

REGIONAL FLOOD CONTROL DISTRICT



NOTICE OF PUBLIC MEETING

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CITIZENS ADVISORY COMMITTEE

AUGUST 2, 2021
3:00 P.M.

RFCD/RTC ADMINISTRATION BUILDING
FIRST FLOOR MEETING ROOM #108
600 SOUTH GRAND CENTRAL PARKWAY
LAS VEGAS, NEVADA 89106

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, BOARD SECRETARY
600 SOUTH GRAND CENTRAL PARKWAY, SUITE 300
LAS VEGAS, NEVADA 89106
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TT/TDD: Relay Nevada toll free (800) 326-6868

This meeting has been properly noticed and posted at the following locations:

The Notice has been posted on the State of Nevada Public Notice Website at https://notice.nv.gov/	The Notice, Agenda, and Agenda Full-Backup have been posted on the Clark County Regional Flood Control District's Website at www.regionalflood.org
Clark County Regional Flood Control District 600 South Grand Central Parkway Las Vegas, Nevada 89106	

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. If you wish to speak to the Regional Flood Control District Citizens Advisory Committee about items within its jurisdiction but not appearing on this agenda, you must wait until the “Comments By the General Public” period listed at the end of this agenda. Comments will be limited to three minutes. Please step up to the speaker’s podium, clearly state your name and address and please **spell** your last name for the record. If any member of the Regional Flood Control District Citizens Advisory Committee wishes to extend the length of a presentation, this will be done by the Chairman or the Regional Flood Control District Citizens Advisory Committee by majority vote.

REGIONAL FLOOD CONTROL DISTRICT



**AGENDA
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CITIZENS ADVISORY COMMITTEE
AUGUST 2, 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.

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. If you wish to speak to the Regional Flood Control District Citizens Advisory Committee about items within its jurisdiction but not appearing on this agenda, you must wait until the “Comments By the General Public” period listed at the end of this agenda. Comments will be limited to three minutes. Please step up to the speaker’s podium, clearly state your name and address and please **spell** your last name for the record. If any member of the Regional Flood Control District Citizens Advisory Committee wishes to extend the length of a presentation, this will be done by the Chairman or the Regional Flood Control District Citizens Advisory Committee by majority vote.

2. Action to approve the agenda with deletion of any items (*For possible action*)
3. Action to approve the minutes of the June 28, 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 approve and authorize the General Manager to sign amendment no. 1 to the interlocal agreement between the Southern Nevada Water Authority and the District to increase funding to fund the development of site-specific criteria for selenium in the Las Vegas Wash (*For possible action*)
7. Action to approve and authorize the Chair to sign the second amendment to the consultant contract with Atkins North America, Inc., to increase funding and extend the completion date to prepare an update to the Hydrologic Criteria and Drainage Design Manual (*For possible action*)

III. Design and Construction

8. Receive a report on the award of bid for construction for Hollywood System, Centennial Parkway to Speedway #2 Detention Basin – City of North Las Vegas
9. Action to approve the interlocal contracts for design for the following projects (*For possible action*):
 - a. Sunset Park – Duck Creek Wash to Eastern Avenue – Clark County
 - b. Flamingo, Cimarron Branch – Russell Road to Patrick Lane – Clark County

10. Comments By the General Public

A period devoted to comments by the general public about matters relevant to the Regional Flood Control District Citizens Advisory Committee jurisdiction will be held. No vote may be taken on a matter not listed on the posted agenda. Comments will be limited to three minutes. Please step up to the speaker's podium, clearly state your name and address and please **spell** your last name for the record. If any member of the Regional Flood Control District Citizens Advisory Committee wishes to extend the length of a presentation, this will be done by the Chairman or the Regional Flood Control District Citizens Advisory Committee by majority vote. All comments by speakers should be relevant to the Regional Flood Control District Citizens Advisory Committee action and jurisdiction.

NOTE: *The next scheduled Citizens Advisory Committee meeting is on Monday, August 30, 2021 at 3:00 p.m.*

MINUTES
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CITIZENS ADVISORY COMMITTEE
JUNE 28, 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** 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 Building, the 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 3:06 p.m., in Room 108, 600 South Grand Central Parkway, with the following members present:
- MEMBERS PRESENT:** Ron Newell, Chair, Clark County
Bill Starmer, Vice-Chair, City of Las Vegas
Norman Ashford, City of Mesquite
Harshal Desai, City of Henderson (Attended via conference line)
Jim Jordano, City of Henderson (Arrived at 3:10 p.m.)
Larry Karr, City of Boulder City
- MEMBERS ABSENT:** Karina Barragan, City of North Las Vegas
James Houts, City of Boulder City
Brian Wilson, City of Las Vegas
Bertha Gutierrez, Clark County
- STAFF:** Steven C. Parrish, General Manager/Chief Engineer
Andrew Trelease, Assistant General Manager
Christopher Figgins, RFCD Attorney
Todd Myers, Engineering Director
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
Debra Yamachika, Senior Civil Engineer
Michael Todd, Systems Administrator
Jessica Butte, Fiscal Services Administrator
Tammy McMahan, Office Services Manager
Jacqueline Ramirez, Senior Office Specialist

I. Call to Order

Mr. Ron Newell, Chair, Clark County, called the meeting to order at 3:06 p.m., in Room 108 of the RFCF/RTC Administration Building.

1. Comments By the General Public

There was no response to the call for Comments By the General Public.

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

Staff recommends approval of the agenda.

Mr. Starmer moved to follow staff recommendation.

5 AYES – 0 NAYS

Motion Carried

3. Action to approve the minutes of the May 27, 2021 meeting (*For possible action*)

Staff recommends approval of the minutes.

Mr. Ashford moved to follow staff recommendation.

5 AYES – 0 NAYS

Motion Carried

II. Administration

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

Mr. Parrish reported that Nevada sales tax receipts for April 2021 had not yet been made available. However, he noted that the monthly receipts for March 2021 had been one of the highest reported amounts for the District.

