RANCH CHANNEL REPLACEMENT PROJECT SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – HEN07F18</p> <p>The City of Henderson has submitted a request to approve a second supplemental interlocal contract for design engineering, environmental, right-of-way/survey, public outreach and a Conditional Letter of Map Revision/Letter of Map Revision (CLOMR/LOMR) to extend the project completion date from June 30, 2021 to June 30, 2023 for the Whitney Ranch Channel Replacement Project.</p> <p>Additional time is needed to allow for construction completion and a LOMR to be issued by the Federal Emergency Management Agency (FEMA).</p> <p>The RFCD Attorney has reviewed the contract.</p>	
Staff Recommendation: Approve.	
Discussion by Technical Advisory Committee:	AGENDA #15 Date: 05/27/2021
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA #15 Date: 05/27/2021
Recommendation:	

SECOND SUPPLEMENTAL INTERLOCAL CONTRACT
WHITNEY RANCH CHANNEL REPLACEMENT PROJECT

THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT ("CONTRACT") made and entered into as of the _____ day of _____, 2021, by and between the Clark County Regional Flood Control District hereinafter referred to as "DISTRICT" and City of Henderson, hereinafter referred to as "CITY".

W I T N E S S E T H

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements, and;

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update Structure No. WWDC 0001, 0016, 0031, 0034, 0053, 0056 and 0070, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit "A"; and

WHEREAS, the PROJECT has been approved by the DISTRICT on its Ten Year Construction Program; and

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as the CITY, and the COUNTY OF CLARK.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

SECTION III – GENERAL, paragraphs 9, 14 and 15 shall be revised/added as follows:

9. The DISTRICT will pay the CITY, or make payment directly to its contractor or its consultant, each month for PROJECT costs as outlined in SECTION II – PROJECT COSTS.

Invoices must identify and allocate all costs to the categories noted below:

- a. Predesign Engineering
- b. Design Engineering
- c. Entity Design Labor
- d. Right-of-way
- e. Environmental
- f. Emergency Action Plan
- g. Flood Map Revision
- h. Construction
- i. Construction Management
- j. Entity Construction Management Labor
- k. Landscape Construction
- l. Other

14. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2023. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.

15. This CONTRACT may be executed in multiple counterparts, each of which shall be deemed an original CONTRACT and each of which shall constitute one and the same CONTRACT. The counterparts of this CONTRACT may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract dated August 9, 2018 and First Supplemental Interlocal Contract dated March 14, 2019 shall remain unchanged.

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IN WITNESS WHEREOF, this Second Supplemental Interlocal Contract is hereby executed
as of the date first set forth above.

Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

ATTEST: _____

BY: _____
DEBRA MARCH, Chair

DEANNA HUGHES, Secretary to the Board

Approved as to Form:

BY: _____
CHRISTOPHER FIGGINS
RFCD Attorney

Date of Council Action:

CITY OF HENDERSON

Richard A. Derrick, City Manager/CEO

ATTEST:

Approved as to Form:

Jose Luis Valdez, CMC, City Clerk

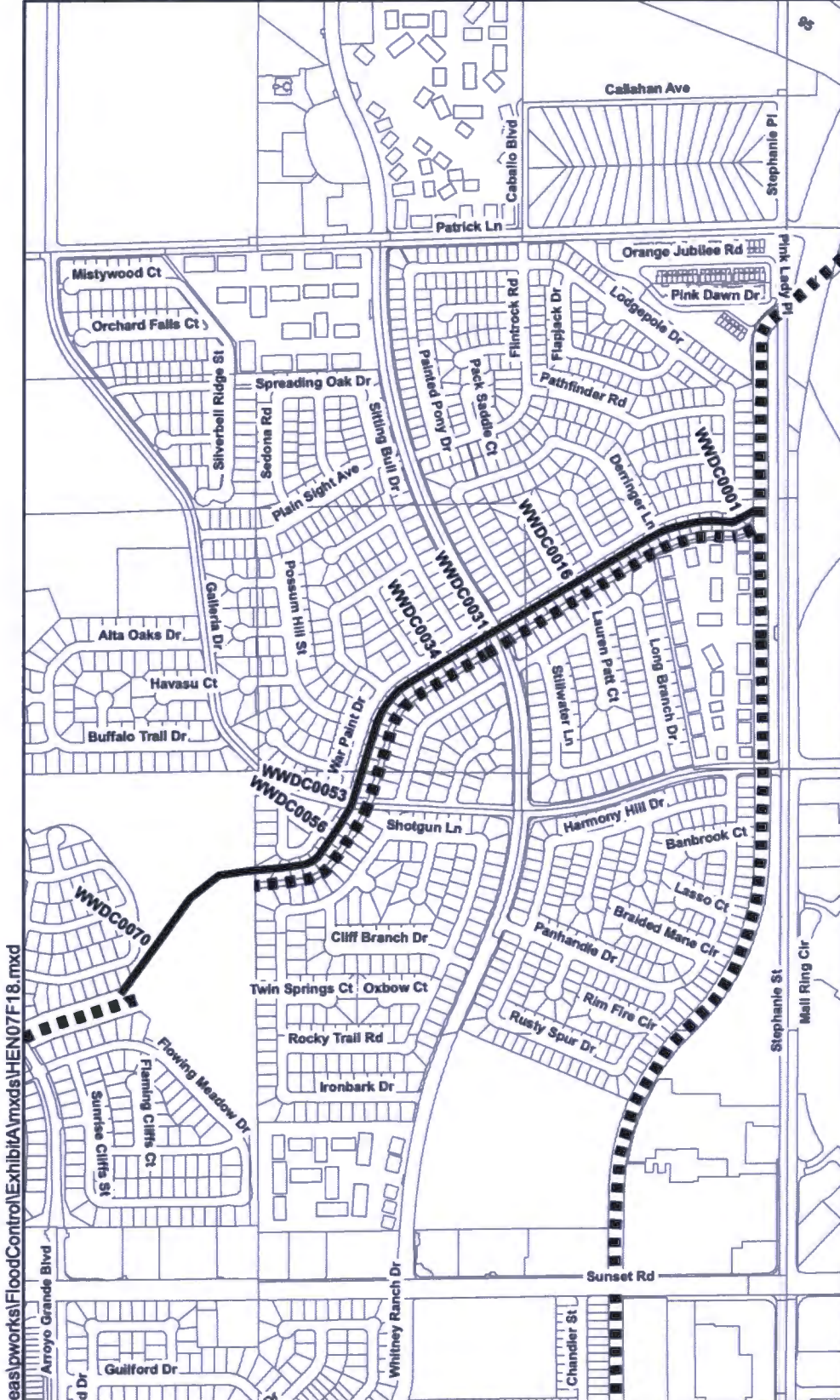
Nicholas G. Vaskov, City Attorney

Approved as to Funding:

Approved as to Content:

Jim McIntosh
Chief Financial Officer

Edward McGuire
Director of Public Works



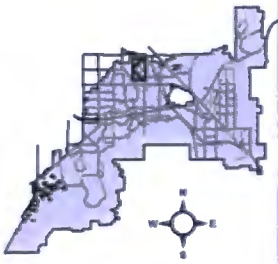
PUBLIC WORKS,
PARKS & RECREATION
DEPARTMENT



A Place To Call Home

City of Henderson
REGIONAL FLOOD
CONTROL DISTRICT

EXHIBIT A



- Legend**
- Proposed Regional Facility
 - Existing Regional Facility



This map is offered as a general reference guide only. Neither warranty of accuracy is intended nor should any be assumed.

MAP NAME:

EXHIBIT A

AUTHOR: DATE:

KCL 7/11/2018

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EXHIBIT A WHITNEY RANCH CHANNEL REPLACEMENT
PROJECT - HEN07F18

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT: WINDMILL WASH DETENTION BASIN EXPANSION AND JESS WAITE LEVEE FACILITIES (AKA WINDMILL WASH DETENTION BASIN EXPANSION)
PETITIONER: DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS
RECOMMENDATION OF PETITIONER: THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL NO. 4 TO THE INTERLOCAL CONTRACT FOR DESIGN TO INCREASE FUNDING AND EXTEND THE TERM OF THE CONTRACT AND CHANGE THE NAME OF THE PROJECT FROM WINDMILL WASH DETENTION BASIN EXPANSION TO WINDMILL WASH DETENTION BASIN EXPANSION AND JESS WAITE LEVEE FACILITIES – BUN01D11 (FOR POSSIBLE ACTION)

FISCAL IMPACT:	<u>CURRENT</u>	<u>FISCAL</u> <u>IMPACT</u>	<u>REVISED</u>
Design	\$ 656,000.00	\$ 300,000.00	\$ 956,000.00
Right-of-Way	\$ 41,000.00	\$ 0.00	\$ 41,000.00
Emergency Action Plan	\$ 4,000.00	\$ 0.00	\$ 4,000.00
Environmental	\$ 179,000.00	\$ 0.00	\$ 179,000.00
Total ILC Value	\$ 880,000.00	\$ 300,000.00	\$ 1,180,000.00

BACKGROUND:

On February 10, 2011, the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for design engineering, environmental, and right-of-way for the subject project. Supplemental No. 1 dated November 10, 2011 provided additional funding for design engineering, environmental, and right-of-way. Supplemental No. 2 dated January 10, 2013 provided additional funding for design engineering. Supplemental No. 3 dated June 9, 2016 extended the term of the contract.

This fourth supplemental interlocal contract will increase design funding to complete the design and extend the term of the contract for the project from June 30, 2021 to June 30, 2026, and change the name of the project from Windmill Wash Detention Basin Expansion to Windmill Wash Detention Basin Expansion and Jess Waite Levee Facilities.

Respectfully submitted,

TAC AGENDA ITEM # 16 Date: 05.27.2021	RFCD AGENDA ITEM # Date: 06.10.2021
CAC AGENDA ITEM # 16 Date: 05.27.2021	


DENIS CEDERBURG
 Director of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

**WINDMILL WASH DETENTION BASIN EXPANSION AND JESS WAITE LEVEE FACILITIES
(AKA WINDMILL WASH DETENTION BASIN EXPANSION)
FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT – BUN01D11**

Clark County has submitted a request to approve a fourth supplemental interlocal contract for design engineering, environmental, right-of-way and an Emergency Action Plan to increase funding in the amount of \$300,000, extend the project completion date from June 30, 2021 to June 30, 2026, and change the name of the project from Windmill Wash Detention Basin Expansion to Windmill Wash Detention Basin Expansion and Jess Waite Levee Facilities project.

Additional time is needed to complete the design. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$656,000	\$300,000	\$ 956,000
Right-of-Way	\$ 41,000	\$ 0	\$ 41,000
Environmental	\$179,000	\$ 0	\$ 179,000
Emergency Action Plan	\$ 4,000	\$ 0	\$ 4,000
Total ILC Value	\$880,000	\$300,000	\$1,180,000

The RFCD Attorney has reviewed the contract.

Staff Recommendation:

Approve subject to approval of the Ten Year Construction Program Amendment item on this agenda.

Discussion by Technical Advisory Committee:

AGENDA
#16 Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#16 Date: 05/27/2021

Recommendation:

**SUPPLEMENTAL NO. 4 TO THE INTERLOCAL CONTRACT FOR
WINDMILL WASH DETENTION BASIN EXPANSION AND JESS WAITE LEVEE
FACILITIES
(AKA WINDMILL WASH DETENTION BASIN EXPANSION)**

THIS FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT (“CONTRACT”), made and entered into this ____ day of _____, 2021, by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the County of Clark, hereinafter referred to as “COUNTY”.

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements; and

WHEREAS, the flood control improvements proposed herein are generally described in the 2017 Master Plan Update for the Town of Bunkerville, Structure Nos. WIJE 0000, WIWA 0038 and JEWA 0166 and 0168, hereinafter referred to as “Project”; and

WHEREAS, the Project is identified and shown on the attached Exhibit “A”; and

WHEREAS, the Project has been approved by the DISTRICT on its annual Ten Year Construction Program; and

WHEREAS, the DISTRICT approved interlocal contracts to provide funds for design, right-of-way, and environmental for the Project; and

WHEREAS, it is necessary to increase design funding and extend the term of the contract and change the name of the project from Windmill Wash Detention Basin Expansion to Windmill Wash Detention Basin Expansion and Jess Waite Levee Facilities for the Project; and

WHEREAS, the Project has regional flood control significance and is located in the same hydrographic area as the Las Vegas Valley.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts and promises of the parties hereto, the DISTRICT and the COUNTY agree to supplement the Interlocal Contract approved February 10, 2011, supplemental Interlocal Contracts approved November 10, 2011, January 10, 2013 and June 9, 2016 to the following:

SECTION I - SCOPE OF PROJECT, shall be changed to read as follows:

This Interlocal Contract applies to engineering, right-of-way, and environmental mitigation of improvements associated with the Windmill Wash Detention Basin Expansion now known as Windmill Wash Detention Basin Expansion and Jess Waite Levee Facilities project. The basic improvements shall consist of flood water facilities including pipes, channels, dikes, energy

dissipators, channel structures, channel access, and other appurtenances as may be necessary to control floodwaters. The improvements shall be funded through DISTRICT funds as herein described. The Project is further identified and shown on the attached Exhibit "A."

SECTION II - PROJECT COSTS, shall be revised to read as follows:

The DISTRICT agrees to fund PROJECT costs within the limits specified below:

1. Design in an amount not to exceed \$956,000.00.
2. Right-of-way acquisition including appraisals, title and escrow, negotiations, legal fees, recording fees, etc. in an amount not to exceed \$41,000.00.
3. Emergency Action Plan in an amount not to exceed \$4,000.00.
4. Environmental in an amount not to exceed \$179,000.00.
5. The total cost of this Interlocal CONTRACT shall not exceed \$1,180,000.00, which includes all the items described in the paragraphs above.
6. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the PROJECT. No other approval by the Lead Entity is required.
7. A written request must be made to the DISTRICT and a supplemental interlocal contract must be approved by the Board to increase the total cost of the CONTRACT noted above prior to payment of any additional funds.

SECTION III- GENERAL, paragraphs 9, 14 and 15 shall be changed/added to read as follows:

9. The DISTRICT will pay the (CITY or COUNTY), or make payment directly to its contractor or its consultant, each month for PROJECT costs as outlined in SECTION II – PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
 - a. Predesign Engineering
 - b. Design Engineering
 - c. Entity Design Labor
 - d. Right-of-way
 - e. Environmental
 - f. Emergency Action Plan
 - g. Flood Map Revision
 - h. Construction
 - i. Construction Management

- j. Entity Construction Management Labor
- k. Landscape Construction
- l. Other

- 14. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2026. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days notice.
- 15. This CONTRACT may be executed in multiple counterparts, each of which shall be deemed an original CONTRACT and each of which shall constitute one and the same CONTRACT. The counterparts of this CONTRACT may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract and Supplemental Interlocal Contracts remains unchanged.

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IN WITNESS WHEREOF, this Supplemental No. 4 to the Interlocal Contract is hereby executed as of the date first set forth above.

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

By: _____
Marilynn Kirkpatrick
Chair

Attest:

LYNN MARIE GOYA
County Clerk

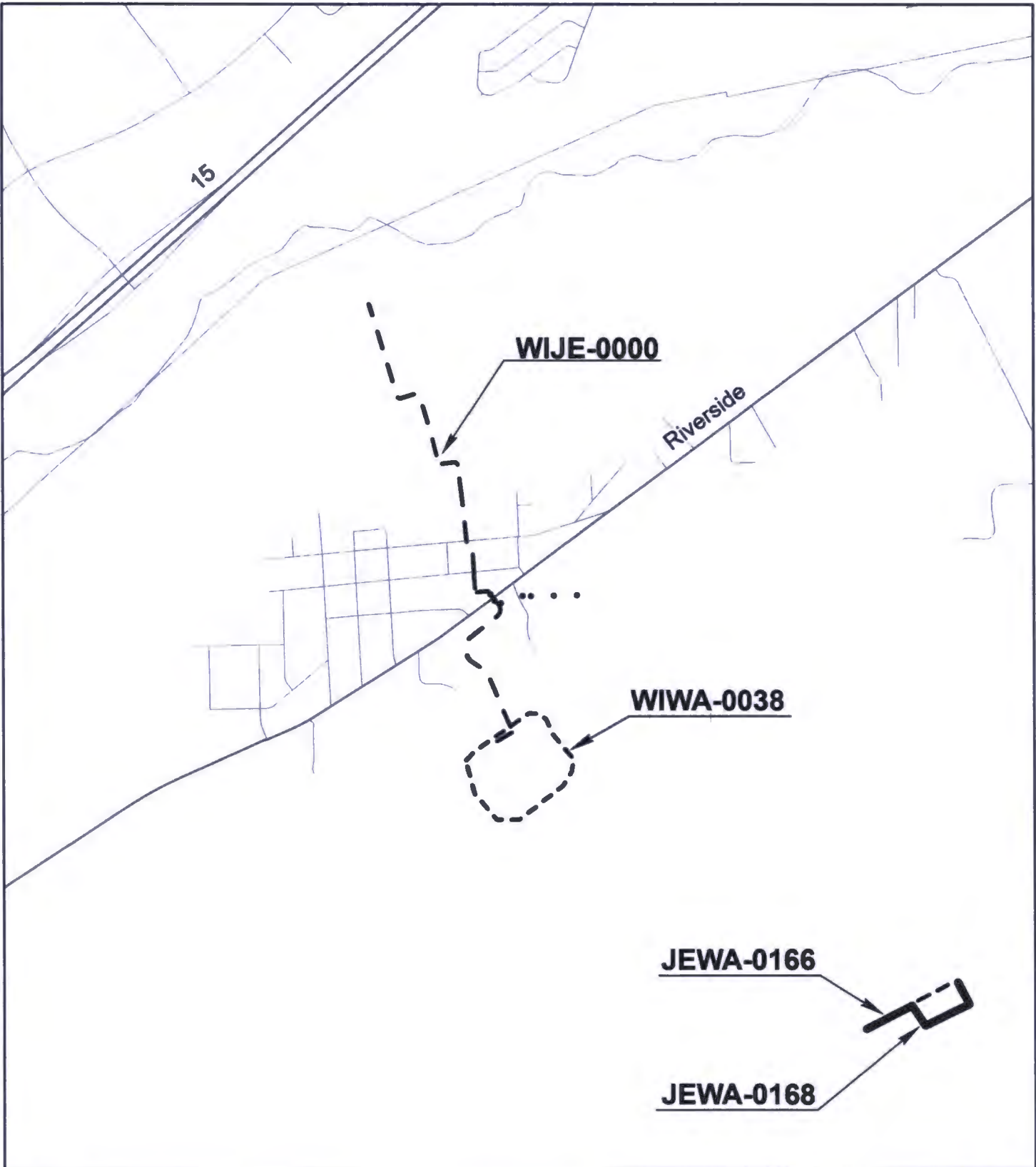
Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

By: _____
DEBRA MARCH, Chair

Attest:

DEANNA HUGHES
Secretary to the Board
Approved as to Form:

CHRISTOPHER FIGGINS
RFCD Attorney



Legend




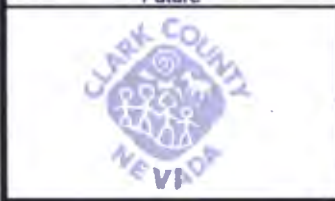
-  Proposed
-  Existing
-  Future

Exhibit A



Project Number: BUN01D11

**Windmill Wash Detention Basin Expansion
and Jess Waite Levee Facilities**

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 05-13-2021

SHEET NUMBER: 1 OF 1

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM**

SUBJECT: ANTHEM PARKWAY CHANNEL – HORIZON RIDGE TO SIENA HEIGHTS
PETITIONER: CITY OF HENDERSON
RECOMMENDATION OF PETITIONER: THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR DESIGN OF THE ANTHEM PARKWAY CHANNEL – HORIZON RIDGE TO SIENA HEIGHTS – HEN22B21 (FOR POSSIBLE ACTION)

FISCAL IMPACT:

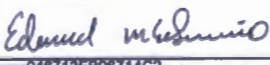
	<u>Fiscal Impact</u>
Design Engineering	\$ 60,000
Entity Design Labor	30,000
Environmental	10,000
Right-of-Way/Survey	14,303
CLOMR/LOMR	<u>10,000</u>
Total	<u>\$124,303</u>

BACKGROUND:

The Anthem Parkway Channel – Horizon Ridge to Siena Heights project (PTAP 0018) is a segment of the Pittman Anthem Parkway facilities identified on the 2018 Clark County Regional Flood Control District Master Plan Update (MPU). The project will provide a connection from the existing reinforced box culverts under Horizon Ridge Parkway near Jeffreys Street to the reinforced concrete arch culverts under Siena Heights Drive at Jeffreys Street. Construction of this facility will provide protection to downstream medical facilities and condominium properties and allow for submission of a Letter of Map Revision (LOMR) to FEMA for removal of the current flood zone designation.