Staff recommends acceptance of the financial reports.

Mr. Ashford moved to follow staff recommendation.

5 AYES – 0 NAYS

Motion Carried

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

Staff recommends approval.

Mr. Starmer moved to follow staff recommendation.

**5 AYES – 0 NAYS
Motion Carried**

*****Mr. Jim Jordano arrived at the meeting at 3:10 p.m.**

6. Action to accept the final accounting reports and close out the interlocal contracts for the following projects (*For possible action*):

- Muddy River West Levee, Moapa Valley (design) – MOA01B89
- Range Wash – Ann Branch (design) – NLV03F17

Mr. Parrish stated that construction had been completed for each project, and the interlocal contracts would be closed. He noted the close out would return \$1,050,417.61 to the fund. Mr. Karr inquired whether residual project funds were cash on hand or a budget item. Mr. Parrish informed him that residual project funds were cash on hand. He further explained that revenues are deposited into a construction fund and utilized to pay for the design and construction of projects. Mr. Parrish added that monies remaining after a project closeout become available for other design or construction projects.

Staff recommends approval.

Mr. Starmer moved to follow staff recommendation.

**6 AYES – 0 NAYS
Motion Carried**

7. Receive the quarterly project status reports, reporting period: February 2021 through April 2021

Mr. Parrish informed the Committee that the quarterly report was featured in the agenda item back up. He further stated that the report concerned projects with open and active interlocal contracts.

No Action Required

8. Action to ratify an agreement between the Nevada Division of Environmental Protection and the District to fund field reconnaissance of tributaries to the Las Vegas Wash (*For possible action*)

Mr. Parrish stated that the District had received an \$18,000 grant from the Nevada Division of Environmental Protection (NDEP) to study tributaries leading into the Las Vegas Wash to determine if aquatic life can be supported. He added that the study constituted a step towards removing the area from the Federal Clean Water Act Section 303(d) list of impaired waters.

Staff recommends approval.

Mr. Ashford moved to follow staff recommendation.

**6 AYES – 0 NAYS
Motion Carried**

III. Design and Construction

9. Receive a report on the award of bid for construction for Beltway Detention Basin, Collection and Outfall – City of North Las Vegas

Mr. Parrish shared that seven bids were received on August 19, 2020, by the City of North Las Vegas. He noted that the recommended best bid went to Fisher Sand and Gravel, in the amount of \$11,489,489, which was 16% lower than the engineer's estimate presented to the District's Board of Directors in May 2019. Mr. Starmer inquired about the significant differences regarding the received bid amounts. Mr. Parrish stated that the primary factor giving rise to the differences involved excavation costs, whereby one vendor's rates were significantly higher than the others. Mr. Karr inquired whether bids were typically awarded to the lowest dollar bidder or if a contractor's ability to deliver or perform on the job was considered. Mr. Parrish stated that the subject contracts were considered to be "lowest-bidder" contracts and, therefore, the lowest responsible bidder would win the contract. Mr. Parrish went on to say that other types of delivery systems were based upon qualifications, but in this case, the lowest responsible bidder was awarded the contract. Mr. Karr asked if data was available to determine a contractor's historical performance. Mr. Parrish explained that the District contracts directly with entity members, and each entity is responsible for managing its bid process and making agreements with vendors.

No Action Required

10. Action to approve the third supplemental interlocal contract for design to increase funding and include a line item for entity design labor and a Conditional Letter of Map Revision/Letter of Map Revision for Flamingo Wash, UPRR to Hotel Rio Drive – Clark County (*For possible action*)

Mr. Parrish stated that Clark County decided to hire a design consultant instead of utilizing in-house resources, as originally planned, due to staff shortages and related factors. Also, he pointed out that a Conditional Letter of Map Revision/Letter of Map Revision line item had been added to the contract. Mr. Parrish informed the Committee that the supplemental fiscal impact would be \$460,000. Mr. Jordano inquired whether the consultant had been selected. Mr. Parrish responded that, to his knowledge, a consultant had not yet been selected.

Staff recommends approval.

Mr. Jordano moved to follow staff recommendation.

6 AYES – 0 NAYS
Motion Carried

IV. Discussion Items

11. Discussion and possible action on future Citizens Advisory Committee meeting logistics (*For possible action*)

Mr. Parrish explained that Nevada's pandemic-related Emergency Directives issued by the state's Governor had relaxed the Nevada Revised Statutes Open Meeting Law requirements such that the District could hold virtual Citizens Advisory Committee (CAC) meetings. He informed the CAC that the Emergency Directives had been rescinded, and the Nevada Legislature had passed Assembly Bill 253 (AB253), which authorized the continued staging of virtual meetings for public bodies that were not comprised of elected officials as members. Mr. Parrish set forth that the new law provided an opportunity for the CAC to meet virtually instead of meeting in person but added that virtual meetings presented various logistical challenges. Mr. Starmer inquired about the possibility of a hybrid (in person/virtual) meeting. Mr. Parrish responded that Room 108 was not equipped with the technology to accommodate a hybrid meeting. Mr. Karr stated that he would prefer hybrid meetings, particularly for a shorter meeting, if the option became available. Mr. Jordano shared that he was not in favor of hybrid meetings, having had less than desirable experiences with them. In response, Mr. Parrish mentioned that the District had not found a virtual platform conducive to

conducting a public meeting. Mr. Starmer commented that he liked the personal interactions of in-person meetings. Mr. Desai preferred the flexibility of virtual meetings. Mr. Parrish acknowledged that the virtual meetings had resulted in higher participation rates. Mr. Trelease remarked that in-person meetings tended to offer opportunities for more engagement and interaction among the committee members and staff.

Mr. Newell moved to continue in-person CAC meetings until a time when hybrid meetings become feasible.

**6 AYES – 0 NAYS
Motion Carried**

12. Comments By the General Public

There was no response to the call for Comments By the General Public.

Mr. Parrish announced that the District would be holding a press conference to address flash flood safety on July 1, 2021, at the Pittman North Detention Basin in Henderson, Nevada. He added that Chair Mayor Debra March and Vice-Chair Justin Jones were scheduled to speak.

Lastly, Mr. Parrish reminded the Committee that the District would have a photographer present at the next meeting on August 2, 2021, to take each Committee member's photograph for the District's Annual Report.

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ADJOURNMENT

The meeting adjourned at 3:38 p.m.

Respectfully submitted,



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

Ronald Newell,
Chair

Attest _____, 2021

Deanna Hughes
Board Secretary

/jr

10. **Comments By the General Public**

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CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:
FINANCIAL REPORTS – JUNE 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 June 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
	Appropriation Balance Report – FY 2021-22	3
	Sales Tax Revenue Reports – FY 2020-21	4
	Sales Tax Revenue Reports – FY 2020-21	6
	Monthly Expenditure Summary Report	7
B - Fund 2870	Fund Balance Report	8
	Maintenance Work Program Monthly Expenditures	9-11
	Maintenance Work Program Status Report – FY 2021	12-13
	Maintenance Work Program Status Report – FY 2021	14-15
C - Fund 3300	Fund Balance Report	16
D - Fund 4430	Fund Balance Report	17
	Monthly Expenditure Report	18-19

TAC AGENDA ITEM #04 DATE: 07/29/2021	RFCD AGENDA ITEM # DATE: 08/12/2021
CAC AGENDA ITEM #04 DATE: 08/02/2021	

E - Summary	Pay-As-You-Go Funded – Current Project Expense Summary	20-44
	Bond Funded – Current Project Expense Summary	45-50
	Capital Improvement Program – Open Projects Summary	51
	Pay-As-You-Go Funding – Cumulative Reporting	52-64
	Bond Funding – Cumulative Reporting	65-69
	FY 2020-21 Projects Funded Summary	70-72
	FY 2021-22 Projects Funded Summary	73-74
	Estimated Funding Schedule	75

Respectfully submitted,


 Jeanine Pitts-Dilworth
 Administrative Services Director

TAC AGENDA ITEM #04 DATE: 07/29/2021	RFCD AGENDA ITEM # DATE: 08/12/2021
CAC AGENDA ITEM #04 DATE: 08/02/2021	

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

BEGINNING CASH BALANCE:		\$ 17,636,183.94	
Accruals/Adjustments		<u>(2,419.99)</u>	
	TOTAL BEGINNING BALANCE		\$ 17,633,763.95
REVENUES:			
Sales Tax Revenue (April 2021)		11,065,963.15	
Interest Earnings		-	
Fund 4430 - Transfer In Interest Earnings		-	
Build America Bonds Rebate		-	
Sale of Materials		-	
Miscellaneous Other Revenue		15,000.00	
Petty Cash Reimbursements		-	
Miscellaneous Accruals/Adjustments		<u>141,329.12</u>	
	TOTAL REVENUES		\$ 11,222,292.27
EXPENDITURES:			
Salaries & Benefits		(280,127.95)	
Services & Supplies		(129,635.84)	
Professional Services		(157,649.00)	
Capital Expenditures		-	
Fund 2870 - Transfer Out Maintenance Work Program		(700,000.00)	
Fund 3300 - Transfer Out Debt Service		(3,981,148.99)	
Fund 4430 - Transfer Out Budgeted Transfers		(4,300,000.00)	
Accruals/Adjustments			
Accounts Payable		-	
Miscellaneous Accruals/Adjustments		<u>135,832.78</u>	
	TOTAL EXPENSES		\$ <u>(9,412,729.00)</u>
ENDING CASH BALANCE:			\$ <u>19,443,327.22</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	\$ 92,466,445.19	N/A	\$ 12,114,554.81	12%
Other Sources	1,406,250.00	855,514.04	N/A	550,735.96	39%
TOTAL	\$ 105,987,250.00	\$ 93,321,959.23	N/A	\$ 12,665,290.77	12%

EXPENDITURES/TRANSFERS

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	AVAILABLE	% AVAILABLE
Expenditures	\$ 9,787,885.00	\$ 6,531,701.29	\$ 958,599.77	\$ 2,297,583.94	23%
Transfers Out					
Debt Service	52,368,684.00	46,692,591.22	-	5,676,092.78	11%
MWP	10,000,000.00	7,000,000.00	-	3,000,000.00	30%
CIP (1)	33,000,000.00	31,000,000.00	-	2,000,000.00	6%
TOTAL	\$ 105,156,569.00	\$ 91,224,292.51	\$ 958,599.77	\$ 12,973,676.72	12%

Notes:

(1) Includes Local Drainage program.

REGIONAL FLOOD CONTROL DISTRICT
 FUND 2860 - OPERATING FUND
 APPROPRIATION BALANCE REPORT
 FISCAL YEAR 2021-22

REVENUES/FINANCING SOURCES

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	UNREALIZED	% UNREALIZED
Revenues	\$ 114,204,000.00	\$ -	N/A	\$ 114,204,000.00	100%
Other Sources	1,400,000.00	-	N/A	1,400,000.00	100%
TOTAL	\$ 115,604,000.00	\$ -	N/A	\$ 115,604,000.00	100%

EXPENDITURES/TRANSFERS

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	AVAILABLE	% AVAILABLE
Expenditures	\$ 10,513,416.00	\$ 111,897.53	\$ 691,057.68	\$ 9,710,460.79	92%
Transfers Out					
Debt Service	47,795,440.00	3,981,148.68	-	43,814,291.32	92%
MWP	11,000,000.00	-	-	11,000,000.00	100%
CIP (1)	60,000,000.00	-	-	60,000,000.00	100%
TOTAL	\$ 129,308,856.00	\$ 4,093,046.21	\$ 691,057.68	\$ 124,524,752.11	96%