The project is included in the Ten Year Construction Program, with design scheduled to begin in fiscal year 2020-21. A Ten Year Construction Program Amendment item has been submitted for approval to add this project to Year 1 for design funding.

Respectfully submitted,

DocuSigned by:

 Edward McGuire, P.E.
 Director of Public Works
 City of Henderson

TAC AGENDA ITEM # 17 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM # 17 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

**ANTHEM PARKWAY CHANNEL – HORIZON RIDGE TO SIENA HEIGHTS
INTERLOCAL CONTRACT – HEN22B21**

The City of Henderson has submitted a request to approve an interlocal contract for design engineering, right-of-way/survey, environmental, entity design labor costs and a Conditional Letter of Map Revision/Letter of Map Revision (CLOMR/LOMR) in the amount of \$124,303 for the Anthem Parkway Channel – Horizon Ridge to Siena Heights project.

The Anthem Parkway Channel – Horizon Ridge to Siena Heights project (PTAP 0018) is a segment of the Pittman Anthem Parkway facilities identified in the 2018 Clark County Regional Flood Control District Master Plan Update (MPU). The project will provide a connection from the existing reinforced box culverts under Horizon Ridge Parkway near Jeffreys Street to the reinforced concrete arch culverts under Siena Heights Drive at Jeffreys Street. Construction of this facility will provide protection to downstream medical facilities and condominium properties and allow for submission of a Letter of Map Revision (LOMR) to FEMA for removal of the current flood zone designation.

District funding will be provided as follows:

Design Engineering	\$ 60,000
Right-of-Way/Survey	\$ 14,303
Entity Design Labor	\$ 30,000
Environmental	\$ 10,000
CLOMR/LOMR	\$ 10,000
Total ILC Value	\$124,303

The RFCD Attorney has reviewed the contract.

Staff Recommendation:

Approve subject to approval of the Ten Year Construction Program amendment item on this agenda.

Discussion by Technical Advisory Committee:

AGENDA
#17 Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#17 Date: 05/27/2021

Recommendation:

INTERLOCAL CONTRACT

ANTHEM PARKWAY CHANNEL – HORIZON RIDGE TO SIENA HEIGHTS

THIS INTERLOCAL CONTRACT (“CONTRACT”) made and entered into as of the _____ day of _____, 2021, by and between the Clark County Regional Flood Control District hereinafter referred to as "DISTRICT" and City of Henderson, hereinafter referred to as "CITY".

W I T N E S S E T H

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements, and;

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update Structure No. PTAP 0018, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit "A"; and

WHEREAS, the PROJECT has been approved by the DISTRICT on its Ten Year Construction Program; and

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as the CITY, and the COUNTY OF CLARK.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

SECTION I - SCOPE OF THE PROJECT

This INTERLOCAL CONTRACT applies to design engineering and other costs associated with the Anthem Parkway Channel – Horizon Ridge to Siena Heights project. The basic

improvements shall consist of flood water facilities including reinforced concrete boxes, channel structures, channel access and other appurtenances as may be necessary to control floodwaters. The improvements shall be funded through DISTRICT funds as herein described. This PROJECT is further identified and shown on the attached Exhibit "A".

SECTION II - PROJECT COSTS

The DISTRICT agrees to fund PROJECT costs within the limits specified below:

1. The engineering and design shall not exceed \$60,000.00.
2. The entity design labor shall not exceed \$30,000.00.
3. Environmental costs shall not exceed \$10,000.00.
4. Survey/Right-of-way costs shall not exceed \$14,303.00.
5. CLOMR/LOMR costs shall not exceed \$10,000.00.
6. The total cost of this CONTRACT shall not exceed \$124,303.00 which includes all the items described in the paragraphs above.
7. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the PROJECT. No other approval by the Lead Entity is required.
8. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the CONTRACT noted above prior to payment of any additional funds.

SECTION III - GENERAL

1. The Clark County Regional Flood Control District shall be shown on the title sheet of both the plans and the specifications as the funding agency.

2. The CITY will comply with the Local Purchasing Act, Chapter 332 and Public Works Projects, Chapter 338, of the Nevada Revised Statutes.
3. The CITY, its employees, and representatives shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed on the PROJECT.
4. The CITY will require appropriate financial security for the construction of the PROJECT.
5. The CITY shall provide all impacted entities and the DISTRICT with the opportunity to provide the CITY with input relative to the following processes: scope of services development; consultant selection; design, construction and maintenance review; and monitoring of the effectiveness and impacts of facilities on flood flows.
6. Applicable portions of the current editions of the Clark County Regional Flood Control District Policies and Procedures, the Hydrologic Criteria and Drainage Design Manual, and Uniform Regulations for the Control of Drainage adopted by the DISTRICT will apply in developing this PROJECT unless specifically superseded by this CONTRACT.
7. Purchases of right-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the CITY. Revenues derived from the sale of these properties, less the cost of the sale of these properties, will be forwarded to the DISTRICT.
8. Administrative settlements and acceptance of counter offers involving right-of-way may only be made following a review and approval by the DISTRICT.

9. The DISTRICT will pay the CITY, or make payment directly to its contractor or its consultant, each month for PROJECT costs as outlined in SECTION II - PROJECT COSTS.

Invoices must identify and allocate all costs to the categories noted below:

- a. Predesign Engineering
 - b. Design Engineering
 - c. Design Entity Labor
 - d. Right-of-Way
 - e. Environmental
 - f. Emergency Action Plan
 - g. Flood Map Revision
 - h. Construction
 - i. Construction Management
 - j. Construction Management Entity Labor
 - k. Landscape Construction
 - l. Miscellaneous interlocal contracts as approved by Board
10. Accurate documentation of all work performed and payments made will be maintained by the CITY for a period of three (3) years in hard copy form after final PROJECT approval and payment. Following the three-year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format.
11. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects, both during and after PROJECT completion.
12. Up to the limits set forth in NRS Chapter 41, the CITY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which

arises out of allegations of negligence or misconduct of CITY officers, employees or agents, related to or under this CONTRACT which results from injury or death of any persons whomsoever, or against and from damage to or loss or destruction of property.

13. Any costs found to be improperly allocated to this PROJECT will be refunded by the CITY to the DISTRICT.
14. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to December 31, 2023. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.
15. This CONTRACT may be executed in multiple counterparts, each of which shall be deemed an original CONTRACT and each of which shall constitute one and the same CONTRACT. The counterparts of this CONTRACT may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

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IN WITNESS WHEREOF, this Interlocal CONTRACT is hereby executed as of the date first set forth above.

Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

ATTEST: _____

BY: _____
DEBRA MARCH, Chair

DEANNA HUGHES, Secretary to the Board

Approved as to Form:

BY: _____
CHRISTOPHER FIGGINS
RFCD Attorney

Date of Council Action:

CITY OF HENDERSON

Richard A. Derrick, City Manager/CEO

ATTEST:

Approved as to Form:

Jose Luis Valdez, CMC, City Clerk

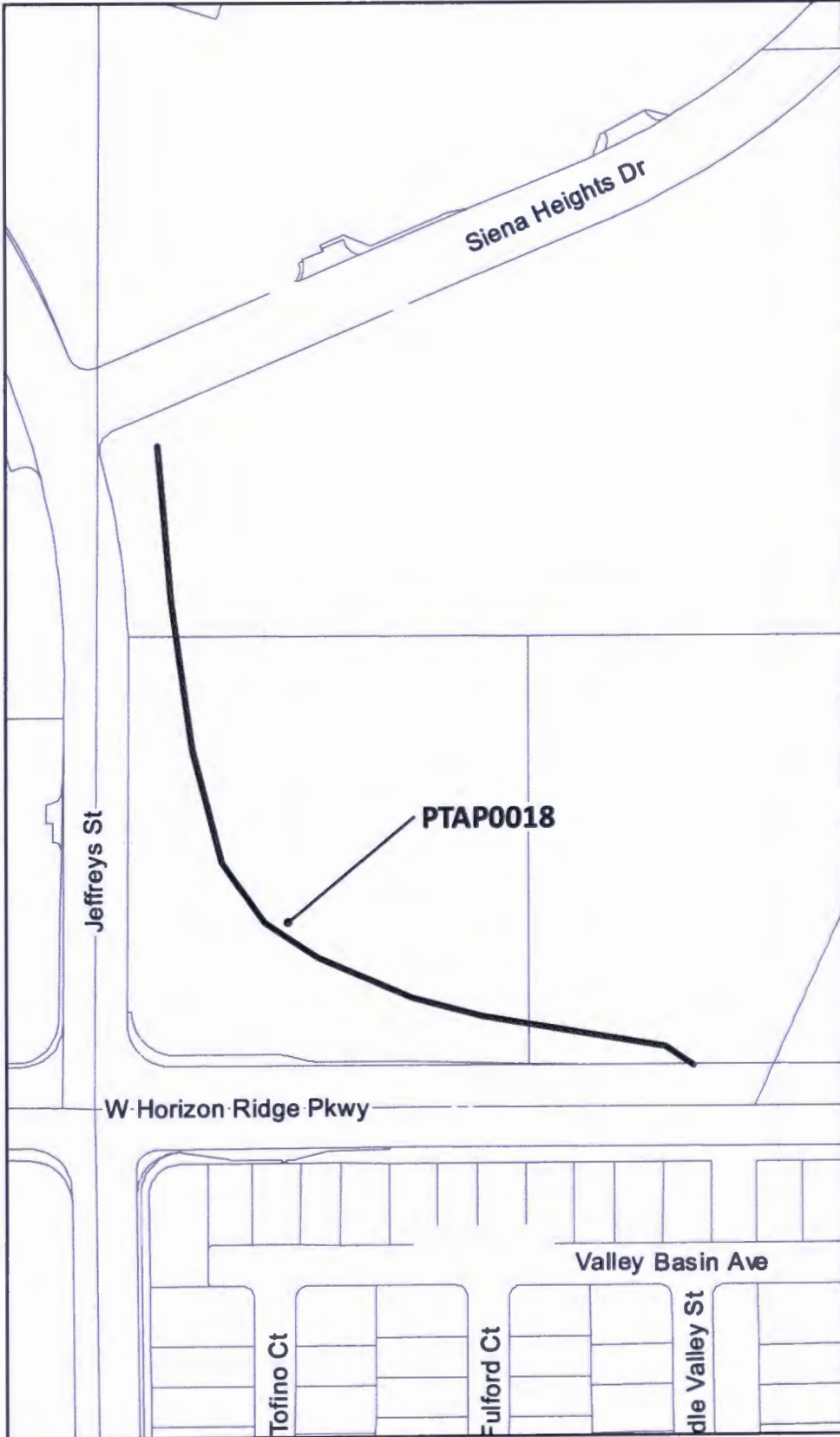
Nicholas G. Vaskov, City Attorney

Approved as to Funding:

Approved as to Content:

Jim McIntosh
Chief Financial Officer

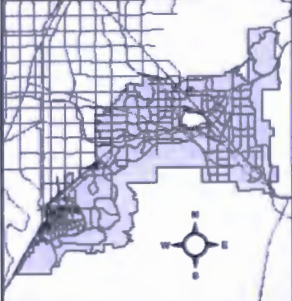
Edward McGuire
Director of Public Works



**PUBLIC WORKS
DEPARTMENT**

A Place To Call Home

**City of Henderson
REGIONAL
FLOOD CONTROL
DISTRICT
EXHIBIT A**



Legend
 — Proposed MPU Facility
 — Future MPU Facility



This map is offered as a general reference guide only. Neither warranty of accuracy is intended nor should any be assumed.

MAP NAME:	
EXHIBIT A	
AUTHOR:	DATE:
CLH	5/12/2021
FILE:	

EXHIBIT A ANTHEM PARKWAY CHANNEL –
HORIZON RIDGE TO SIENA HEIGHTS (HEN22B21)

P:\workareas\pworks\FloodControl\ExhibitA\mxds\HEN22KXX.mxd

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM**

SUBJECT:
TOWN WASH – MESA BOULEVARD, EL DORADO TO TOWN WASH
PETITIONER:
TRAVIS H. ANDERSON, P.E. – PUBLIC WORKS DIRECTOR, CITY OF MESQUITE
RECOMMENDATION OF PETITIONER:
THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS SIXTH SUPPLEMENTAL INTERLOCAL CONTRACT FOR DESIGN TO REALLOCATE AND INCREASE PROJECT FUNDING AND EXTEND THE PROJECT COMPLETION DATE FOR THE TOWN WASH – MESA BOULEVARD, EL DORADO TO TOWN WASH – MES01E17 (FOR POSSIBLE ACTION)

FISCAL IMPACT:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$422,988.00	\$ 70,780.00	\$493,768.00
Right-of-Way	\$ 32,600.00	\$ 0.00	\$ 32,600.00
Environmental	\$116,594.75	(\$30,621.00)	\$ 85,973.75
Total ILC Value	\$572,182.75	\$ 40,159.00	\$612,341.75

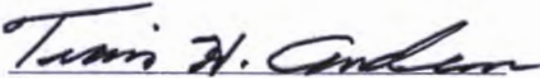
BACKGROUND:

On September 14, 2017, the Regional Flood Control District entered into an interlocal contract with City of Mesquite to provide funding for design engineering for the Town Wash – Mesa Boulevard, El Dorado to Town Wash storm drain project. The First Supplemental Contract dated July 12, 2018, the Second Supplemental Interlocal Contract dated September 13, 2018, the Third Supplemental Interlocal Contract dated July 11, 2019, the Fourth Supplemental Interlocal Contract dated November 14, 2019, and the Fifth Supplemental Interlocal Contract dated February 11, 2021 all increased project funding.

TAC AGENDA ITEM # 18 Date: 05/27/21	RFCD AGENDA ITEM # Date: 06/10/21
CAC AGENDA ITEM # 18 Date: 05/27/21	

This Sixth Supplemental Interlocal Contract will reallocate and increase funding for additional design engineering services and extend the project completion date from September 30, 2021 to June 30, 2023 to complete design.

Respectfully submitted,



Travis H. Anderson, P.E.,
Director of Public Works
City of Mesquite

TAC AGENDA ITEM # 18 Date: 05/27/21	RFCD AGENDA ITEM # Date: 06/10/21
CAC AGENDA ITEM # 18 Date: 05/27/21	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

**TOWN WASH – MESA BOULEVARD, EL DORADO TO TOWN WASH
SIXTH SUPPLEMENTAL INTERLOCAL CONTRACT – MES01E17**

The City of Mesquite has submitted a request to approve a sixth supplemental interlocal contract for design engineering, environmental and right-of-way to increase funding in the amount of \$40,159 and extend the project completion date from September 30, 2021 to June 30, 2023 for the Town Wash – Mesa Boulevard, El Dorado to Town Wash project.

This supplemental will reallocate and increase funding for additional design engineering services and extend the project completion date. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$422,988.00	\$ 70,780.00	\$493,768.00
Right-of-Way	\$ 32,600.00	\$ 0.00	\$ 32,600.00
Environmental	\$116,594.75	(\$30,621.00)	\$ 85,973.75
Total ILC Value	\$572,182.75	\$ 40,159.00	\$612,341.75

The RFCD Attorney has reviewed the contract.

Staff Recommendation:

Approve subject to approval of the Ten Year Construction Program Amendment item on this agenda.

Discussion by Technical Advisory Committee:

AGENDA
#18 Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#18 Date: 05/27/2021

Recommendation:

SUPPLEMENTAL NO. 6 TO THE INTERLOCAL CONTRACT FOR
TOWN WASH – MESA BOULEVARD, EL DORADO TO TOWN WASH

THIS SIXTH SUPPLEMENTAL INTERLOCAL CONTRACT (“CONTRACT”) made and entered into as of the _____ day of _____, 2021 by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and City of Mesquite, a political subdivision of the State of Nevada hereinafter referred to as “CITY”.

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements, and;

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2017 City of Mesquite Flood Control Master Plan Update as Structure(s) No.(s) TWMB 0000, 0022, 0024, and 0044, and TOWA 0120, hereinafter referred to as “PROJECT”; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit “A”; and

WHEREAS, the PROJECT has been approved by the DISTRICT on its annual Ten Year Construction Program; and

WHEREAS, an Interlocal Contract dated September 14, 2017, the First Supplemental Interlocal Contract dated July 12, 2018, the Second Supplemental Interlocal Contract dated September 13, 2018, the Third Supplemental Interlocal Contract dated July 11, 2019, the Fourth Supplemental Interlocal Contract dated November 14, 2019 and the Fifth Supplemental Interlocal Contract dated February 11, 2021 were entered into between the CITY and the DISTRICT; and

WHEREAS, the CITY desires to reallocate and increase project funding and extend the project completion date; and

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as the Town Wash System.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

SECTION II – PROJECT COSTS, shall be revised to read as follows:

The DISTRICT agrees to fund PROJECT costs within the limits specified below:

1. Design Engineering in an amount not to exceed \$493,768.00.
2. Right-of-Way in an amount not to exceed \$32,600.00.
3. Environmental in an amount not to exceed \$85,973.75.
4. The total cost of this contract shall not exceed \$612,341.75 which includes all the items described in the paragraph above.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the lead Entity is required.
6. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the board to increase the total cost of the contract noted above prior to payment of any additional funds.

SECTION III – GENERAL, paragraph 14 shall be revised to read as follows:

14. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2023. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.

The remainder of the original Interlocal Contract dated September 14, 2017, the First Supplemental Interlocal Contract dated July 12, 2018, the Second Supplemental Interlocal Contract dated September 13, 2018, the Third Supplemental Interlocal Contract dated July 11, 2019, the Fourth Supplemental Interlocal Contract dated November 14, 2019 and the Fifth Supplemental Interlocal Contract dated February 11, 2021 shall remain unchanged.

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IN WITNESS WHEREOF, this Sixth Supplemental Interlocal Contract is hereby executed as of the date first set forth above.