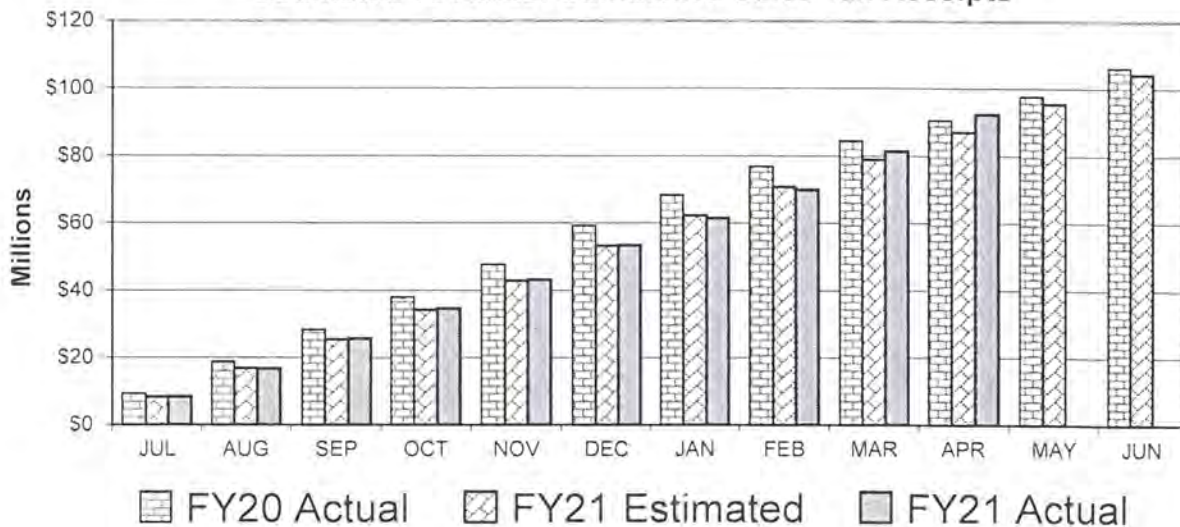
Notes:

(1) Includes Local Drainage program.

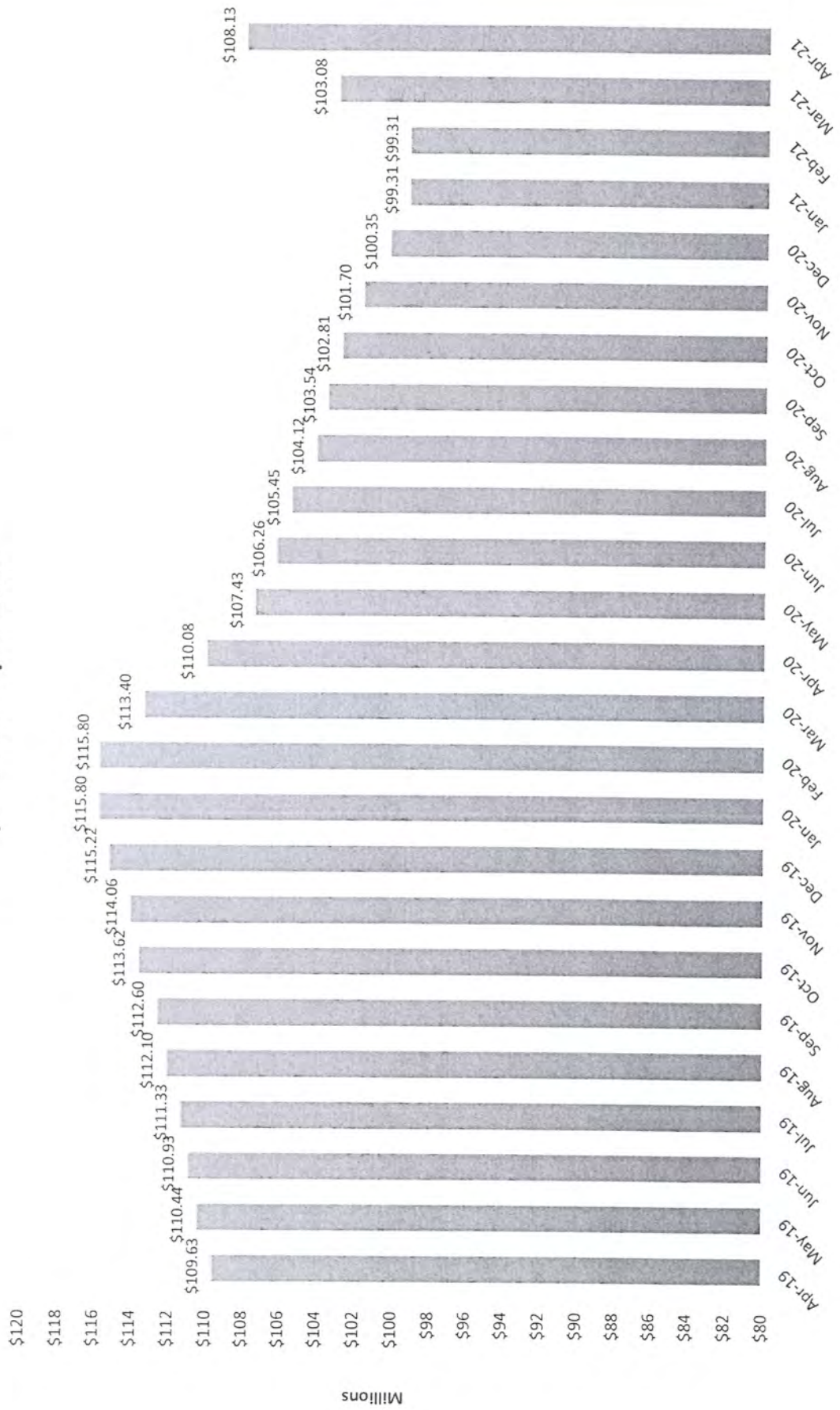
SALES TAX REVENUE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 FISCAL YEAR 2020-21
 MODIFIED ACCRUAL BASIS

MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE <small>(as approved April 9, 2020)</small>	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	11,447,047.85	3,388,055.43	42.0%
APRIL	8,222,297.66	11,065,963.15	2,843,665.49	34.6%
MAY	8,444,030.21	-		
JUNE	8,796,626.66	-		
TOTAL:	\$ 104,351,000.00	\$ 92,410,755.30	\$ 5,300,412.17	6.08%

Estimated vs Actual Cumulative Sales Tax Receipts



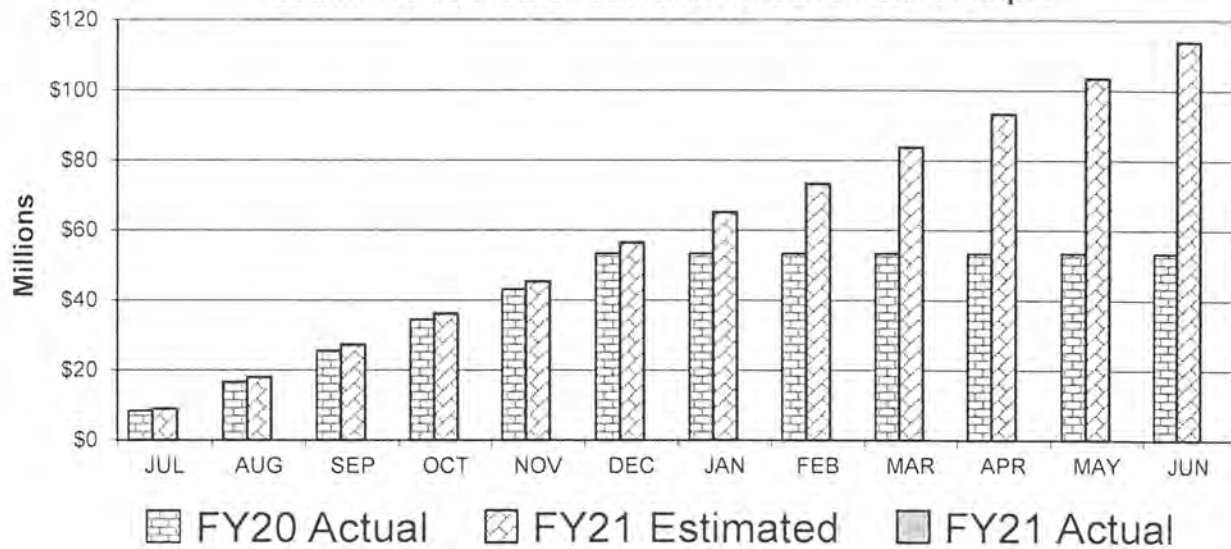
Rolling 12-Month Total Sales Tax Revenue April 2019 - April 2021



SALES TAX REVENUE REPORT
 REGIONAL FLOOD CONTROL DISTRICT
 FISCAL YEAR 2021-2022
 MODIFIED ACCRUAL BASIS

MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE <small>(as approved April 8, 2021)</small>	ACTUAL SALES TAX REVENUES	DIFFERENCE OVER/(UNDER) ESTIMATE	PERCENT +/- FROM ESTIMATE
JULY	\$ 8,916,324.03	\$ -		
AUGUST	\$ 9,062,012.81	-		
SEPTEMBER	\$ 9,216,909.75	-		
OCTOBER	\$ 8,991,368.25	-		
NOVEMBER	\$ 9,129,388.54	-		
DECEMBER	\$ 11,164,518.09	-		
JANUARY	\$ 8,666,059.27	-		
FEBRUARY	\$ 8,107,277.23	-		
MARCH	\$ 10,455,336.39	-		
APRIL	\$ 9,613,032.89	-		
MAY	\$ 10,156,426.81	-		
JUNE	\$ 10,421,345.94	-		
TOTAL:	\$ 113,900,000.00	\$ -	\$ -	

Estimated vs Actual Cumulative Sales Tax Receipts



Schedule of Monthly Expenditures - Summary
Fund 2860 - Operating Fund
6/1/2021 to 6/30/2021

<u>Fiscal Year</u>	<u>Account #</u>	<u>Account Name</u>	<u>Amount</u>
2021	61*/62*	Salaries and Benefits	280,127.95
	630000	Other Professional Services	143,145.00
	635000	Pro Svcs-Legal	14,504.00
	640310	R & M-Facilities	11,826.12
	640320	R & M-Equipment	1,669.01
	640321	R & M-Telephone	56,824.00
	640340	R & M-Vehicles	1,722.49
	641000	Other Rental Expense	434.91
	644610	Information System Services	13,708.53
	645000	Other Insurance	4,132.73
	646100	Telephone-Local	927.26
	646110	Telephone-Long Distance	13.38
	646120	Cell Phones/Beepers	903.70
	648100	Printing/Reproduction	7,004.16
	663000	Operating Supplies	79.90
	663400	Office Supplies	144.88
	663421	LVA-IT Hardware-Modified Accrual	2,688.54
	663500	Wearing Apparel	47.85
	670100	Electricity	1,754.09
	670500	Disposal	95.61
	679220	Software Licenses	25,000.00
	679300	Dues	99.00
	679600	Postage	559.68
		Fiscal Year Total	\$567,412.79
		Grand Total	\$567,412.79