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

BY: _____
DEBRA MARCH, Chair

ATTEST:

Deanna Hughes, Secretary of the Board

Approved as to Form:

BY: _____
CHRISTOPHER FIGGINS
RFCD Attorney

Date of Council Action: CITY OF MESQUITE

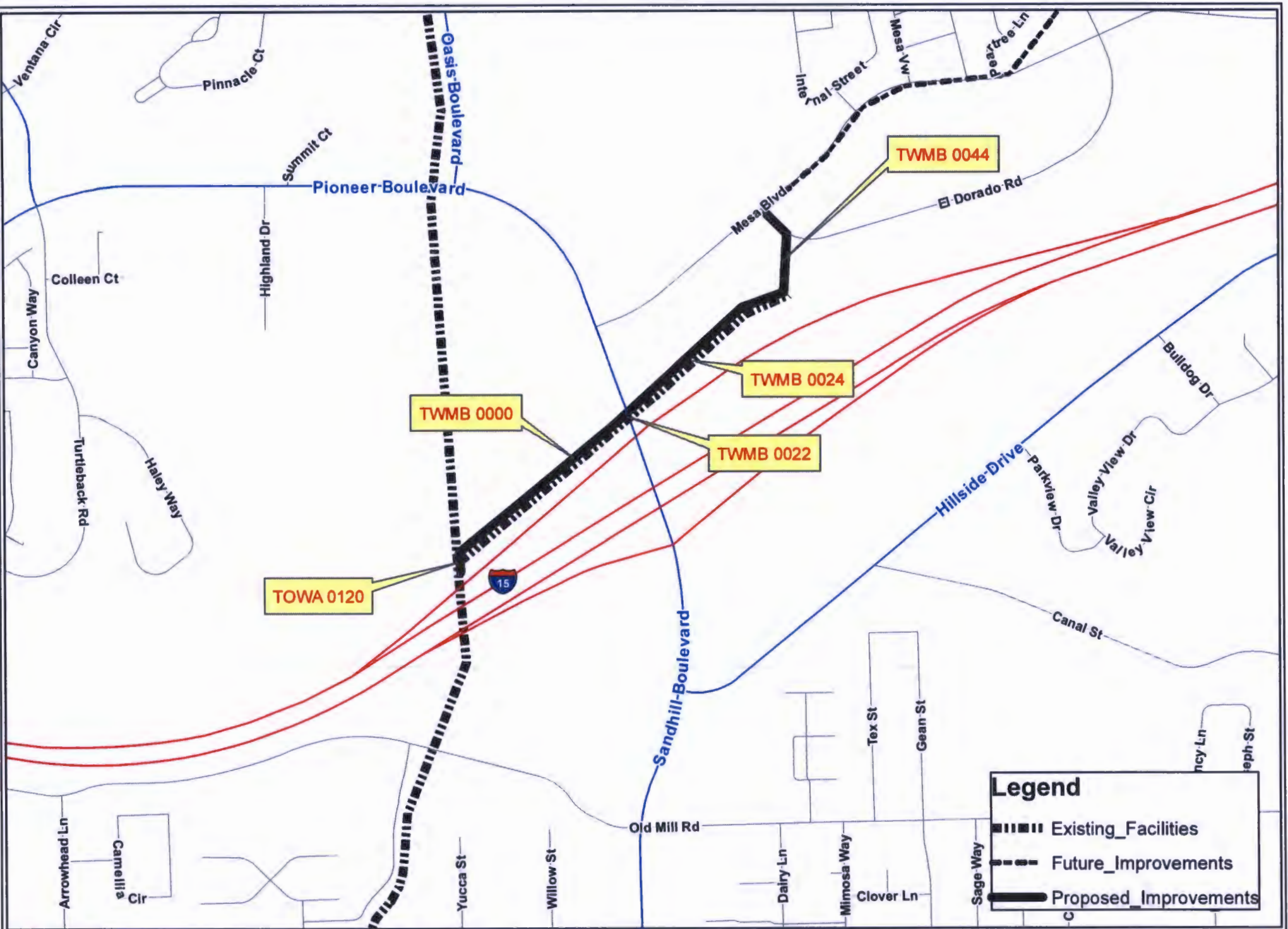
Allan S. Litman, Mayor

ATTEST

Tracy E. Beck, City Clerk

APPROVED AS TO FORM

City Attorney



Legend

- ▬▬▬ Existing_Facilities
- ▬▬▬ Future_Improvements
- ▬▬▬ Proposed_Improvements

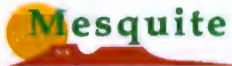


EXHIBIT A - TOWN WASH - MESA BLVD, EL DORADO TO TOWN WASH (MES01E17)



**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

DUCK CREEK/BLUE DIAMOND, BERMUDA ROAD TO LAS VEGAS BOULEVARD

PETITIONER:

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL NO. 1 TO THE INTERLOCAL CONTRACT FOR DESIGN TO INCREASE FUNDING FOR DUCK CREEK/BLUE DIAMOND, BERMUDA ROAD TO LAS VEGAS BOULEVARD CLA39A19 (FOR POSSIBLE ACTION)

FISCAL IMPACT:	<u>CURRENT</u>	<u>FISCAL IMPACT</u>	<u>REVISED</u>
Design	\$ 400,000.00	\$ 1,300,000.00	\$ 1,700,000.00
Right-of-Way	\$ 18,000.00	\$ 0.00	\$ 18,000.00
CLOMR/LOMR	\$ 20,000.00	\$ 0.00	\$ 20,000.00
Environmental	\$ 15,000.00	\$ 0.00	\$ 15,000.00
Total ILC Value	\$ 453,000.00	\$ 1,300,000.00	\$ 1,753,000.00

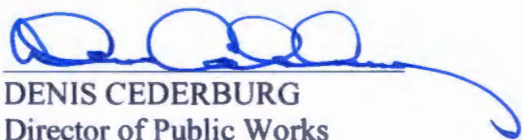
BACKGROUND:

On April 11, 2019, the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for design engineering, right-of-way, CLOMR, and environmental for the subject project.

This first supplemental interlocal contract will provide additional funds for design engineering because the route of the facility alignment and the type of facility were changed during the pre-design phase from an open channel going through private property to a closed box culvert system located in existing roadways, which requires additional design due to utility conflicts, traffic control requirements, etc., but eliminates the need for significant ROW needed from private properties that the original alignment required.

Respectfully submitted,

TAC AGENDA ITEM # 19 Date: 05.27.21	RFCD AGENDA ITEM # Date: 06.10.21
CAC AGENDA ITEM # 19 Date: 05.27.21	


 DENIS CEDERBURG
 Director of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

**DUCK CREEK/BLUE DIAMOND, BERMUDA ROAD TO LAS VEGAS BOULEVARD
FIRST SUPPLEMENTAL INTERLOCAL CONTRACT – CLA39A19**

Clark County has submitted a request to approve a first supplemental interlocal contract for design engineering, environmental, right-of-way and a Conditional Letter of Map Revision/Letter of Map Revision (CLOMR/LOMR) to increase funding in the amount of \$1,300,000 for the Duck Creek/Blue Diamond, Bermuda Road to Las Vegas Boulevard project.

This first supplemental interlocal contract will provide additional funds for design engineering because the route of the facility alignment and the type of facility were changed during the pre-design phase from an open channel going through private property to a closed box culvert system located in existing roadways, which requires additional design due to utility conflicts, traffic control requirements, etc., but eliminates the need for significant ROW needed from private properties that the original alignment required. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$400,000	\$1,300,000	\$1,700,000
Right-of-Way	\$ 18,000	\$ 0	\$ 18,000
Environmental	\$15,000	\$ 0	\$ 15,000
CLOMR/LOMR	\$20,000	\$ 0	\$ 20,000
Total ILC Value	\$453,000	\$1,300,000	\$1,753,000

The RFCD Attorney has reviewed the contract.

Staff Recommendation:

Approve subject to approval of the Ten Year Construction Program Amendment item on this agenda.

Discussion by Technical Advisory Committee:

AGENDA
#19 Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#19 Date: 05/27/2021

Recommendation:

**SUPPLEMENTAL NO. 1 TO THE INTERLOCAL CONTRACT FOR
DUCK CREEK/BLUE DIAMOND, BERMUDA ROAD TO LAS VEGAS BOULEVARD**

THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT, made and entered into this ____ day of _____, 2021, by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the County of Clark, hereinafter referred to as “COUNTY”.

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements; and

WHEREAS, the flood control improvements proposed herein are generally described in the 2020 Master Plan Update for Laughlin, Nevada, as Structure No.’s DCBD 0075, 0082 and 0084, hereinafter referred to as “Project”; and

WHEREAS, the Project is identified and shown on the attached Exhibit “A”; and

WHEREAS, the Project has been approved by the DISTRICT on its annual Ten Year Construction Program; and

WHEREAS, it is necessary to increase funding for the Project; and

WHEREAS, the Project has regional flood control significance and is located in the unincorporated area of Clark County outside of the Las Vegas Valley.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the COUNTY agree to supplement the Interlocal Contract approved April 11, 2019, as follows:

SECTION II - PROJECT COSTS, shall be revised to read as follows:

The DISTRICT agrees to fund PROJECT costs within the limits specified below:

1. Design in an amount not to exceed \$1,700,000.00.
2. Right-of-way acquisition including appraisals, title and escrow, negotiations, legal fees, recording fees, etc. in an amount not to exceed \$18,000.00.
3. CLOMR/LOMR in an amount not to exceed \$20,000.00.
4. Environmental in an amount not to exceed \$15,000.00.

5. The total cost of this Interlocal CONTRACT shall not exceed \$1,753,000.00, which includes all the items described in the paragraphs above.
6. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the PROJECT. No other approval by the Lead Entity is required.
7. A written request must be made to the DISTRICT and a supplemental interlocal contract must be approved by the Board to increase the total cost of the CONTRACT noted above prior to payment of any additional funds.

SECTION III - GENERAL, paragraphs 9 and 15 shall be revised/added to read as follows:

9. The DISTRICT will pay the (CITY or COUNTY), or make payment directly to its contractor or its consultant, each month for PROJECT costs as outlined in SECTION II – PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
 - a. Predesign Engineering
 - b. Design Engineering
 - c. Entity Design Labor
 - d. Right-of-way
 - e. Environmental
 - f. Emergency Action Plan
 - g. Flood Map Revision
 - h. Construction
 - i. Construction Management
 - j. Entity Construction Management Labor
 - k. Landscape Construction
 - l. Other
15. This CONTRACT may be executed in multiple counterparts, each of which shall be deemed an original CONTRACT and each of which shall constitute one and the same CONTRACT. The counterparts of this CONTRACT may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract shall remain unchanged.

IN WITNESS WHEREOF, this Supplemental No. 1 to the Interlocal Contract is hereby executed as of the date first set forth above.

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

By: _____
Marilynn Kirkpatrick
Chair

Attest:

LYNN MARIE GOYA
County Clerk

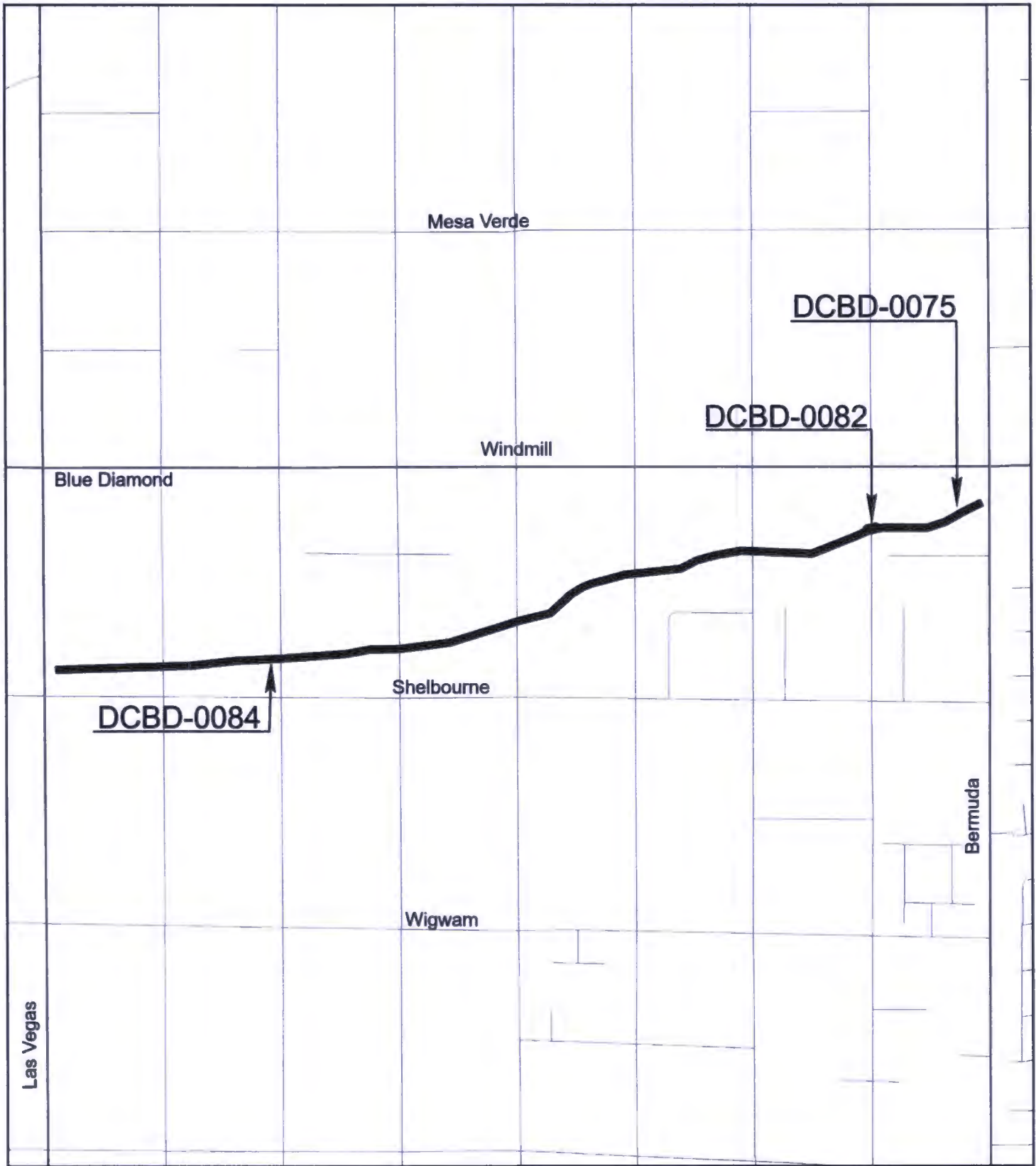
Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

By: _____
DEBRA MARCH, Chair

Attest:

DEANNA HUGHES
Secretary to the Board
Approved as to Form:

CHRISTOPHER FIGGINS
RFCD Attorney



Legend

 Proposed

Exhibit A



Project Number: CLA39A19

Duck Creek/ Blue Diamond Road, Bermuda Road to Las Vegas Boulevard

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 05-13-2021

SHEET NUMBER: 1 OF 1

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

WAGON TRAIL CHANNEL – SUNSET ROAD TO TECO AVENUE

PETITIONER:

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT ACCEPT THE PROJECT PRESENTATION ON THE PROPOSED WAGON TRAIL CHANNEL – SUNSET ROAD TO TECO AVENUE CLA10J21 (FOR POSSIBLE ACTION)

FISCAL IMPACT: None by this action.

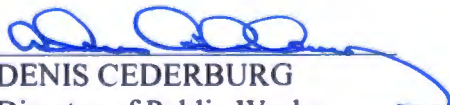
BACKGROUND:

The subject project is described in the 2018 Master Plan Update as Facility Numbers WGTR 0111, 0115 and 0130. This project includes 10' x 5' reinforced concrete box storm drain in Procyon Street from Teco Avenue to Sunset Road.

Representatives from the design consultant, Westwood, and Clark County staff will be available to respond to any questions following the brief presentation.

Respectfully submitted,

TAC AGENDA ITEM # 20a Date: 05.27.2021	RFCD AGENDA ITEM # Date: 06.10.2021
CAC AGENDA ITEM # 20a Date: 05.27.2021	


DENIS CEDERBURG
Director of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

**WAGON TRAIL CHANNEL – SUNSET ROAD TO TECO AVENUE
PROJECT PRESENTATION – CLA10J21**

The subject project is described in the 2018 Master Plan Update as Facility Numbers WGTR 0111, 0115 and 0130. This project includes 10' x 5' reinforced concrete box storm drain in Procyon Street from Sunset Road to Teco Avenue.

Representatives from the design consultant, Westwood, and Clark County staff will be available to respond to any questions following the brief presentation.

Staff Recommendation:

Accept the project presentation.

Discussion by Technical Advisory Committee:

AGENDA
#20a Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#20a Date: 05/27/2021

Recommendation:

- **Projected Construction Schedule:** If funding were made available today, listed below are the estimated dates for construction of the project:

Award of Bid	October 2021
Construction Start Date	January 2022
Construction Duration	7 months

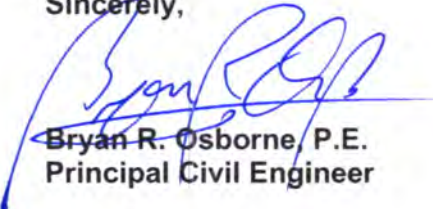
- **Cash Flow Projection:** Attached is a cash flow projection for construction, Exhibit "C".
- **Right-of-Way:** The necessary right-of-way has been obtained.
- **Economic Benefit:** This project proposes to construct a portion of the RFCD MPU network. In September of 2005, RFCD received the document titled "Benefit to Cost Analysis of Capital Programs" prepared by Hobbs, Ong & Associates, Inc., Restrepo Consulting Group/Applied Market Analysis, Post, Buckley, Schuh & Jernigan, Inc. and Public Financial Management, Inc.

The report concludes, "the quantifiable public benefits associated with flood control projects, when compared to costs, show that flood control projects have provided a return of \$2.21 for each dollar expended. When those benefits that are not readily quantifiable are taken into consideration, the contribution that these facilities provide to the welfare of Clark County's residents and the vitality of the local economy increases beyond the calculated ratio. It is expected that the benefit to cost ratio of the RFCD construction program will remain at a level that approximates 2 to 1 through buildout of the Master Plan and over the useful life of the facilities."

- **Environmental Requirements:** Clark County has met all the necessary environmental requirements for this project.
- **Project Enhancements:** None.

If you have any questions, please call me at (702) 455-6127.