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

BEGINNING CASH BALANCE:	\$ 5,190,178.77	
Accruals/Adjustments	<u>-</u>	
TOTAL BEGINNING CASH BALANCE:		\$ 5,190,178.77
REVENUES:		
Interest Income	-	
Fund 2860 - Transfer In Maintenance Work Program	700,000.00	
Miscellaneous Other Revenue/Adjustments	<u>-</u>	
TOTAL MONTHLY REVENUES		\$ 700,000.00
EXPENDITURES:		
Services & Supplies	(812,907.91)	
Maintenance Work Program Expenditures	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	-	
Contract Retention Payable	12,898.96	
Contract Retention Interest Payable	-	
Accounts Payable	<u>-</u>	
TOTAL MONTHLY EXPENSES		\$ <u>(800,008.95)</u>
ENDING CASH BALANCE:		\$ <u><u>5,090,169.82</u></u>

**Regional Flood Control District
 Monthly Expenditures
 Maintenance Work Program
 6/1/2021 to 6/30/2021**

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.HN66	10935198	05/21/2021	none	06/17/2021	\$90.78
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	18682001	03/03/2021	4500323471	06/29/2021	\$827.20
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	186831012	04/09/2021	4500323471	06/29/2021	(\$1,951.71)
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	19013001	06/09/2021	4500323471	06/29/2021	\$409.05
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	19013201	06/09/2021	4500323471	06/29/2021	\$277.75
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN70	18945601	05/19/2021	4500323471	06/29/2021	\$629.25
CITY OF HENDERSON	RF.HN65	MSC- 5035445	06/09/2021	4500323703	06/14/2021	\$1,041.53
CITY OF HENDERSON	RF.HN65	MSC5034928	03/16/2021	4500323703	06/10/2021	\$7,077.85
CITY OF HENDERSON	RF.HN65	MSC5035285	05/12/2021	4500323703	06/10/2021	\$6,529.32
CITY OF HENDERSON	RF.HN66	MSC5034928	03/16/2021	4500323703	06/10/2021	\$903.74
CITY OF HENDERSON	RF.HN66	MSC5035285	05/12/2021	4500323703	06/10/2021	\$1,402.23
CITY OF HENDERSON	RF.HN67	MSC5034928	03/16/2021	4500323703	06/10/2021	\$794.18
CITY OF HENDERSON	RF.HN67	MSC5035285	05/12/2021	4500323703	06/10/2021	\$613.49
CITY OF HENDERSON	RF.HN68	MSC5034928	03/16/2021	4500323703	06/10/2021	\$589.59
CITY OF HENDERSON	RF.HN68	MSC5035285	05/12/2021	4500323703	06/10/2021	\$726.77
CITY OF HENDERSON	RF.HN69	MSC5034927	03/16/2021	4500323703	06/10/2021	\$332.66
CITY OF HENDERSON	RF.HN69	MSC5034928	03/16/2021	4500323703	06/10/2021	\$2,234.37
CITY OF HENDERSON	RF.HN69	MSC5035155	04/22/2021	4500323703	06/29/2021	\$2,574.00
CITY OF HENDERSON	RF.HN69	MSC5035285	05/12/2021	4500323703	06/10/2021	\$1,354.78
CITY OF HENDERSON	RF.HN70	MSC5034928	03/16/2021	4500323703	06/10/2021	\$672.76
CITY OF HENDERSON	RF.HN70	MSC5035155	04/22/2021	4500323703	06/29/2021	\$79.00
CITY OF HENDERSON	RF.HN70	MSC5035285	05/12/2021	4500323703	06/10/2021	\$893.11
CITY OF HENDERSON	RF.HN71	MSC5034928	03/16/2021	4500323703	06/10/2021	\$378.37
CITY OF HENDERSON	RF.HN71	MSC5035285	05/12/2021	4500323703	06/10/2021	\$477.28
CITY OF HENDERSON	RF.HN72	MSC5034928	03/16/2021	4500323703	06/10/2021	\$340.10
CITY OF HENDERSON	RF.HN72	MSC5035285	05/12/2021	4500323703	06/10/2021	\$726.77
CITY OF HENDERSON	RF.HN73	MSC5034928	03/16/2021	4500323703	06/10/2021	\$423.27
CITY OF HENDERSON	RF.HN73	MSC5035285	05/12/2021	4500323703	06/10/2021	\$643.60
CITY OF LAS VEGAS	RF.LV51	355772	06/09/2021	4500323472	06/21/2021	\$271.12
CITY OF LAS VEGAS	RF.LV52	355772	06/09/2021	4500323472	06/21/2021	\$135,657.13
CITY OF LAS VEGAS	RF.LV52	355772	06/09/2021	4500323472	06/21/2021	\$16,060.18
CITY OF LAS VEGAS	RF.LV53	355772	06/09/2021	4500323472	06/21/2021	\$4,060.00
CITY OF LAS VEGAS	RF.LV53	355772	06/09/2021	4500323472	06/21/2021	\$1,342.12

**Regional Flood Control District
 Monthly Expenditures
 Maintenance Work Program
 6/1/2021 to 6/30/2021**

<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 LAS VEGAS	RF.LV54	355772	06/09/2021	4500323472	06/21/2021	\$201.12
CITY OF LAS VEGAS	RF.LV54	355772	06/09/2021	4500323472	06/21/2021	\$5,442.42
CITY OF LAS VEGAS	RF.LV55	355772	06/09/2021	4500323472	06/21/2021	\$271.10
CITY OF LAS VEGAS	RF.LV56	355772	06/09/2021	4500323472	06/21/2021	\$271.10
CITY OF LAS VEGAS	RF.LV57	355772	06/09/2021	4500323472	06/21/2021	\$16,467.38
CITY OF NORTH LAS VEGAS	RF.NL01	353529	06/14/2021	4500323706	06/21/2021	\$72.34
CITY OF NORTH LAS VEGAS	RF.NL01	353529	06/14/2021	4500323706	06/21/2021	\$3,355.89
CITY OF NORTH LAS VEGAS	RF.NL02	353529	06/14/2021	4500323706	06/21/2021	\$72.34
CITY OF NORTH LAS VEGAS	RF.NL02	353529	06/14/2021	4500323706	06/21/2021	\$6,494.72
CITY OF NORTH LAS VEGAS	RF.NL02	353529	06/14/2021	4500323706	06/21/2021	\$2,966.84
CITY OF NORTH LAS VEGAS	RF.NL02	353529	06/14/2021	4500323706	06/21/2021	\$4,936.64
CITY OF NORTH LAS VEGAS	RF.NL03	353529	06/14/2021	4500323706	06/21/2021	\$72.34
CITY OF NORTH LAS VEGAS	RF.NL03	353529	06/14/2021	4500323706	06/21/2021	\$1,799.92
CITY OF NORTH LAS VEGAS	RF.NL03	353529	06/14/2021	4500323706	06/21/2021	\$4,367.07
CITY OF NORTH LAS VEGAS	RF.NL04	353529	06/14/2021	4500323706	06/21/2021	\$72.34
CITY OF NORTH LAS VEGAS	RF.NL04	353529	06/14/2021	4500323706	06/21/2021	\$23,238.61
CITY OF NORTH LAS VEGAS	RF.NL05	353529	06/14/2021	4500323706	06/21/2021	\$72.34
CITY OF NORTH LAS VEGAS	RF.NL05	353529	06/14/2021	4500323706	06/21/2021	\$732.60
CITY OF NORTH LAS VEGAS	RF.NL06	353529	06/14/2021	4500323706	06/21/2021	\$72.34
CITY OF NORTH LAS VEGAS	RF.NL06	353529	06/14/2021	4500323706	06/21/2021	\$808.60
CITY OF NORTH LAS VEGAS	RF.NL07	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL07	353529	06/14/2021	4500323706	06/21/2021	\$1,197.02
CITY OF NORTH LAS VEGAS	RF.NL08	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL08	353529	06/14/2021	4500323706	06/21/2021	\$808.60
CITY OF NORTH LAS VEGAS	RF.NL10	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL11	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL11	353529	06/14/2021	4500323706	06/21/2021	\$1,036.60
CITY OF NORTH LAS VEGAS	RF.NL12	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL13	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL13	353529	06/14/2021	4500323706	06/21/2021	\$2,944.96
CITY OF NORTH LAS VEGAS	RF.NL13	353529	06/14/2021	4500323706	06/21/2021	\$2,076.75
CITY OF NORTH LAS VEGAS	RF.NL13	353529	06/14/2021	4500323706	06/21/2021	\$323.44
CITY OF NORTH LAS VEGAS	RF.NL14	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL14	353529	06/14/2021	4500323706	06/21/2021	\$144.43
CITY OF NORTH LAS VEGAS	RF.NL15	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL16	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL16	353529	06/14/2021	4500323706	06/21/2021	\$12,473.28

7/19/2021 - MWP Expenditures

**Regional Flood Control District
 Monthly Expenditures
 Maintenance Work Program
 6/1/2021 to 6/30/2021**

<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.NL16	353529	06/14/2021	4500323706	06/21/2021	\$6,836.83
CITY OF NORTH LAS VEGAS	RF.NL16	353529	06/14/2021	4500323706	06/21/2021	\$6,154.82
CITY OF NORTH LAS VEGAS	RF.NL16	353529	06/14/2021	4500323706	06/21/2021	\$475.44
CITY OF NORTH LAS VEGAS	RF.NL17	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL18	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL19	353529	06/14/2021	4500323706	06/21/2021	\$72.33
CITY OF NORTH LAS VEGAS	RF.NL19	353529	06/14/2021	4500323706	06/21/2021	\$1,382.24
CITY OF NORTH LAS VEGAS	RF.NL19	353529	06/14/2021	4500323706	06/21/2021	\$3,502.97
CITY OF NORTH LAS VEGAS	RF.NL19	353529	06/14/2021	4500323706	06/21/2021	\$570.88
LOGISTICAL SOLUTIONS LLC	RF.HN70	14125	05/04/2021	4500325575	06/03/2021	\$6,105.00
PUBLIC WORKS/CC TREAS	RF.CC01	4021000138	06/30/2021	none	06/30/2021	\$9,332.00
PUBLIC WORKS/CC TREAS	RF.CC01	4021000144	06/30/2021	none	06/30/2021	\$5,395.00
PUBLIC WORKS/CC TREAS	RF.CC01	4021000144	06/30/2021	none	06/30/2021	\$81,825.00
PUBLIC WORKS/CC TREAS	RF.CC02	4021000139	06/30/2021	none	06/30/2021	\$1,043.00
PUBLIC WORKS/CC TREAS	RF.CC02	4021000145	06/30/2021	none	06/30/2021	\$26,550.00
PUBLIC WORKS/CC TREAS	RF.CC03	4021000140	06/30/2021	none	06/30/2021	\$8,080.00
PUBLIC WORKS/CC TREAS	RF.CC05	4021000141	06/30/2021	none	06/30/2021	\$6,316.00
PUBLIC WORKS/CC TREAS	RF.CC05	4021000146	06/30/2021	none	06/30/2021	\$650.00
PUBLIC WORKS/CC TREAS	RF.CC05	4021000146	06/30/2021	none	06/30/2021	\$4,050.00
PUBLIC WORKS/CC TREAS	RF.CC06	4021000142	06/30/2021	none	06/30/2021	\$5,970.00
PUBLIC WORKS/CC TREAS	RF.CC06	4021000147	06/30/2021	none	06/30/2021	\$5,070.00
PUBLIC WORKS/CC TREAS	RF.CC06	4021000147	06/30/2021	none	06/30/2021	\$31,395.00
PUBLIC WORKS/CC TREAS	RF.CC07	4021000148	06/30/2021	none	06/30/2021	\$13,390.00
PUBLIC WORKS/CC TREAS	RF.CC07	4021000148	06/30/2021	none	06/30/2021	\$4,355.00
PUBLIC WORKS/CC TREAS	RF.CC08	4021000149	06/30/2021	none	06/30/2021	\$780.00
PUBLIC WORKS/CC TREAS	RF.CC09	4021000143	06/30/2021	none	06/30/2021	\$2,556.00
PUBLIC WORKS/CC TREAS	RF.CC10	4021000150	06/30/2021	none	06/30/2021	\$8,450.00
PUBLIC WORKS/CC TREAS	RF.CC10	4021000150	06/30/2021	none	06/30/2021	\$7,735.00
PUBLIC WORKS/CC TREAS	RF.CC16	4021000151	06/30/2021	none	06/30/2021	\$3,900.00
PUBLIC WORKS/CC TREAS	RF.CC19	4021000152	06/30/2021	none	06/30/2021	\$6,825.00
RAFAEL CONSTRUCTION INC	RF.HN65	23570#1	05/31/2021	4500330261	06/16/2021	\$257,979.20
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN69	1210500462	05/17/2021	4500323476	06/16/2021	\$4,458.40
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN72	1210500462	05/17/2021	4500323476	06/16/2021	\$9,632.40
Total Expenditures						<u>\$812,907.91</u>
Grand Total						<u><u>\$812,907.91</u></u>