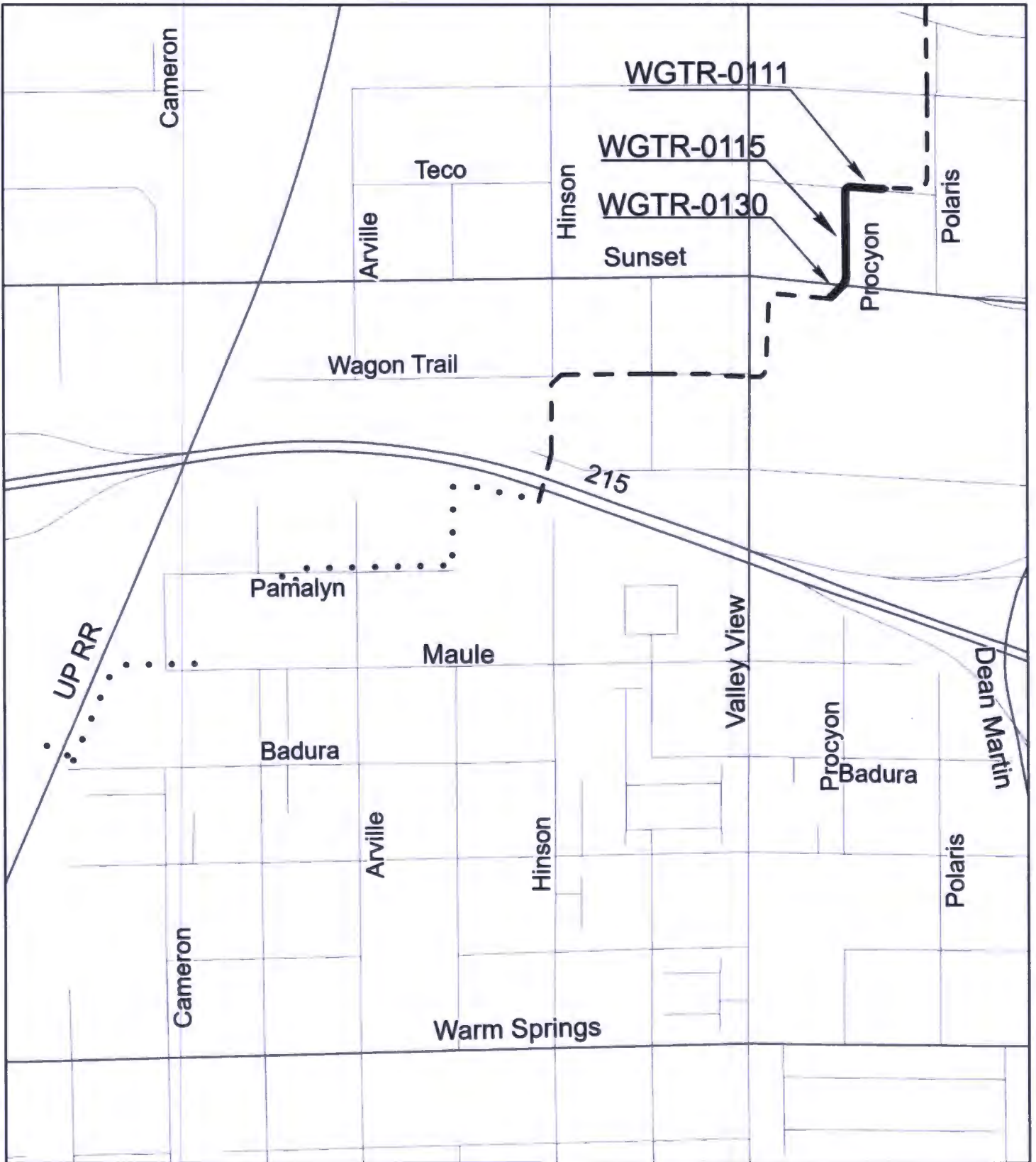
Sincerely,



Bryan R. Osborne, P.E.
Principal Civil Engineer

BRO:cm

Enclosures: Project Map – Exhibit "A"
Detailed Cost Estimate – Exhibit "B"
Cash Flow Projection – Exhibit "C"



Legend




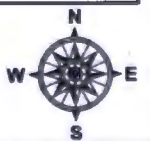
-  Proposed
-  Existing
-  Future

Exhibit A



Project Number: CLA10J21

Wagon Trail Channel - Sunset Road to Teco Avenue

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 05-13-2021

SHEET NUMBER: 1 OF 1

**Wagon Trail Channel
90% Construction Cost Estimate**

5/17/2021

Item Number	Description	Unit	Unit Price	CCRFCF Funding	
				Quantity	Cost
105.01	QUALITY CONTROL ADMINISTRATIVE INCENTIVE	LS	\$30,000.00	1	\$30,000.00
107.01	TRAFFIC CONTROL	LS	\$150,000.00	1	\$150,000.00
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	LS	\$75,000.00	1	\$75,000.00
109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	DAY	\$1,500.00	30	\$45,000.00
109.03	HISTORICAL OWNER CAUSED DELAY ALLOWANCE (OVER \$500/DAY)	DAY	\$1,500.00	30	\$45,000.00
200.01	MOBILIZATION AND DEMOBILIZATION (5% OF CONSTRUCTION TOTAL)	LS	\$90,000.00	1	\$90,000.00
202.01	REMOVE BITUMINOUS PAVEMENT	CY	\$10.00	1,315	\$13,150.00
202.02	REMOVE CONCRETE SIDEWALK	SF	\$10.00	686	\$6,860.00
202.03	REMOVE L CURB AND GUTTER	LF	\$10.00	137	\$1,370.00
202.06	REMOVE EXISTING CONCRETE	SY	\$30.00	51	\$1,530.00
202.09	REMOVE EXISTING HEADWALL	EA	\$200.00	1	\$200.00
202.12	REMOVE AND RESET STREETLIGHT	EA	\$1,500.00	1	\$1,500.00
202.13	REMOVE EXISTING BUBBLER	EA	\$5,000.00	4	\$20,000.00
202.14	REMOVE EXISTING STORM DRAIN PIPE	LF	\$40.00	508	\$20,320.00
202.15	REMOVE (2) EXISTING 8' X 2' RCB	LF	\$80.00	200	\$16,000.00
212.01	LANDSCAPE RESTORATION	LS	\$2,500.00	3	\$7,500.00
302.01	TYPE II AGGREGATE BASE	CY	\$50.00	1,315	\$65,750.00
402.01	PLANTMIX BITUMINOUS SURFACE (3-INCH)	TON	\$100.00	262	\$26,200.00
402.02	PLANTMIX BITUMINOUS SURFACE (4-INCH)	TON	\$100.00	305	\$30,500.00
402.03	PLANTMIX BITUMINOUS SURFACE (5-INCH)	TON	\$100.00	310	\$31,000.00
413.01	1-INCH UTACS	SY	\$10.00	3,945	\$39,450.00
502.03	7-FOOT X 6-FOOT REINFORCED CONCRETE BOX	LF	\$900.00	498	\$448,200.00
502.05	10-FOOT X 4-FOOT REINFORCED CONCRETE BOX	LF	\$900.00	565	\$508,500.00
502.11	10-FOOT X 4-FOOT TO 7-FOOT X 6-FOOT TRANSITION	EA	\$20,000.00	2	\$40,000.00
502.16	JUNCTION STRUCTURE	EA	\$61,700.00	3	\$185,100.00
504.17	ACCESS STRUCTURE	EA	\$15,000.00	2	\$30,000.00
603.01	18-INCH RCP (CLASS III)	LF	\$300.00	41	\$12,300.00
609.01	48-INCH RCB ACCESS MANHOLE	EA	\$4,000.00	5	\$20,000.00
609.04	15-FOOT DM2 DROP INLET	EA	\$15,000.00	2	\$30,000.00
609.05	PLUG AND ABANDON PIPE	EA	\$1,000.00	1	\$1,000.00
609.06	STORM DRAIN MANHOLE, RCB ACCESS	EA	\$3,600.00	4	\$14,400.00
613.01	TYPE L CURB AND GUTTER	LF	\$20.00	137	\$2,740.00
613.02	CONCRETE SIDEWALK	SF	\$12.00	686	\$8,232.00
613.03	CONCRETE CROSS GUTTER	SF	\$15.00	51	\$765.00
628.01	POLYUREA PAVEMENT MARKINGS (4-INCH SOLID WHITE)	LF	\$2.00	94	\$188.00
628.05	PAINT PAVEMENT MARKINGS (4-INCH SOLID WHITE, PARKING)	LF	\$2.00	83	\$166.00
629.03	VERTICALLY ADJUST 12-IN WATER LINE STA "WR" 30+34.88	LS	\$25,000.00	1	\$25,000.00
629.04	VERTICALLY ADJUST 10-IN WATER LINE STA "WR" 23+76.32	EA	\$25,000.00	1	\$25,000.00
633.01	NON-REFLECTIVE PAVEMENT MARKER	EA	\$3.00	85	\$255.00
633.02	REFLECTIVE PAVEMENT MARKER	EA	\$4.00	41	\$164.00
637.01	DUST CONTROL	LS	\$15,000.00	1	\$15,000.00
				SUBTOTAL:	\$2,063,340.00
				CONTINGENCY (15%):	\$416,068.00
				GRAND TOTAL	\$2,500,008.00

Clark County Regional Flood Control District Cash Flow Projection

Today's Date: 5/12/2021

Project Number:

WAGON TRAIL CHANNEL, SUNSET ROAD TO TECO

Project Name:

AVENUE, Project No. CLA10J21

Project Type:

Storm Drain

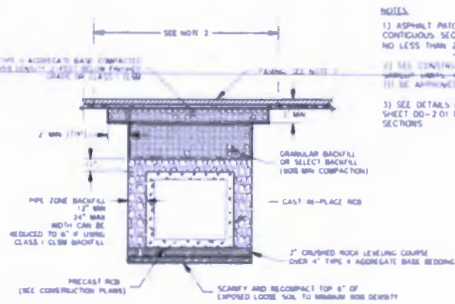
ILC Amount:

\$ 2,800,008.00

Construction Schedule

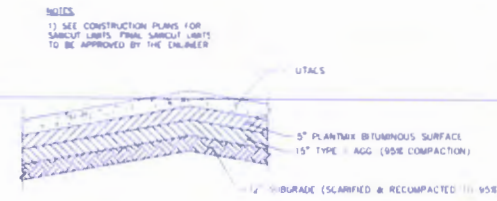
Milestone	Estimate	Revised	Actual
Award of Bid	October-21		
CONS Start	January-22		
CONS Complete	August-22		
Project Duration	7 months		

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate	
	\$	%	\$	%	\$	%	\$	%
Jun-21	0							
Jul-21	0							
Aug-21	0							
Sep-21	0							
Oct-21	0							
Nov-21	0							
Dec-21	0							
Jan-22	140,000.40	5%						
Feb-22	420,001.20	15%						
Mar-22	420,001.20	15%						
Apr-22	560,001.60	20%						
May-22	560,001.60	20%						
Jun-22	420,001.20	15%						
Jul-22	280,001.00	10%						
Aug-22	0							
Sep-22	0							
Oct-22	0							
Nov-22	0							
Dec-22	0							
Jan-23	0							
Feb-23	0							
Mar-23	0							
Apr-23	0							
May-23	0							
Jun-23	0							
Jul-23	0							
Aug-23	0							
Sep-23	0							
Total	\$ 2,800,008.00	100%					\$ -	0%



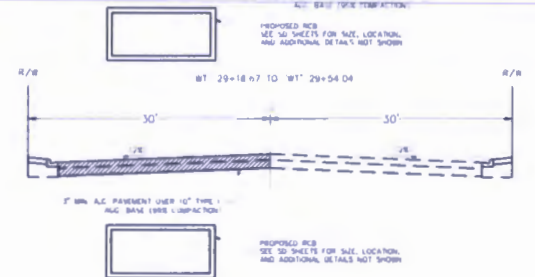
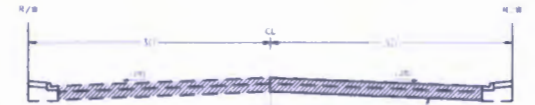
PRECAST CONCRETE BOX SECTION

- NOTES**
- 1) ASPHALT PATCH TO MATCH CONTIGUOUS SECTION AND SHALL BE NO LESS THAN 2" THICK
 - 2) SEE CONSTRUCTION PLANS FOR SPAN/JOINT WIDTHS - MINIMUM SPAN/JOINT SHALL BE APPROVED BY THE ENGINEER
 - 3) SEE DETAILS B, C AND D ON SHEET DD-2.01 FOR PAVING SECTIONS



B SUNSET ROAD PAVING SECTION
DD-2.01 NTS

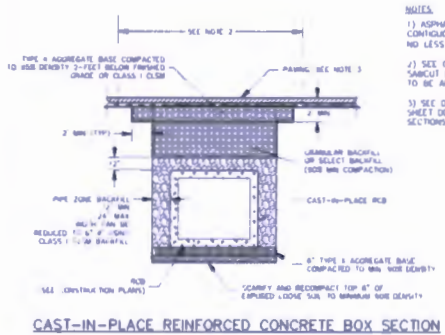
- NOTES**
- 1) SEE CONSTRUCTION PLANS FOR SARCUT LIMITS. FINAL SARCUT LIMITS TO BE APPROVED BY THE ENGINEER



C PROCYON AVENUE TYPICAL ROAD SECTIONS
DD-2.01 NTS

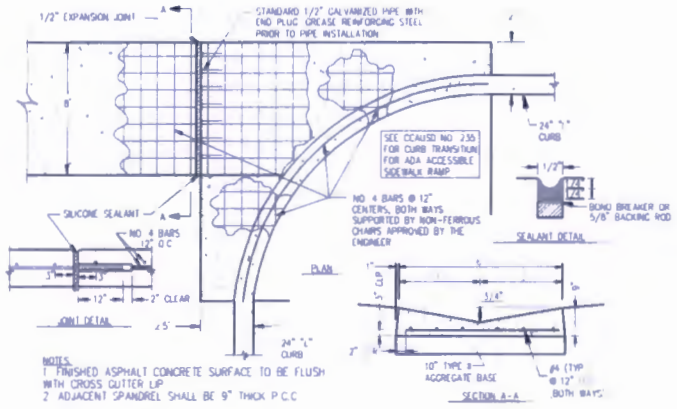


D TECO AVENUE TYPICAL ROAD SECTIONS
DD-2.01 NTS



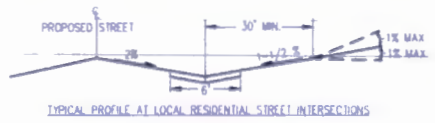
A TRENCH SECTIONS
DD-2.01 NTS

- NOTES**
- 1) ASPHALT PATCH TO MATCH CONTIGUOUS SECTION AND SHALL BE NO LESS THAN 2" THICK
 - 2) SEE CONSTRUCTION PLANS FOR SARCUT LIMITS. FINAL SARCUT LIMITS TO BE APPROVED BY THE ENGINEER
 - 3) SEE DETAILS B, C AND D ON SHEET DD-2.01 FOR PAVING SECTIONS



E MODIFIED 6' CROSS GUTTER
DD-2.01 NTS

- NOTES**
- 1) FINISHED ASPHALT CONCRETE SURFACE TO BE FLUSH WITH CROSS GUTTER LP
 - 2) ADJACENT SPANDREL SHALL BE 9" THICK P.C.C.



WAGON TRAIL CHANNEL
STORM DRAIN DETAILS
CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



NOT BE USED FOR PRELIMINARY NOT FOR CONSTRUCTION

DESIGNED BY	LA	CHECKED BY	LLFR	DATE	8/16/23
DRAWN BY	LA	DATE			
Westwood					
Engineering & Construction Services, Inc.					
1740 South Boulder Street, Suite 100, Las Vegas, NV 89102					
DRAWN	LA	DATE			
SCALE					
PROJECT					
DRAWING NO.	DD-2.01				
SHEET	4.3 OF 19				

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

WAGON TRAIL CHANNEL – SUNSET ROAD TO TECO AVENUE

PETITIONER:

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR CONSTRUCTION FOR WAGON TRAIL CHANNEL – SUNSET ROAD TO TECO AVENUE CLA10J21 (FOR POSSIBLE ACTION)

FISCAL IMPACT:

Construction Management	\$	250,000.00
Construction	\$	2,500,008.00
Entity Construction Management	\$	50,000.00
Labor		
Total ILC Value	\$	<u>2,800,008.00</u>

BACKGROUND:

Wagon Trail Channel – Sunset Road to Teco Avenue is described in the 2018 Master Plan Update as Facility Number WGTR 0111, 0115 and 0130. It is further identified in the Regional Flood Control District's Ten-Year Construction Program with construction to begin in FY 2021-2022. The proposed improvements include construction of a storm drain in Procyon from Sunset Road to Teco Avenue.

This project is included in Year 2 of the Ten-Year Construction Program.

Respectfully submitted,

TAC AGENDA ITEM # 20b Date: 05.27.2021	RFCD AGENDA ITEM # Date: 06.10.2021
CAC AGENDA ITEM # 20b Date: 05.27.2021	


DENIS CEDERBURG
Director of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/27/2021

**WAGON TRAIL CHANNEL – SUNSET ROAD TO TECO AVENUE
INTERLOCAL CONTRACT – CLA10J21**

Wagon Trail Channel – Sunset Road to Teco Avenue is described in the 2018 Master Plan Update as Facility Number WGTR 0111, 0115 and 0130. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with construction to begin in FY 2021-2022. The proposed improvements include construction of a storm drain in Procyon Street from Sunset Road to Teco Avenue.

With the total project construction cost of \$2.1 million, approximately 25 jobs will be created or sustained with this project. District funding will be provided as follows:

Construction	\$2,500,008
Construction Management	\$ 250,000
Entity Construction Management Labor	\$ 50,000
Total ILC Value	\$2,800,008

This project is included in Year 2 of the Ten-Year Construction Program. The RFCD Attorney has reviewed the contract.

Staff Recommendation:

Approve subject to approval of the Ten-Year Construction Program Amendment item on this agenda.

Discussion by Technical Advisory Committee:

AGENDA
#20b Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#20b Date: 05/27/2021

Recommendation:

**INTERLOCAL CONTRACT FOR
WAGON TRAIL CHANNEL – SUNSET ROAD TO TECO AVENUE**

THIS INTERLOCAL CONTRACT (“CONTRACT”), made and entered into this _____ day of _____, 2021, by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the County of Clark, hereinafter referred to as “COUNTY”.

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements; and

WHEREAS, the flood control improvements proposed herein are generally described in the 2018 Clark County Flood Control Master Plan Update, Structures Nos WGTR 0111, 0115 and 0130 hereinafter referred to as “PROJECT”; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit “A”; and,

WHEREAS, the PROJECT has been approved by the DISTRICT on its annual Ten Year Construction Program; and

WHEREAS, it is desirable to proceed with the construction of the PROJECT; and

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as the Las Vegas Valley.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the COUNTY agree to the following:

SECTION I - SCOPE OF PROJECT

This Interlocal Contract applies to construction and construction engineering of improvements associated with the Wagon Trail Channel – Sunset Road to Teco Avenue. This project includes 10’ x 5’ reinforced concrete box storm drain in Procyon Street from Teco Avenue to Sunset Road. The improvements shall be funded through DISTRICT funds as herein described. The Project is further identified and shown on the attached Exhibit “A.”

SECTION II - PROJECT COSTS

The DISTRICT agrees to fund PROJECT costs within the limits specified below:

1. Construction Management in an amount not to exceed \$250,000.00.

2. Construction in the amount not to exceed \$2,500,008.00.
3. Entity Construction Management Labor in the amount not to exceed \$50,000.00.
4. The total cost of this Interlocal CONTRACT shall not exceed \$2,800,008.00, which includes all the items described in the paragraphs above.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the PROJECT. No other approval by the Lead Entity is required.
6. A written request must be made to the DISTRICT and a supplemental interlocal contract must be approved by the Board to increase the total cost of the CONTRACT noted above prior to payment of any additional funds.

SECTION III - GENERAL

1. The Clark County Regional Flood Control District shall be shown on the title sheet of both the plans and the specifications as the funding agency.
2. The COUNTY will use its best efforts to award the bid for this PROJECT by October 1, 2021. Prior to submission of the first payment request, the Entity will submit to the District a construction schedule and cash flow projection. The COUNTY will take all reasonable steps possible to avoid delays in the construction of DISTRICT funded projects. PROJECT delays more than four months, as measured from the award date, may be subject to a formal review by both the Technical Advisory Committee and the Board. At the review, the COUNTY will have an opportunity to present information relative to the delays, measures taken to avoid the delays and the likelihood of those delays continuing. The Board will make a determination, in view of the delays and limited available funding, whether PROJECT funding should continue. In the case that the Board chooses to discontinue funding, the Board may cancel any Interlocal Contract(s) associated with the PROJECT and discontinue funding for the remainder of the PROJECT. Funding already spent or appropriated by the COUNTY will not be required to be refunded to the DISTRICT. PROJECT funding can be reconsidered at any time when the COUNTY can demonstrate that the PROJECT can proceed on an acceptable schedule.
3. The COUNTY will comply with the Local Purchasing Act, Chapter 332, and Public Works Projects, Chapter 338 of the Nevada Revised Statutes.
4. The COUNTY, its employees, and representatives shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed on the PROJECT.

5. The COUNTY will require appropriate financial security for the construction of the PROJECT.
6. The COUNTY shall provide all impacted entities and the DISTRICT with the opportunity to provide the COUNTY with input relative to the following processes: scope of services development; consultant selection; design; construction and maintenance review; and monitoring of the effectiveness and impacts of facilities on flood flows.
7. Applicable portions of the current editions of the Clark County Regional Flood Control District Policies and Procedures, the Hydrologic Criteria and Drainage Design Manual, and Uniform Regulations for Control of Drainage adopted by the DISTRICT will apply in developing this PROJECT unless specifically superseded by this CONTRACT.
8. Purchases of right-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the COUNTY. Revenues derived from the sale of these properties, less the cost of the sale of these properties, will be forwarded to the DISTRICT.
9. Administrative settlements and acceptance of counter offers involving right-of-way may only be made following a review and approval by the DISTRICT.
10. The DISTRICT will pay the COUNTY, or make payment directly to its contractor or its consultant, each month for PROJECT costs as outlined in SECTION II - PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
 - a. Predesign Engineering
 - b. Design Engineering
 - c. Entity Design Labor
 - d. Right-of-way
 - e. Environmental
 - f. Emergency Action Plan
 - g. Flood Map Revision
 - h. Construction
 - i. Construction Management
 - j. Entity Construction Management Labor
 - k. Landscape Construction
 - l. Other
11. Accurate documentation of all work done and payments made will be maintained by the COUNTY for a period of three (3) years in hard copy form after final PROJECT approval and payment. Following the three (3) year period, the COUNTY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format.

12. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects both during and after PROJECT completion.
13. Up to the limits set forth in NRS Chapter 41, the COUNTY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of COUNTY officers, employees or agents, related to or under this CONTRACT which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.
14. Any costs found to be improperly allocated to the Project will be refunded by the COUNTY to the DISTRICT.
15. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2026. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days' notice.

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16. This CONTRACT may be executed in multiple counterparts, each of which shall be deemed an original CONTRACT and each of which shall constitute one and the same CONTRACT. The counterparts of this CONTRACT may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

By: _____
MARILYN KIRKPATRICK
Chair

Attest:

LYNN MARIE GOYA
County Clerk

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

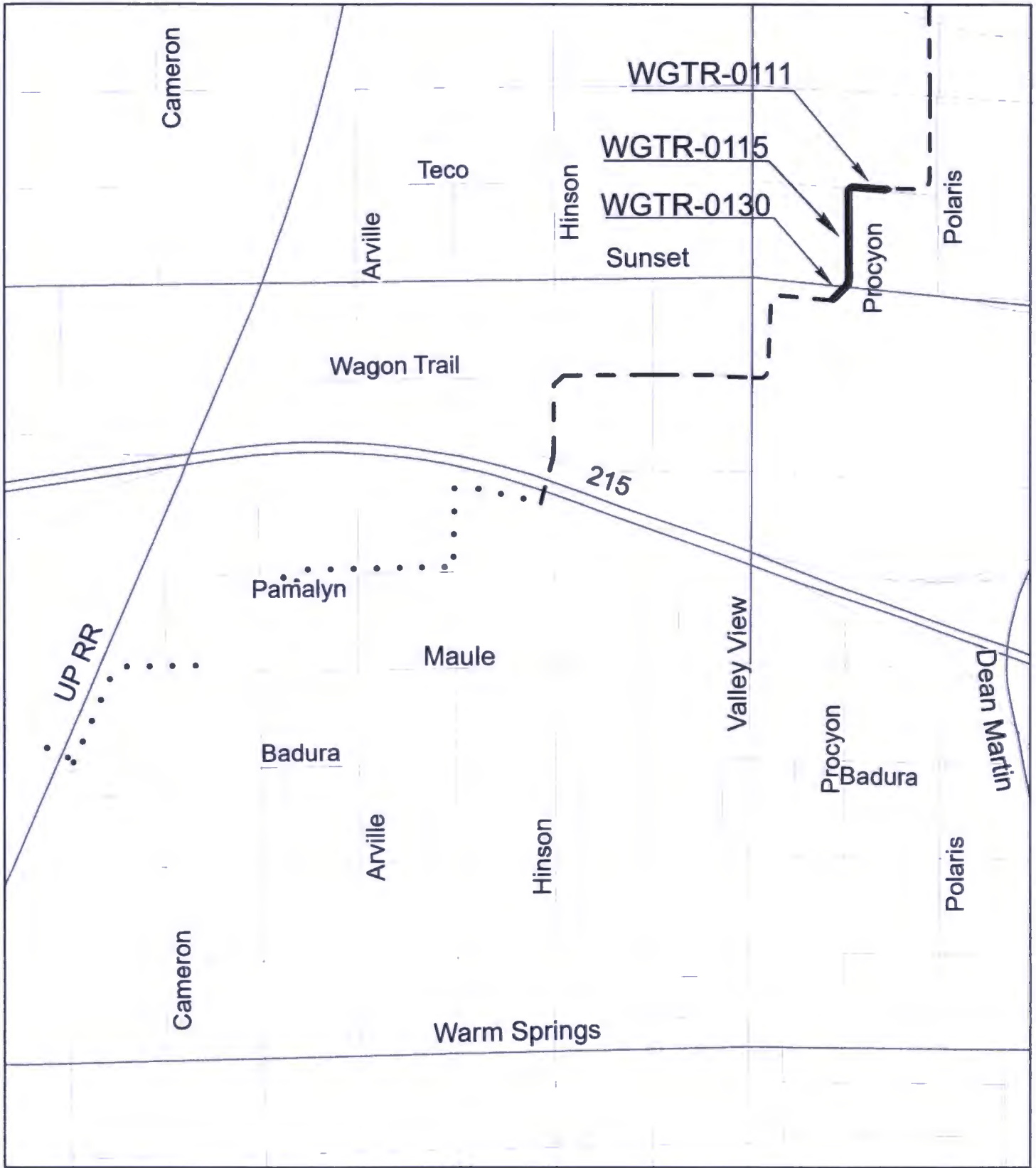
By: _____
DEBRA MARCH, Chair

Attest:

DEANNA HUGHES
Secretary to the Board

Approved as to Form:

CHRISTOPHER FIGGINS
RFCDD Attorney






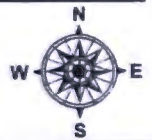
- Legend**
-  Proposed
 -  Existing
 -  Future

Exhibit A



	Project Number: CLA10J21	CLARK COUNTY PUBLIC WORKS
		SCALE: NOT TO SCALE
	Wagon Trail Channel - Sunset Road to Teco Avenue	DATE: 05-13-2021
		SHEET NUMBER: 1 OF 1

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

FAIRGROUNDS DETENTION BASIN AND OUTFALL

PETITIONER:

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT ACCEPT THE PROJECT PRESENTATION ON THE PROPOSED FAIRGROUNDS DETENTION BASIN AND OUTFALL MOA03B21 (FOR POSSIBLE ACTION)

FISCAL IMPACT: None by this action.


BACKGROUND:

The subject project is described in the 2020 Master Plan Update for Muddy River and Tributary Washes as Facility Numbers FGWS 0000, 0030, 0070, 0075, 0105, 0128, 0164, 0165 and 0166 and FGLS 0000. The proposed project consists of an 135-acre feet detention basin and outfall storm drain conveyance facilities along Heyer Street then along Whipple Avenue to Muddy River.

Representatives from the design consultant, WSP, and Clark County staff will be available to respond to any questions following the brief presentation.

Respectfully submitted,

TAC AGENDA ITEM # 21a Date: 05.27.2021	RFCD AGENDA ITEM # Date: 06.10.2021
CAC AGENDA ITEM # 21a Date: 05.27.2021	


DENIS CEDERBURG
Director of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

**FAIRGROUNDS DETENTION BASIN AND OUTFALL
PROJECT PRESENTATION – MOA03B21**

The subject project is described in the 2020 Master Plan Update for Muddy River and Tributary Washes as Facility Numbers FGWS 0000, 0030, 0070, 0075, 0105, 0128, 0164, 0165 and 0166 and FGLS 0000. The proposed project consists of a 135-acre feet detention basin and outfall storm drain conveyance facilities along Heyer Street then along Whipple Avenue to Muddy River.

Representatives from the design consultant, WSP, and Clark County staff will be available to respond to any questions following the brief presentation.

Staff Recommendation:

Accept the project presentation.

Discussion by Technical Advisory Committee:

AGENDA
#21a Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#21a Date: 05/27/2021

Recommendation:



Department of Public Works

500 S Grand Central Pky • Box 554000 • Las Vegas NV 89155-4000
(702) 455-6000 • Fax (702) 455-6040

Denis Cederburg, P.E., Director • E-Mail: dlc@ClarkCountyNV.gov

May 17, 2021

Steven C. Parrish, P.E., General Manager/Chief Engineer
Clark County Regional Flood Control District
600 South Grand Central Parkway, Suite 300
Las Vegas, Nevada 89106

RE: Fairgrounds Detention Basin and Outfall

Dear Mr. Parrish,

The design plans and specifications prepared by WSP (formerly Louis Berger), for the above-referenced project, shown on "Exhibit A", are at a 100% level of completion. Clark County Department of Public Works is pleased to present this project to the Technical Advisory Committee, Citizens Advisory Committee, and District's Board of Directors for construction funding approval.

The following project information is being submitted to comply with NRS 543.580:

- **Project History and Description**

Fairgrounds Detention Basin and Outfall system is located in the Town of Logandale within the Moapa Valley, Clark County, Nevada. Historically, the residents of Logandale have experienced flooding and sediment accumulation generated by the watershed tributary to the proposed Fairgrounds Detention Basin and Outfall. Public properties downstream of the detention basin include the Grants Bowler Elementary School and Clark County Fairgrounds. This project is described in the 2020 Muddy River and Tributaries Flood Control Master Plan with Facility ID Miles FGWS 0000, 0030, 0070, 0075, 0105, 0128, 0164, 0165, and 0166 and FGLS 0000.

The proposed project consists of a 135-acre feet detention basin designed to attenuate the ultimate condition 100-year storm event and safely pass the Probable Maximum Flood (PMF) over an emergency spillway. The basin's earthen embankment is lined with concrete slope pavement on the upstream face that terminates with a 7-foot deep cutoff wall. The embankment is 30 feet tall at its maximum height. An ogee-crest concrete spillway provides 0.32 feet of freeboard during the 100-year design storm and sufficient sediment storage. The 375-foot long spillway is designed to pass 15,293 cfs with a flow depth of 4.79 feet, which allows 1.21 feet of freeboard on the embankment crest. The downstream face of the spillway, also concrete lined, has a 2H:1V slope down to a stilling basin to dissipate energy. The stilling basin contains chute blocks, baffle blocks, and an end sill. A riprap apron provides additional energy dissipation and erosion protection beyond the end sill.

The outfall system consists of 1.8 miles of storm drain pipe and box ranging in size from 36-inch RCP to 12' x 6' RCB. The system begins with an 18-inch diameter orifice plate on the 36-inch outlet that reduces the 100-year inflow from 1521 cfs to an outflow of 44 cfs (97% attenuation). The outfall pipe increases in size once it reaches Whipple

BOARD OF COUNTY COMMISSIONERS
MARILYN KIRKPATRICK, Chair • JAMES B. GIBSON, Vice Chair
JUSTIN C. JONES • WILLIAM MCCURDY II • ROSS MILLER • MICHAEL NAFT • TICK SEGERBLOM
YOLANDA T. KING, County Manager

Avenue and intercepts flow from a proposed sediment basin east of Heyer Street, and again east of Mateuse Street. At Lyman Street, a confluence structure is proposed for a future Lyman Street Detention Basin outfall connection and the outfall facility becomes a 9' x 5' RCB. The last 1,235 feet of the outfall is 12' x 6' RCB that terminates at the Muddy River with an outlet structure consisting of an end sill and top grate. The design flow in the storm drain is 668 cfs at the Muddy River due to the collection system (drop inlets and laterals) proposed along Whipple Avenue.

- **Project Costs**

A detailed construction cost estimate is attached as "Exhibit B." The estimated project costs for Fairgrounds Detention Basin and Outfall are summarized below:

Design	\$	727,000
Entity Design Labor	\$	60,000
Right-of-Way	\$	95,000
Environmental	\$	172,500
Emergency Action Plan	\$	17,000
Construction	\$	12,315,000
Construction Management	\$	1,231,500
Entity Construction	\$	<u>250,000</u>
Management Labor		
TOTAL	\$	14,868,000

- **Outside Funding**

Outside funding is not included with this project.

- **Projected Construction Schedule**

If funding were made available today, the estimated construction schedule is listed below:

Award of Bid	September 2021
Construction Start Date	November 2021
Construction End Date	January 2023
Project Duration	15 months

- **Right-of-Way**

Fairgrounds Detention Basin and Outfall will be constructed within an existing Bureau of Land Management grant easement and in existing Clark County right-of-way.

- **Cash Flow Projection**

Attached is a cash flow projection for construction.

- **Economic Benefit**

This project is a portion of the Clark County Regional Flood Control District (CCRFCD) Master Plan. In September 2005, CCRFCD received the document titled "Benefit to Cost Analysis of Capital Programs" prepared by Hobbs, Ong & Associates, Inc.;

Restrepo Consulting Group/Applied Market Analysis; Post, Buckley, Schuh & Jernigan, Inc.; and Public Financial Management, Inc.

The report concludes, "The quantifiable public benefits associated with flood control project, when compared to costs, show that flood control projects have provided a return of \$2.21 for each dollar expended. When those benefits that are not readily quantifiable are taken into consideration, the contribution that these facilities provide to the welfare of Clark County's residents and the vitality of the local economy increases beyond the calculated ratio. It is expected that the benefit to cost ratio of the District construction program will remain at a level that approximates 2 to 1 through buildout of the Master Plan and over the useful life of the facilities."

- **Environmental Requirements**
Clark County has met all necessary environmental requirements for this project.
- **Project Enhancements**
None.

If you have any questions, please call the undersigned at (702) 455-6077.

Sincerely,



Mona W. Stammetti P.E.
Principal Civil Engineer

MWS:cm

Enclosures: Cash Flow Projection
Project Map – Exhibit A
Cost Estimate – Exhibit B
Typical Sections – Exhibit C

Clark County Regional Flood Control District Cash Flow Projection

Date: 5/17/2021

Project Number: MOA03B21

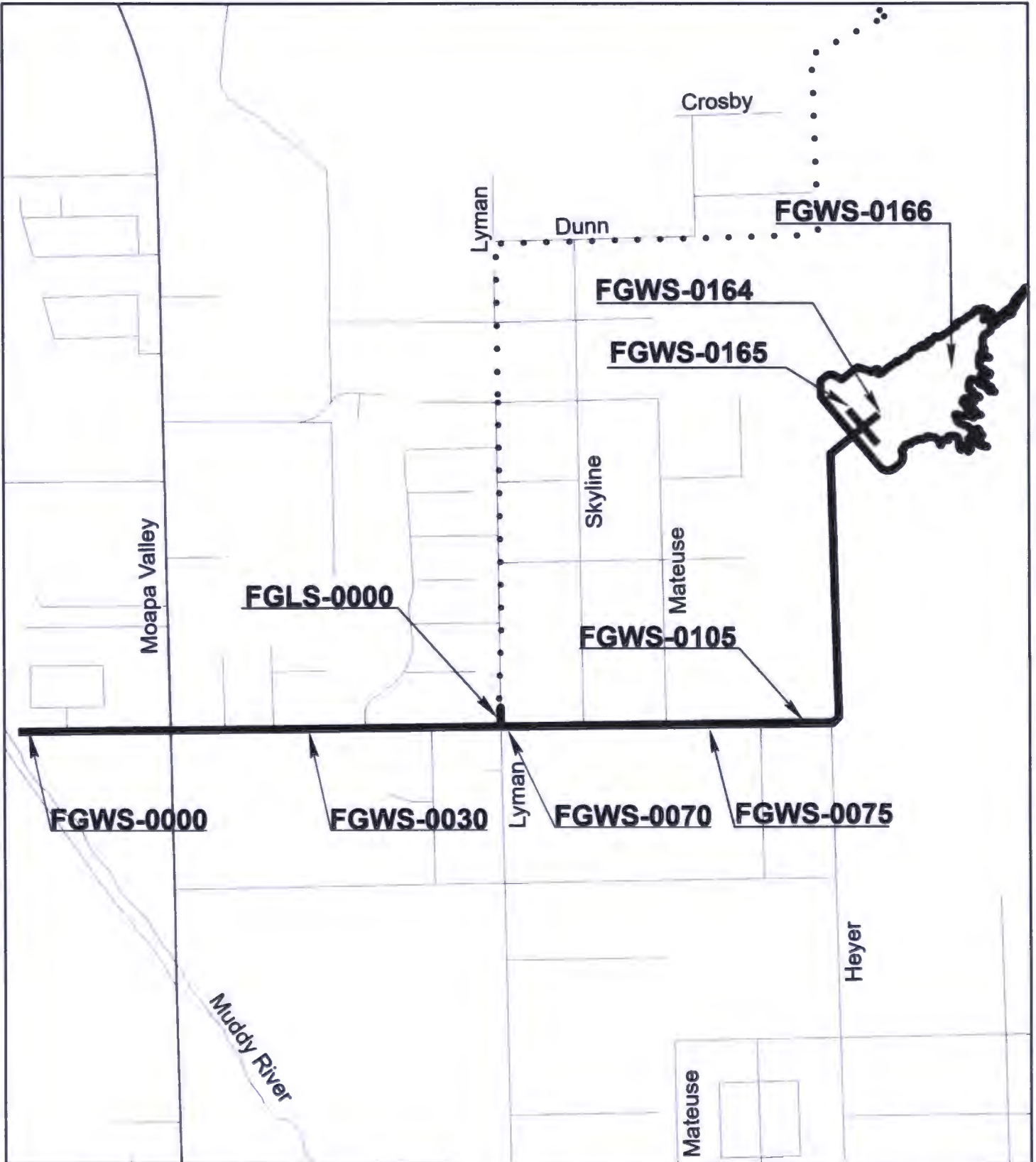
Project Name: Fairgrounds Detention Basin and Outfall

Project Type: Detention Basin and Outfall

ILC Amount: \$ 13,796,500

Construction Schedule			
Milestone	Estimate	Revised	Actual
Award of Bid	September-21		
CONS Start	November-21		
CONS Complete	January-23		
Project Duration	15 months		

Billing Month	CCRFCD Original Estimate		Actual Drawdown		CCRFCD Revised Estimate	
	\$	%	\$	%	\$	%
November-21	689,825	5				
December-21	689,825	5				
January-22	1,379,650	10				
February-22	1,241,685	9				
March-22	1,241,685	9				
April-22	1,103,720	8				
May-22	1,103,720	8				
June-22	1,103,720	8				
July-22	1,103,720	8				
August-22	965,755	7				
September-22	965,755	7				
October-22	827,790	6				
November-22	689,825	5				
December-22	413,895	3				
January-23	275,930	2				
TOTAL	13,796,500	100				



Legend

- Proposed
- - - Existing
- • • Future

Exhibit A



Project Number: MOA03B21

**Fairgrounds
Detention Basin and Outfall**

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 05-17-2021

SHEET NUMBER: 1 OF 1

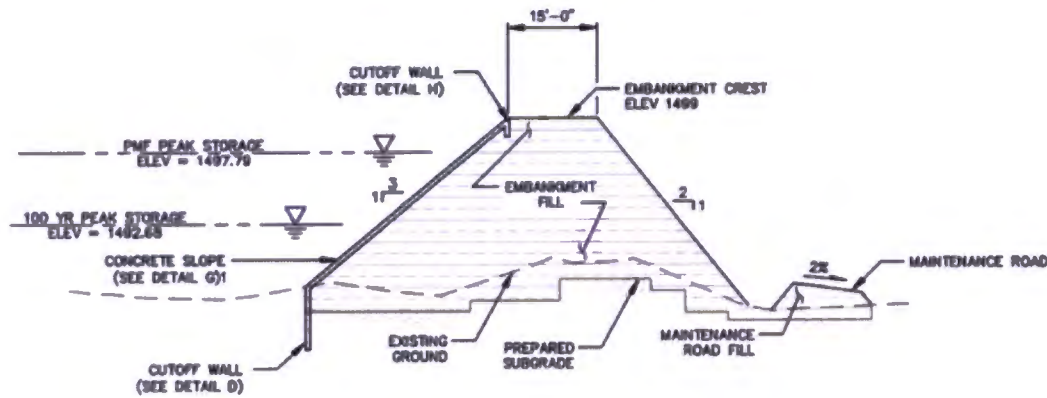
EXHIBIT B

Project Name: Fairgrounds Detention Basin and Outfall
 Project Number: MOA03B21

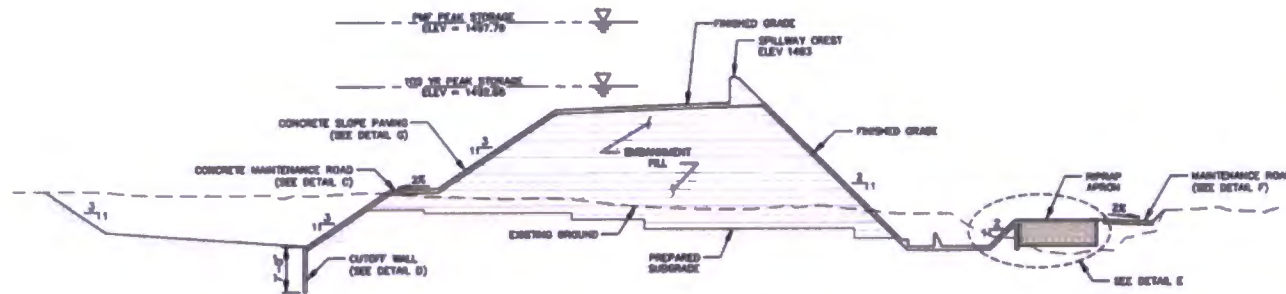
Item No.	Description	Quantity	Unit	Engineer's Estimate	
				Unit Price	Amount
105 01	QUALITY CONTROL ADMINISTRATIVE INCENTIVE	1	LB	\$111,000.00	\$111,000.00
107 01	TRAFFIC CONTROL	365	DAY	\$600.00	\$182,800.00
109 01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LB	\$100,000.00	\$100,000.00
109 02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	20	DAY	\$500.00	\$10,000.00
109 03	ADDITIONAL AMOUNT OVER \$500 A DAY / AS DETERMINED BY BIDDER	20	DAY	\$500.00	\$10,000.00
200 01	MOBILIZATION	1	LB	\$719,000.00	\$719,000.00
201 01	CLEARING AND GRUBBING	7	ACRE	\$2,000.00	\$14,000.00
202 01	REMOVE WATER LINE	203	LF	\$50.00	\$10,150.00
202 02	REMOVE STORM DRAIN PIPE	69	LF	\$50.00	\$3,450.00
202 03	REMOVE SIDEWALK	165	SF	\$2.00	\$330.00
202 04	REMOVE L CURB AND GUTTER	33	LF	\$2.00	\$66.00
202 05	REMOVE A CURB	653	LF	\$2.00	\$1,306.00
202 06	REMOVE DETECTABLE WARNING SURFACE	2	EA	\$50.00	\$100.00
202 07	REMOVE CROSS GUTTER	45	LF	\$20.00	\$900.00
202 08	REMOVE FENCE	400	LF	\$10.00	\$4,000.00
203 01	SEDIMENT BASIN EXCAVATION	800	CY	\$12.00	\$9,600.00
203 02	DETENTION BASIN EXCAVATION	84,000	CY	\$8.00	\$672,000.00
203 03	DAM EMBANKMENT FILL	24,000	CY	\$3.00	\$72,000.00
203 04	ROADWAY EXCAVATION	3,500	CY	\$10.00	\$35,000.00
216 01	2" COLD PLANING	4,500	BY	\$4.00	\$18,000.00
216 02	REMOVAL OF BITUMINOUS SURFACE (COLD MILLING) (NDOT)	300	BY	\$4.00	\$1,200.00
302 01	TYPE II AGGREGATE	2,940	CY	\$40.00	\$118,000.00
302 02	TYPE I CLASS B AGGREGATE BASE (NDOT)	40	CY	\$40.00	\$1,600.00
402 01	5" PLANTMIX BITUMINOUS SURFACE	12,100	BY	\$20.00	\$242,000.00
402 02	5" PLANTMIX BITUMINOUS SURFACE (NDOT)	300	BY	\$20.00	\$6,000.00
402 03	2" PLANTMIX BITUMINOUS SURFACE	4,500	BY	\$10.00	\$45,000.00
502 01	7-FOOT X 5-FOOT RCB	77	LF	\$900.00	\$69,300.00
502 02	8-FOOT X 5-FOOT RCB	89	LF	\$700.00	\$62,300.00
502 03	9-FOOT X 5-FOOT RCB	2,689	LF	\$600.00	\$1,613,400.00
502 04	12-FOOT X 6-FOOT RCB	1,233	LF	\$1,300.00	\$1,602,900.00
502 05	MUDDY RIVER OUTLET STRUCTURE	1	LB	\$100,000.00	\$100,000.00
502 06	LYMAN STREET CONFLUENCE STRUCTURE	1	LB	\$60,000.00	\$60,000.00
502 07	DETENTION BASIN OUTLET STRUCTURE	1	LB	\$50,000.00	\$50,000.00
502 08	PMF SPILLWAY	1	LB	\$1,650,000.00	\$1,650,000.00
502 09	CONCRETE SLOPE PAVING	6,650	BY	\$75.00	\$498,750.00
502 10	CCR/CD MONITORING STATION	1	LB	\$35,000.00	\$35,000.00
603 01	18-INCH RCP (CLASS III)	242	LF	\$125.00	\$30,250.00
603 02	24-INCH RCP (CLASS III)	487	LF	\$175.00	\$85,225.00
603 03	30-INCH RCP (CLASS III)	8	LF	\$216.00	\$1,728.00
603 04	36-INCH RCP (CLASS III)	2,546	LF	\$275.00	\$700,150.00
603 05	36-INCH RCP (CLASS V)	192	LF	\$225.00	\$43,200.00
603 06	42-INCH RCP (CLASS III)	220	LF	\$250.00	\$55,000.00
603 07	48-INCH RCP (CLASS III)	1,170	LF	\$290.00	\$341,040.00
603 08	54-INCH RCP (CLASS III)	1,632	LF	\$325.00	\$530,400.00
603 09	19-INCH X 30-INCH HERCP	326	LF	\$150.00	\$48,900.00
609 01	RCB ACCESS MANHOLE	11	EA	\$3,000.00	\$33,000.00
609 02	48-INCH TYPE 1 STORM DRAIN MANHOLE	3	EA	\$5,000.00	\$15,000.00
609 03	60-INCH TYPE 1 STORM DRAIN MANHOLE	6	EA	\$7,000.00	\$42,000.00
609 04	60-INCH TYPE 1A STORM DRAIN MANHOLE	1	EA	\$7,000.00	\$7,000.00
609 05	TYPE III STORM DRAIN MANHOLE	8	EA	\$8,000.00	\$64,000.00
609 06	NDOT TYPE 4 STORM DRAIN MANHOLE	4	EA	\$10,000.00	\$40,000.00
609 07	NDOT TYPE 2 DROP INLET WITH CONCRETE APRON	1	EA	\$5,800.00	\$5,800.00
609 08	TRIPLE NDOT TYPE 2 DROP INLET WITH CONCRETE APRON	3	EA	\$5,800.00	\$17,400.00
609 09	NDOT TYPE 8 DROP INLET	2	EA	\$14,800.00	\$29,600.00
609 10	SPECIAL DROP INLET WITH CONCRETE APRON	1	EA	\$6,000.00	\$6,000.00
609 11	TYPE "DM" DROP INLET (L = 5')	1	EA	\$6,000.00	\$6,000.00
609 12	TYPE "DM" DROP INLET (L = 10')	1	EA	\$13,000.00	\$13,000.00
609 13	TYPE "DM" DROP INLET (L = 12.5')	1	EA	\$16,000.00	\$16,000.00
609 14	TYPE "DM" DROP INLET (L = 15')	1	EA	\$20,000.00	\$20,000.00
609 15	TYPE "DM" DROP INLET (L = 20')	4	EA	\$26,000.00	\$104,000.00
610 01	R/RAP (D50+12')	420	CY	\$90.00	\$37,800.00
610 02	R/RAP (D50+24')	2,200	CY	\$75.00	\$165,000.00
613 01	CONCRETE SIDEWALK	165	SF	\$6.00	\$990.00
613 02	CONCRETE L CURB AND GUTTER	33	LF	\$22.00	\$726.00
613 03	CONCRETE A CURB	653	LF	\$12.00	\$7,836.00
613 04	DETECTABLE WARNING SURFACE	10	SF	\$20.00	\$200.00
613 05	CONCRETE CROSS GUTTER	45	LF	\$130.00	\$5,850.00
616 01	72-INCH CHAIN LINK FENCE	975	LF	\$15.00	\$14,625.00
616 02	TYPE A BARBED WIRE FENCE	1,455	LF	\$10.00	\$14,550.00
616 03	2-CABLE FENCE	337	LF	\$20.00	\$6,740.00
616 04	16-FOOT DOUBLE SWING GATE	1	EA	\$750.00	\$750.00
623 01	VERTICALLY ADJUST TRAFFIC SIGNAL BOX	1	EA	\$1,000.00	\$1,000.00
626 01	FINAL CLEANUP ALLOWANCE	1	LB	\$15,000.00	\$15,000.00
627 01	PERMANENT SIGN	2	EA	\$200.00	\$400.00
628 01	PAVEMENT MARKINGS (POLYUREA) (DOUBLE 4-INCH SOLID YELLOW LINE)	36	LF	\$1.80	\$64.80
628 02	PAVEMENT MARKINGS (POLYUREA) (8-INCH SOLID WHITE LINE)	7,610	LF	\$1.30	\$9,893.00
628 03	POLYUREA PAVEMENT STRIPING (8-INCH SOLID WHITE LINE) (NDOT)	33	LF	\$1.30	\$42.90
628 04	PAVEMENT MARKINGS (TYPE 2) (STOP BAR)	60	SF	\$6.00	\$360.00
628 05	PAVEMENT MARKINGS (TYPE 2) ("STOP" LEGEND)	2	EA	\$200.00	\$400.00
628 06	PAVEMENT MARKINGS (TYPE 2) (CROSSWALK)	840	SF	\$6.00	\$5,040.00
629 01	VERTICALLY ADJUST WATER VALVE BOX	13	EA	\$650.00	\$8,450.00
629 02	8-INCH PVC (CR00) WATER LINE	107	LF	\$200.00	\$21,400.00
629 03	8-INCH PVC (CR00) WATER LINE	107	LF	\$225.00	\$24,075.00
629 04	12-INCH PVC (CR00) WATER LINE	114	LF	\$750.00	\$85,500.00
629 05	8-INCH GATE VALVE	1	EA	\$2,000.00	\$2,000.00
629 06	12-INCH GATE VALVE	1	EA	\$2,500.00	\$2,500.00
633 01	NON REFLECTIVE PAVEMENT MARKERS	744	EA	\$3.00	\$2,232.00
633 02	NON REFLECTIVE PAVEMENT MARKERS (NDOT)	12	EA	\$3.00	\$36.00
633 03	REFLECTIVE PAVEMENT MARKERS	400	EA	\$3.00	\$1,200.00
633 04	REFLECTIVE PAVEMENT MARKERS (NDOT)	8	EA	\$3.00	\$24.00
637 01	DUST CONTROL	365	DAY	\$100.00	\$36,500.00
				SUBTOTAL	\$11,194,915.70
				10% CONTINGENCY	\$1,119,491.57
				TOTAL	\$12,314,407.27
				ACTUAL TOTAL ESTIMATE	\$12,315,000.00



Fairgrounds-Whipple
Detention Basin
MOA03B19



Typical Embankment Section

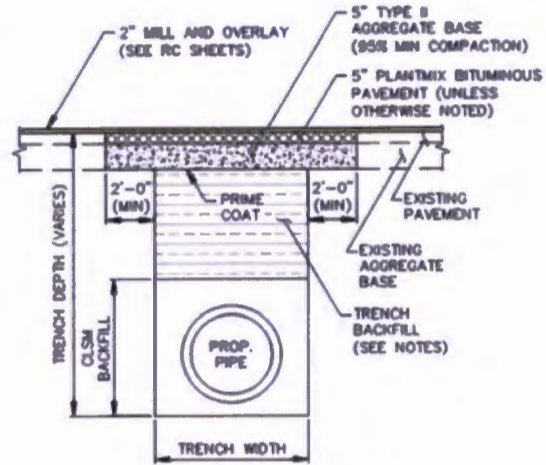


Typical Spillway Section

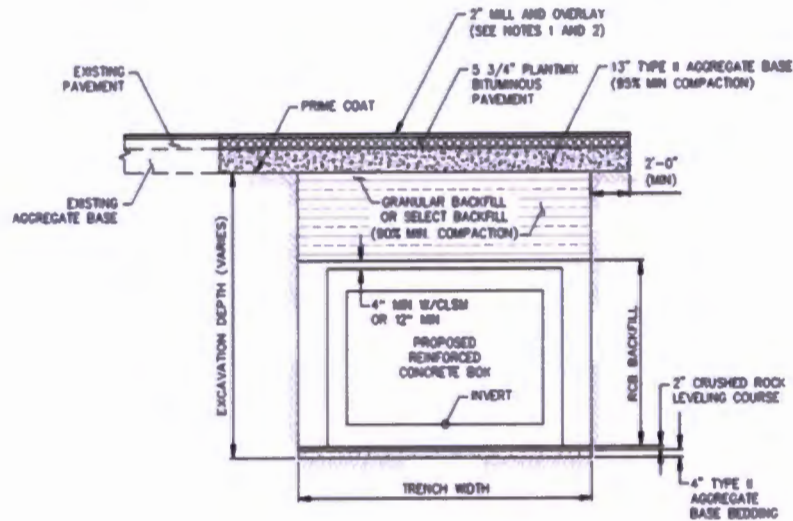




Fairgrounds-Whipple
Detention Basin
MOA03B19



Typical Trench Section - Pipe



Typical Trench Section - RCB



**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT: FAIRGROUNDS DETENTION BASIN AND OUTFALL

PETITIONER: DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER: THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR CONSTRUCTION FOR FAIRGROUNDS DETENTION BASIN AND OUTFALL MOA03B21 (FOR POSSIBLE ACTION)

FISCAL IMPACT:

Construction Management	\$ 1,231,500.00
Construction	\$ 12,315,000.00
Entity Construction Management	\$ 250,000.00
Labor	
Total ILC Value	<u>\$ 13,796,500.00</u>

BACKGROUND:

Fairgrounds Detention Basin and Outfall is described in the 2020 Master Plan Update for Muddy River and Tributary Washes as Facility Numbers FGWS 0000, 0030, 0070, 0075, 0105, 0128, 0164, 0165 and 0166 and FGLS 0000 The proposed project consists of an 135-acre feet detention basin and outfall storm drain conveyance facilities along Heyer Street then along Whipple Avenue to the Muddy River.

This project is included in Year 1 of the Ten-Year Construction Program.

Respectfully submitted,

TAC AGENDA ITEM # 21b Date: 05.27.2021	RFCD AGENDA ITEM # Date: 06.10.2021
CAC AGENDA ITEM # 21b Date: 05.27.2021	


DENIS CEDERBURG
Director of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

**FAIRGROUNDS DETENTION BASIN AND OUTFALL
INTERLOCAL CONTRACT – MOA03B21**

Fairgrounds Detention Basin and Outfall is described in the 2020 Master Plan Update for Muddy River and Tributary Washes as Facility Numbers FGWS 0000, 0030, 0070, 0075, 0105, 0128, 0164, 0165 and 0166 and FGLS 0000. The proposed project consists of a 135-acre feet detention basin and outfall storm drain conveyance facilities along Heyer Street then along Whipple Avenue to the Muddy River.

With the total project construction cost of \$11.2 million, approximately 133 jobs will be created or sustained with this project. District funding will be provided as follows:

Construction	\$12,315,000
Construction Management	\$ 1,231,500
Entity Construction Management Labor	\$ 250,000
Total ILC Value	\$13,796,500

This project is included in Year 1 of the Ten-Year Construction Program. The RFCD Attorney has reviewed the contract.

Staff Recommendation:

Approve subject to approval of the Ten-Year Construction Program Amendment item on this agenda.

Discussion by Technical Advisory Committee:

AGENDA
#21b Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#21b Date: 05/27/2021

Recommendation:

**INTERLOCAL CONTRACT FOR
FAIRGROUNDS DETENTION BASIN AND OUTFALL**

THIS INTERLOCAL CONTRACT (“CONTRACT”), made and entered into this _____ day of _____, 2021, by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the County of Clark, hereinafter referred to as “COUNTY”.

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements; and

WHEREAS, the flood control improvements proposed herein are generally described in the 2011 Master Plan Update for Moapa Valley, Structure No. FGWS 0000, 0113, 0164, 0165 and 0166, hereinafter referred to as “Project”; and

WHEREAS, the flood control improvements proposed herein are generally described in the 2016 Master Plan Update for Moapa Valley, Structure No. FGWS 0000, 0075, 0105, 0128, 0164, 0165 and 0166, hereinafter referred to as “Project”; and

WHEREAS, the flood control improvements proposed herein are generally described in the 2020 Master Plan Update for Muddy River and Tributary Washes, as Structure No.s FGWS 0000, 0030, 0070, 0075, 0105, 0128, 0164, 0165 and 0166 and FGLS 0000, hereinafter referred to as “Project”; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit “A”; and,

WHEREAS, the PROJECT has been approved by the DISTRICT on its annual Ten Year Construction Program; and

WHEREAS, it is desirable to proceed with the construction of the PROJECT; and

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as the Las Vegas Valley.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the COUNTY agree to the following:

SECTION I - SCOPE OF PROJECT

This Interlocal Contract applies to construction and construction engineering of improvements associated with the Fairgrounds Detention Basin and Outfall. The proposed project consists of an

135-acre feet detention basin and outfall storm drain conveyance facilities along Heyer Street then along Whipple Street to Muddy River. The PROJECT is further identified and shown on the attached Exhibit "A."

SECTION II - PROJECT COSTS

The DISTRICT agrees to fund PROJECT costs within the limits specified below:

1. Construction Management in an amount not to exceed \$1,231,500.00
2. Construction in the amount not to exceed \$12,315,000.00.
3. Entity Construction Management Labor in the amount not to exceed \$250,000.00.
4. The total cost of this Interlocal CONTRACT shall not exceed \$13,796,500.00, which includes all the items described in the paragraphs above.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the PROJECT. No other approval by the Lead Entity is required.
6. A written request must be made to the DISTRICT and a supplemental interlocal contract must be approved by the Board to increase the total cost of the CONTRACT noted above prior to payment of any additional funds.

SECTION III - GENERAL

1. The Clark County Regional Flood Control District shall be shown on the title sheet of both the plans and the specifications as the funding agency.
2. The COUNTY will use its best efforts to award the bid for this PROJECT by September 1, 2021. Prior to submission of the first payment request, the Entity will submit to the District a construction schedule and cash flow projection. The COUNTY will take all reasonable steps possible to avoid delays in the construction of DISTRICT funded projects. PROJECT delays more than four months, as measured from the award date, may be subject to a formal review by both the Technical Advisory Committee and the Board. At the review, the COUNTY will have an opportunity to present information relative to the delays, measures taken to avoid the delays and the likelihood of those delays continuing. The Board will make a determination, in view of the delays and limited available funding, whether PROJECT funding should continue. In the case that the Board chooses to discontinue funding, the Board may cancel any Interlocal Contract(s) associated with the PROJECT and discontinue funding for the remainder of the PROJECT. Funding already spent or appropriated by the COUNTY will not be

required to be refunded to the DISTRICT. PROJECT funding can be reconsidered at any time when the COUNTY can demonstrate that the PROJECT can proceed on an acceptable schedule.

3. The COUNTY will comply with the Local Purchasing Act, Chapter 332, and Public Works Projects, Chapter 338 of the Nevada Revised Statutes.
4. The COUNTY, its employees, and representatives shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed on the PROJECT.
5. The COUNTY will require appropriate financial security for the construction of the PROJECT.
6. The COUNTY shall provide all impacted entities and the DISTRICT with the opportunity to provide the COUNTY with input relative to the following processes: scope of services development; consultant selection; design; construction and maintenance review; and monitoring of the effectiveness and impacts of facilities on flood flows.
7. Applicable portions of the current editions of the Clark County Regional Flood Control District's Policies and Procedures, the Hydrologic Criteria and Drainage Design Manual, and Uniform Regulations for Control of Drainage adopted by the DISTRICT will apply in developing this PROJECT unless specifically superseded by this CONTRACT.
8. Purchases of right-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the COUNTY. Revenues derived from the sale of these properties, less the cost of the sale of these properties, will be forwarded to the DISTRICT.
9. Administrative settlements and acceptance of counter offers involving right-of-way may only be made following a review and approval by the DISTRICT.
10. The DISTRICT will pay the COUNTY, or make payment directly to its contractor or its consultant, each month for PROJECT costs as outlined in SECTION II - PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
 - a. Predesign Engineering
 - b. Design Engineering
 - c. Entity Design Labor
 - d. Right-of-way
 - e. Environmental
 - f. Emergency Action Plan
 - g. Flood Map Revision
 - h. Construction

- i. Construction Management
 - j. Entity Construction Management Labor
 - k. Landscape Construction
 - l. Other
11. Accurate documentation of all work done and payments made will be maintained by the COUNTY for a period of three (3) years in hard copy form after final PROJECT approval and payment. Following the three (3) year period, the COUNTY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format.
 12. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects both during and after PROJECT completion.
 13. Up to the limits set forth in NRS Chapter 41, the COUNTY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of COUNTY officers, employees or agents, related to or under this CONTRACT which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.
 14. Any costs found to be improperly allocated to the Project will be refunded by the COUNTY to the DISTRICT.
 15. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2026. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days' notice.

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16. This CONTRACT may be executed in multiple counterparts, each of which shall be deemed an original CONTRACT and each of which shall constitute one and the same CONTRACT. The counterparts of this CONTRACT may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

By: _____
MARILYN KIRKPATRICK
Chair

Attest:

LYNN MARIE GOYA
County Clerk

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

By: _____
DEBRA MARCH, Chair

Attest:

DEANNA HUGHES
Secretary to the Board

Approved as to Form:

CHRISTOPHER FIGGINS
RFCD Attorney

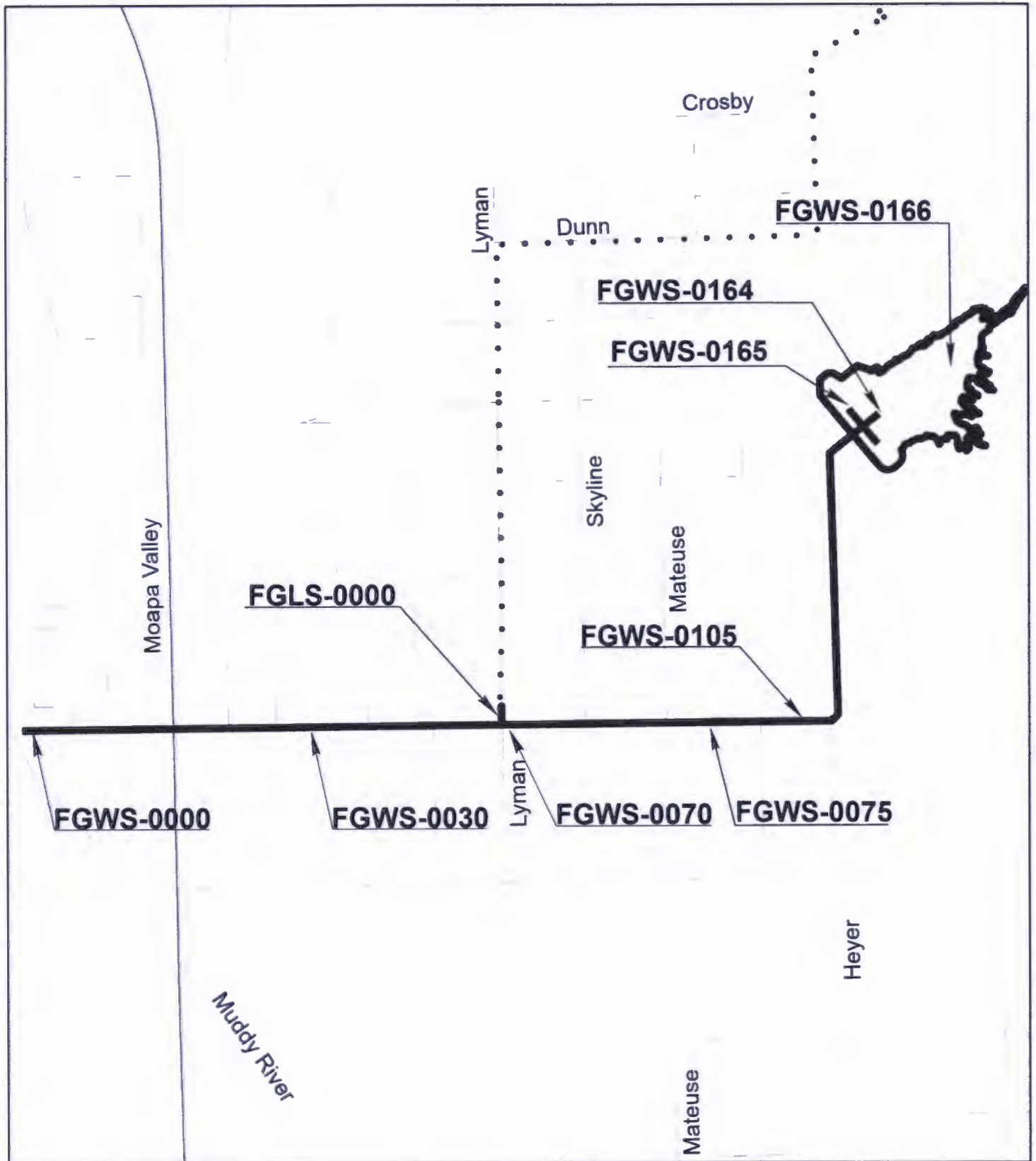


Exhibit A

Legend

- Proposed
- - - Existing
- • • Future



Project Number: MOA03B21

**Fairgrounds
Detention Basin and Outfall**

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 05-17-2021

SHEET NUMBER: 1 OF 1

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

AMENDMENT TO THE 2019 OUTLYING AREAS MASTER PLAN UPDATE
SEARCHLIGHT WEST

PETITIONER:

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THE MASTER PLAN AMENDMENT (FOR POSSIBLE ACTION)

FISCAL IMPACT: None by this Action

BACKGROUND:

This proposed Amendment to the 2019 Outlying Areas Master Plan Update (2019 OAMPU) revises the alignment, sizes, and 100-year peak flow rates for Searchlight West facilities ID Mile SRWE 0001, 0002, 0005, 0023, and 0048. The proposed Searchlight West facility numbers SRWE 0001 and SRWE 0002 facilities will be realigned along an existing wash that traverses APNs 243-34-601-010, 243-34-701-028, 243-34-301-009, and 243-34-201-008 and SRWE 0003 will be added. Facilities SRWE 0000 and 0100 are no longer contiguous with the 2019 OAMPU systems; therefore, will be removed with this MPA. The proposed changes to the 2019 OAMPU are consistent with the general principles set forth in NRS 543.597 and subsection 3 of NRS 543.590. This MPA does not adversely affect the continued implementation of the 2019 OAMPU.

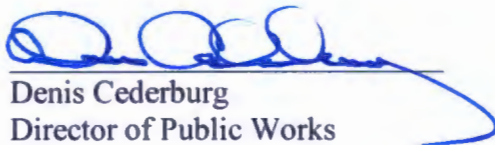
A construction cost estimate was prepared using the 2018 Las Vegas Valley MPU GIS-based Cost Estimation Tool. Note that costs for SRWE 0023 and 0048 were not recalculated since revision to these facilities were limited to changes in flow rate and not facility size. The total estimated cost of the revised facilities is \$5,203,887.00. The costs of the current facilities, per the OAMPU, are estimated to be \$4,845,972.00.

The table below summarizes the total cost of the facilities proposed to be revised with this MPA to the 2019 OAMPU.

Cost Comparison of Flood Control Facilities									
Estimated Cost of Revised 2019 OAMPU Facilities					Estimated Cost of Proposed MPA Facilities				
ID / MILE	Status	Facility Description	Length (ft.)	Total Cost	ID / MILE	Status	Facility Description	Length (ft.)	Total Cost
SRWE	SEARCHLIGHT WEST FACILITIES				SRWE	SEARCHLIGHT WEST FACILITIES			
0001	P	14' X 4' RCB	144	\$ 266,865.00	0001	P	16' X 5' RCB	725	\$ 1,612,771.00
0002	P	14' X 4' RCB	1,363	\$ 2,529,113.00	0002	P	16' X 5' RCB	248	\$ 549,515.00
0003	NA	NA	NA	NA	0003	P	8' X 5' RCB	750	\$ 1,201,727.00
0005	P	8' X 5' RCB	1,172	\$ 1,872,197.00	0005	P	8' X 5' RCB	1,150	\$ 1,839,874.46
0100	P	4: 8'X6' RCBC @ SR 164 (REPLACES SRWE0000)	50	\$ 177,797.00	0100	NA	NA	NA	\$ 0
Total Value:				\$ 4,845,972.00	Total Value:				\$ 5,203,887.00

Representatives from CH2M HILL Engineers, Inc. will be available to respond to any questions following the brief presentation.

Respectfully submitted,


 Denis Cederburg
 Director of Public Works

TAC AGENDA ITEM # 22 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
CAC AGENDA ITEM # 22 Date: 05/27/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

**MASTER PLAN AMENDMENT
SEARCHLIGHT WEST**

This proposed Amendment to the 2019 Outlying Areas Master Plan Update (2019 OAMPU) revises the alignment, sizes, and 100-year peak flow rates for Searchlight West facilities ID Mile SRWE 0001, 0002, 0005, 0023, and 0048. The proposed Searchlight West facility numbers SRWE 0001 and SRWE 0002 facilities will be realigned along an existing wash that traverses APNs 243-34-601-010, 243-34-701-028, 243-34-301-009, and 243-34-201-008 and SRWE 0003 will be added. Facilities SRWE 0000 and 0100 are no longer contiguous with the 2019 OAMPU systems; therefore, will be removed with this MPA. The proposed changes to the 2019 OAMPU are consistent with the general principles set forth in NRS 543.597 and subsection 3 of NRS 543.590. This MPA does not adversely affect the continued implementation of the 2019 OAMPU.

A construction cost estimate was prepared using the 2018 Las Vegas Valley MPU GIS-based Cost Estimation Tool. Note that costs for SRWE 0023 and 0048 were not recalculated since revision to these facilities were limited to changes in flow rate and not facility size. The total estimated cost of the revised facilities is \$5,203,887.00. The costs of the current facilities, per the OAMPU, are estimated to be \$4,845,972.00.

The table below summarizes the total cost of the facilities proposed to be revised with this MPA to the 2019 OAMPU.

Cost Comparison of Flood Control Facilities									
Estimated Cost of Revised 2019 OAMPU Facilities					Estimated Cost of Proposed MPA Facilities				
ID / MILE	Status	Facility Description	Length (ft.)	Total Cost	ID / MILE	Status	Facility Description	Length (ft.)	Total Cost
SRWE	SEARCHLIGHT WEST FACILITIES				SRWE	SEARCHLIGHT WEST FACILITIES			
0001	P	14' X 4' RCB	144	\$ 266,865.00	0001	P	16' X 5' RCB	725	\$ 1,612,771.00
0002	P	14' X 4' RCB	1,363	\$ 2,529,113.00	0002	P	16' X 5' RCB	248	\$ 549,515.00
0003	NA	NA	NA	NA	0003	P	8' X 5' RCB	750	\$ 1,201,727.00
0005	P	8' X 5' RCB	1,172	\$ 1,872,197.00	0005	P	8' X 5' RCB	1,150	\$ 1,839,874.46
0100	P	4: 8'X6' RCBC @ SR 164 (REPLACES SRWE0000)	50	\$ 177,797.00	0100	NA	NA	NA	\$ 0
Total Value:				\$ 4,845,972.00	Total Value:				\$ 5,203,887.00

Representatives from CH2M HILL Engineers, Inc. will be available to respond to any questions following the brief presentation.

Staff Recommendation:

Approve and recommend that the Board find the Master Plan Amendment sets forth the most effective structural and regulatory means for correcting existing problems of flooding in the area and dealing with the probable effects of future development (NRS 543.590[3]) (NRS 543.597). The Master Plan Amendment will not become effective until it is adopted by the Clark County.

Discussion by Technical Advisory Committee:

AGENDA
#22 Date: 05/27/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#22 Date: 05/27/2021

Recommendation:



Department of Public Works

500 S Grand Central Pky • Box 554000 • Las Vegas NV 89155-4000
(702) 455-6000 • Fax (702) 455-6040

Denis Cederburg, P.E., Director • E-Mail: dlc@ClarkCountyNV.gov

May 17, 2021

Mr. Steven C. Parrish, P.E., General Manager/Chief Engineer
Clark County Regional Flood Control District
600 South Grand Central Parkway, Suite 300
Las Vegas, Nevada 89106

AMENDMENT TO THE 2019 OUTLYING AREAS MASTER PLAN UPDATE SEARCHLIGHT WEST FACILITIES

Dear Mr. Parrish:

Clark County is respectfully requesting an Amendment to the 2019 Outlying Areas Master Plan Update (2019 OAMPU) to revise the alignment, sizes, and 100-year peak flow rates for Searchlight West facilities ID Mile SRWE 0001, 0002, 0005, 0023, and 0048; add Searchlight West facility ID Mile SRWE 0003; and remove Searchlight West facilities ID Mile SRWE 0000 and 0100 as shown in Exhibit "A" and Exhibit "A-1" attached.

The revised Searchlight West facility ID Mile SRWE 0001 and 0002 have been designed to convey the 100-year flow of 807 cfs, revised Searchlight West facility ID Mile SRWE 0003 and 0005 have been designed to convey the 100-year flow of 485 cfs. The flowrates for SRWE 0048 and 0023 has been revised with updated hydrology, however, the facility size remains the same as that reflected in the 2019 OAMPU.

Summaries of the Searchlight West OAMPU Facilities before and after the proposed changes to the Searchlight West facilities are presented in the tables below.

2019 OAMPU SEARCHLIGHT WEST FLOOD CONTROL FACILITIES BEFORE CHANGES

ID / MILE	STATUS	FACILITY DESCRIPTION	LENGTH (FT)	FLOW (CFS)	CHANNEL SLOPE (%)
SRWE 0000	E	36" CMPC @ SR 164 (REPLACE W/ SRWE 0100)	50	1,868	0.50
SRWE 0001	P	14' X 4' RCB	144	1,868	0.30
SRWE 0002	P	14' X 4' RCB	1,363	667	0.50
SRWE 0005	P	8' X 5' RCB	1,172	450	2.10
SRWE 0023	P	6' X 5' RCB	70	450	2.00
SRWE 0048	E	2: 48" RCP	150	361	1.00
SRWE 0100	P	4: 8'x6' RCBC @ SR 164 (REPLACES SRWE 0000)	50	1,868	0.50

BOARD OF COUNTY COMMISSIONERS
MARILYN KIRKPATRICK, Chair • JAMES B. GIBSON, Vice Chair
JUSTIN C. JONES • WILLIAM MCCURDY II • ROSS MILLER • MICHAEL NAFT • TICK SEGERBLOM
YOLANDA T. KING, County Manager

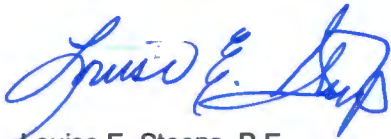
2019 OAMPU SEARCHLIGHT WEST FLOOD CONTROL FACILITIES AFTER CHANGES

ID / MILE	STATUS	FACILITY DESCRIPTION	LENGTH (FT)	FLOW (CFS)	CHANNEL SLOPE (%)
SRWE 0001	P	16' X 5' RCB	725	807	0.50
SRWE 0002	P	16' X 5' RCB	248	807	2.50
SRWE 0003	P	8' X 5' RCB	750	485	2.40
SRWE 0005	P	8' X 5' RCB	1,150	485	1.50
SRWE 0023	P	6' X 5' RCB	70	365	2.00
SRWE 0048	P	2: 48" RCP	150	234	1.00

The total estimated cost of the revised facilities is \$5,203,887.00. The costs of the current facilities, per the OAMPU, are estimated to be \$4,845,972.00.

If you should have any questions or require additional information, please contact me at (702) 455-6216 or louise.steeps@clarkcountynv.gov.

Sincerely,

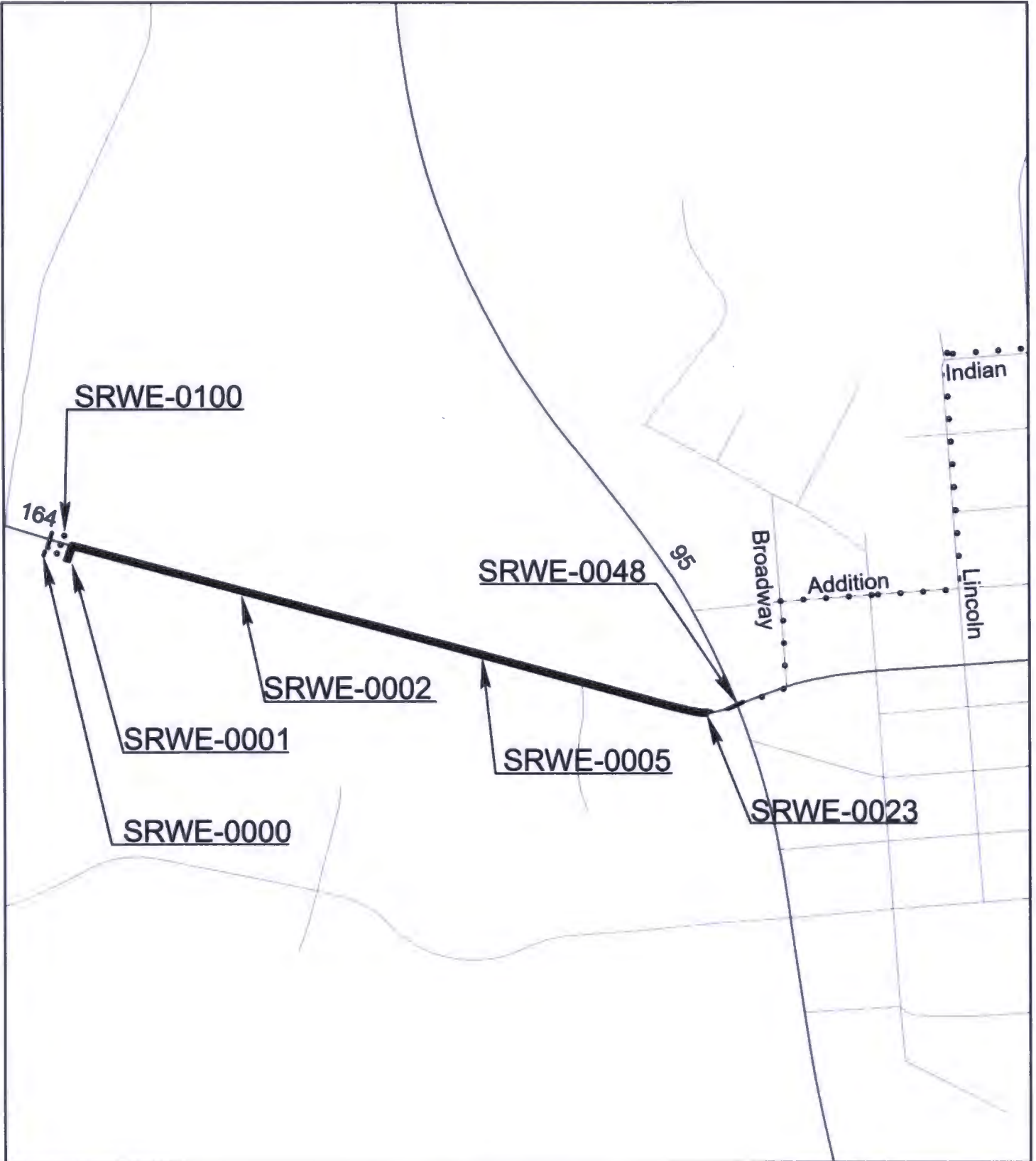


Louise E. Steeps, P.E.
Principal Civil Engineer

LES:ajb

Enclosures: Project Map – Exhibit "A"
Project Map – Exhibit "A-1"

cc: Denis Cederburg, Director of Public Works



Legend




-  Proposed
-  Existing
-  Future

Exhibit A



**2019 Outlying Areas Flood Control
Master Plan Update Facilities**

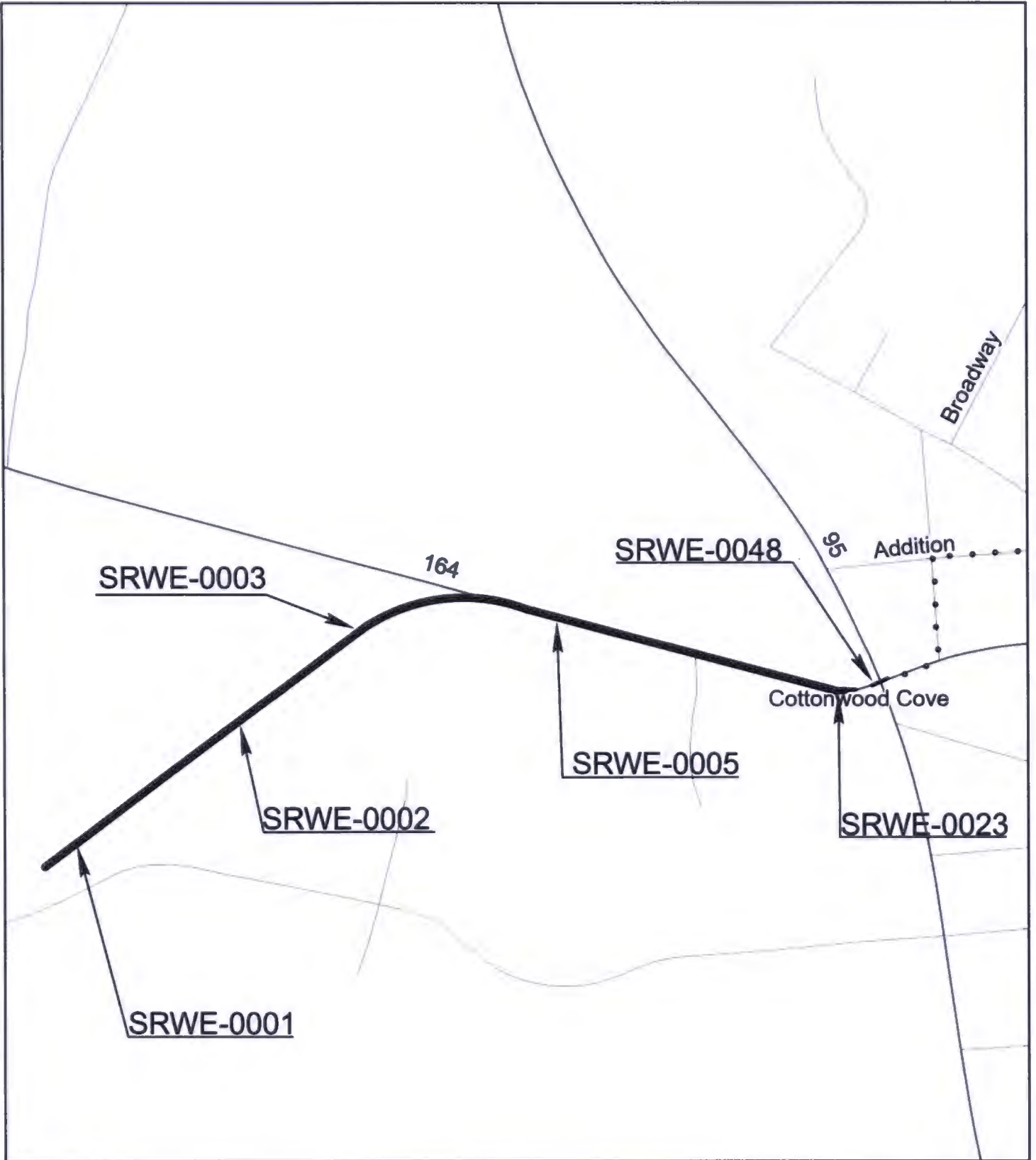
Searchlight West - State Highway 164

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 05-17-2021

SHEET NUMBER: 1 OF 1



Legend





-  Proposed
-  Existing
-  Future

Exhibit A-1



	Master Plan Amendment Revised Facilities	CLARK COUNTY PUBLIC WORKS
	Searchlight West - State Highway 164	SCALE: NOT TO SCALE
		DATE: 05-17-2021
		SHEET NUMBER: 1 OF 1

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

FLASH FLOOD AWARENESS MONTH

PETITIONER:

STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER

RECOMMENDATION OF PETITIONER:

THAT THE BOARD APPROVE A PROCLAMATION THAT JULY 2021 BE PROCLAIMED "FLASH FLOOD AWARENESS MONTH" AND ALL RESIDENTS AND VISITORS BE URGED TO MAKE THEMSELVES AWARE OF THE DANGERS OF FLASH FLOODING IN ORDER TO TAKE THE NECESSARY PRECAUTIONS IN PREVENTING THE LOSS OF LIFE AND PROPERTY (FOR POSSIBLE ACTION)

FISCAL IMPACT:

None.

BACKGROUND:

While flash flooding can occur in any month, rain during the months of July, August, and September have the greatest potential to produce flash floods in our area. Proclaiming July as Flash Flood Awareness Month will help heighten awareness of the potential for flash flooding in advance of flash flood season.

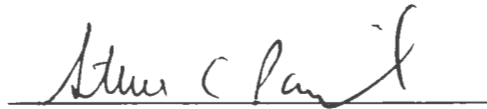
The District's Flash Flood Awareness public information effort is a year-round program with heightened emphasis during the summer flood-prone season. This year's campaign includes outdoor advertising (billboards), radio, television, interactive and print ads. Additionally, District staff make presentations about flash flood safety to school children and community groups throughout the year and use a variety of social media platforms to engage the public around this critical issue.

CAC AGENDA ITEM #23 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
--------------------------------------------	-------------------------------------------

The designation of July as Flash Flood Awareness Month provides an opportunity to disseminate important flood safety information to the public when it is most relevant. The flood safety message encourages all residents and visitors to become aware of the dangers of flash flooding and to take the necessary precautions to prevent the loss of life and property in a flood event. Staff is also planning press activities to heighten awareness of Flash Flood Awareness Month.

Included in your backup is a copy of a proclamation to be acted upon at the Board meeting.

Respectfully submitted,



Steven C. Parrish, P.E.
General Manager/Chief Engineer

CAC AGENDA	RFCD AGENDA
ITEM #23	ITEM #
Date: 05/27/2021	Date: 06/10/2021

REGIONAL FLOOD
CONTROL DISTRICT



Proclamation

WHEREAS, the Regional Flood Control District strives to improve the protection of life and property for existing residents, future residents, and visitors from the impacts of flooding in Clark County through a flood safety awareness campaign; and

WHEREAS, more than one-half of all flood-related deaths are the result of people attempting to drive through flooded areas; and

WHEREAS, currently 102 detention basins and 667 miles of channels and underground storm drains, of which 140 miles are natural or unlined washes, have been built to manage the flood risks in Southern Nevada; and

WHEREAS, another 39 detention basins and 218 miles of conveyance remain to be built; and

WHEREAS, each of these projects make another area of the community safer from floods; and

WHEREAS, it is critically important to educate the public about flood hazards, the potential for flash flooding, and how best to protect themselves in floods; and

WHEREAS, flash floods can occur in any month of the year, and summer rains in July through September have the greatest potential to create flash floods in Clark County.

NOW, THEREFORE, WE, the *Board of Directors of the Clark County Regional Flood Control District*, do hereby proclaim the month of July 2021, as:

“Flash Flood Awareness Month”

and urge all citizens to become aware of their environment and the dangers of floods.

**Clark County Regional Flood Control District
Board of Directors**

Mayor Debra March, Chair

Justin Jones, Vice-Chair

Stavros Anthony, Member

Isaac Barron, Member

George Gault, Member

Mayor Carolyn Goodman, Member

Mayor Kiernan McManus, Member

Tick Segerblom, Member

Attest:

Deanna Hughes, Board Secretary

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

OPTIONAL ONE YEAR EXTENSION TO THE INTERLOCAL AGREEMENT WITH THE CITY OF LAS VEGAS, KCLV-CHANNEL 2

PETITIONER:

STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER

RECOMMENDATION OF PETITIONER:

APPROVE THE OPTIONAL ONE YEAR EXTENSION TO THE INTERLOCAL AGREEMENT WITH KCLV-CHANNEL 2 FOR THE TERM OF JULY 1, 2021 THROUGH JUNE 30, 2022 AND AUTHORIZE FUNDING IN THE AMOUNT OF \$89,900 FOR VIDEOTAPING AND EDITING OF FOUR FLOOD CHANNEL TELEVISION SHOWS (FOR POSSIBLE ACTION)

FISCAL IMPACT: \$89,900 – Fiscal Year 2021-22

BACKGROUND:

On June 11, 2020, the District negotiated an Interlocal Agreement with the City of Las Vegas, KCLV-Channel 2, to provide videotaping and editing of The Flood Channel television program that airs on government access cable stations. Within that Interlocal Agreement, Section IV, Terms and Termination, paragraph A, states in part, “the District shall have the right and option to extend this Agreement one additional time for the term covered July 1, 2021 through June 30, 2022 if the option is exercised at any time prior to the expiration of this Agreement, the District Board of Directors approves sufficient funds in its Annual Budget and the District’s General Manager provides written notification.”

This extension will include 4 (four) new shows focusing on construction of flood control projects, flood safety and stormwater quality as well as monthly video for District use.

KCLV-TV2 will perform the following services for the District:

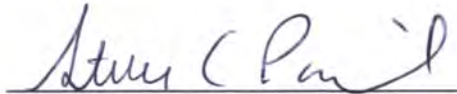
- video tape and edit nine (9) months of content and produce (4) four television shows
- store the District’s video tape library;

CAC AGENDA ITEM #24 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
--------------------------------------------	-------------------------------------------

- coordinate with the District for show production and direction, scheduling videographer and editing equipment; and
- provide supplemental services which may include videotaping of storm and/or special events.

The fiscal year budget approved on April 8, 2021 includes adequate appropriations to support this request. The term of this agreement is from July 1, 2021 through June 30, 2022 and the amount of the Interlocal Agreement remains at \$89,900. Attached is written notification to KCLV-Channel 2 approving the one-year extension. Staff recommends the Board approve this one year extension and authorize funding in the amount of \$89,900.

Respectfully submitted,



Steven C. Parrish, P.E.
General Manager/Chief Engineer

CAC AGENDA ITEM #24 Date: 05/27/2021	RFCD AGENDA ITEM # Date: 06/10/2021
--------------------------------------------	-------------------------------------------

052721 KCLV-item

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 05/17/2021

OPTIONAL ONE YEAR EXTENSION TO THE INTERLOCAL AGREEMENT WITH THE CITY OF LAS VEGAS, KCLV-CHANNEL 2

On June 11, 2020, the District negotiated an Interlocal Agreement with the City of Las Vegas, KCLV-Channel 2, to provide videotaping and editing of The Flood Channel television program that airs on government access cable stations. Within that Interlocal Agreement, Section IV, Terms and Termination, paragraph A, states in part, "the District shall have the right and option to extend this Agreement one additional time for the term covered July 1, 2021 through June 30, 2022 if the option is exercised at any time prior to the expiration of this Agreement, the District Board of Directors approves sufficient funds in its Annual Budget and the District's General Manager provides written notification."

This extension will include 4 (four) new shows focusing on construction of flood control projects, flood safety and stormwater quality as well as monthly video for District use.

KCLV-TV2 will perform the following services for the District:

- video tape and edit nine (9) months of content and produce (4) four television shows
- store the District's video tape library;
- coordinate with the District for show production and direction, scheduling videographer and editing equipment; and
- provide supplemental services which may include videotaping of storm and/or special events.

The fiscal year budget approved on April 8, 2021 includes adequate appropriations to support this request. The term of this agreement is from July 1, 2021 through June 30, 2022 and the amount of the Interlocal Agreement remains at \$89,900. Attached is written notification to KCLV-Channel 2 approving the one-year extension. Staff recommends the Board approve this one year extension and authorize funding in the amount of \$89,900.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
Date: 05/27/2021

The Technical Advisory Committee did not hear this item.

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#24 Date: 05/27/2021

Recommendation:

052721 KCLV-aid

REGIONAL FLOOD CONTROL DISTRICT



Steven C. Parrish, P.E.
General Manager/Chief
Engineer

June 10, 2021

BOARD OF DIRECTORS

Mayor Debra March
Chair
City of Henderson

**Commissioner
Justin Jones**
Vice-Chair
Clark County

Mayor Carolyn Goodman
City of Las Vegas

**Mayor Pro Tem
Isaac Barron**
City of North Las Vegas

**Councilman
George Gault**
City of Mesquite

Mayor Kiernan McManus
City of Boulder City

**Mayor Pro Tem
Stavros Anthony**
City of Las Vegas

**Commissioner
Tick Segerblom**
Clark County

**KCLV-Channel 2
City of Las Vegas
495 S. Main Street
Las Vegas, NV 89101**

**RE: Interlocal Agreement for Video Production Services
Optional One-Year Extension**

On June 11, 2020, the District Board approved the Interlocal Agreement with KCLV-Channel 2 for Video Production Services. Within that Interlocal Agreement, Section IV, Terms and Termination, paragraph A, states in part, “the District shall have the right and option to extend this Agreement one additional time for the term covered July 1, 2021 through June 30, 2022 if the option is exercised at any time prior to the expiration of this Agreement, the District Board of Directors approves sufficient funds in its Annual Budget and the District’s General Manager provides written notification.”

Please accept this letter as formal written notification of the District’s intent to extend the existing contract with KCLV for the optional one additional year for the period covered July 1, 2021 through June 30, 2022. The terms and conditions will continue to be those set forth in the interlocal agreement, including but not limited to the compensation and terms of payment, which will not exceed \$89,900. The District’s Board of Directors has approved sufficient funds in its Annual Budget to cover the \$89,900 cost for videotaping and editing of six flood channel television shows, per the attachment.

Thank you,

Steven C. Parrish, P.E.
General Manager and Chief Engineer

SCP:dmh

052721 KCLV Extension Letter

Attachment 1
The Flood Channel 2021-2022
Video and Show Schedule

Video Content
July 2021

Video Content
August 2021

TFC Show 119
September 2021

Video Content
October 2021

Video Content
November 2021

TFC Show 120
December 2021

Video Content
January 2022

Video Content
February 2022

TFC Show 121
March 2022

Video Content
April 2022

Video Content
May 2022

TFC Show 122
June 2022

25. **Comments By the General Public**

This is a period devoted to comments by the general public about matters relevant to the Regional Flood Control District Citizens Advisory Committee jurisdiction. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026, 029, 041 and 044 have extended certain mitigation measures related to Open Meeting Law as originally set forth in Emergency Directive 006.

In accordance with the Notice of Public Meeting, public comments may be submitted via email at the following address: publiccomment@regionalflood.org. Comments will be read into the record and will become part of the written record. No vote may be taken on a matter not listed on the posted agenda.