**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	\$84,470.94	\$100,529.06
RF.BC02	Georgia/Buchanan Watershed	\$59,850.00	\$23,159.65	\$36,690.35
RF.BC03	North Railroad Watershed	\$180,150.00	\$138,065.90	\$42,084.10
RF.BC04	West Airport Watershed	\$26,000.00	\$9,479.25	\$16,520.75
		\$451,000.00	\$255,175.74	\$195,824.26

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	\$1,148,791.30	(\$64,291.30)
RF.CC02	Las Vegas Wash	\$305,500.00	\$322,491.29	(\$16,991.29)
RF.CC03	Duck Creek	\$320,500.00	\$284,930.68	\$35,569.32
RF.CC05	Las Vegas Range Wash	\$321,000.00	\$131,311.76	\$189,688.24
RF.CC06	Tropicana Wash	\$304,500.00	\$275,431.78	\$29,068.22
RF.CC07	Airport Channel	\$105,000.00	\$119,618.12	(\$14,618.12)
RF.CC08	Monson Channel	\$51,500.00	\$21,356.92	\$30,143.08
RF.CC09	Rawhide Channel	\$78,500.00	\$63,996.59	\$14,503.41
RF.CC10	Van Buskirk Channel	\$153,200.00	\$155,014.23	(\$1,814.23)
RF.CC11	Flamingo Wash North Fork	\$43,800.00	\$19,861.25	\$23,938.75
RF.CC14	Laughlin Washes	\$38,900.00	\$28,339.66	\$10,560.34
RF.CC15	Moapa Valley	\$42,000.00	\$24,269.45	\$17,730.55
RF.CC16	Blue Diamond Wash	\$145,000.00	\$128,945.99	\$16,054.01
RF.CC17	Searchlight	\$3,500.00	\$507.64	\$2,992.36
RF.CC18	Bunkerville	\$21,000.00	\$16,919.34	\$4,080.66
RF.CC19	Pittman Wash	\$40,000.00	\$37,623.93	\$2,376.07
RF.CC20	Indian Springs/Gdsprings	\$47,100.00	\$38,569.63	\$8,530.37
RF.CC21	Northern Beltway Channels	\$21,000.00	\$7,001.32	\$13,998.68
		\$3,126,500.00	\$2,824,980.88	\$301,519.12

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	\$1,602,370.77	\$20,779.22
RF.HN66	C1 South	\$912,621.21	\$119,028.91	\$793,592.30
RF.HN67	Pittman Central NE	\$31,203.02	\$37,566.86	(\$6,363.84)
RF.HN68	Pittman Central SE	\$120,926.40	\$131,012.31	(\$10,085.91)
RF.HN69	Pittman Central NW	\$750,909.62	\$784,179.91	(\$33,270.29)
RF.HN70	Pittman Central SW	\$26,760.82	\$39,220.80	(\$12,459.98)
RF.HN71	Pittman Anthem Inspirada	\$77,740.46	\$21,672.58	\$56,067.88
RF.HN72	Pittman Seven Hills	\$93,794.46	\$132,141.14	(\$38,346.68)
RF.HN73	Pittman West Henderson	\$14,725.02	\$15,713.80	(\$988.78)
		\$3,651,831.00	\$2,882,907.08	\$768,923.92

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	\$2,150.21	\$17,849.79
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$770,000.00	\$286,962.01	\$483,037.99
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	\$133,000.00	\$121,210.94	\$11,789.06

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	\$1,240,533.62	\$424,466.38
RF.LV55	Meadows/Oakey System	\$58,000.00	\$36,088.81	\$21,911.19
RF.LV56	Washington Ave/LV Creek	\$74,000.00	\$29,674.97	\$44,325.03
RF.LV57	US95/Outer Beltway/Ann Road System	\$480,000.00	\$476,251.20	\$3,748.80
		<u>\$3,200,000.00</u>	<u>\$2,192,871.76</u>	<u>\$1,007,128.24</u>

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
		<u>\$489,800.00</u>	<u>\$34,258.22</u>	<u>\$455,541.78</u>

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	\$19,376.03	\$18,652.25	\$723.78
RF.NL02	Las Vegas Wash-Middle	\$499,197.39	\$497,757.14	\$1,440.25
RF.NL03	LV Wash-King Charles Channel	\$22,202.33	\$21,016.13	\$1,186.20
RF.NL04	Vandenberg Detention Basin	\$87,980.66	\$86,108.63	\$1,872.03
RF.NL05	North Las Vegas Detention Basin	\$64,561.29	\$39,443.18	\$25,118.11
RF.NL06	Upper LVW DB & Moccasin Levee	\$15,362.91	\$29,335.40	(\$13,972.49)
RF.NL07	Carey/Lake Mead Detention Basin	\$406,838.04	\$406,837.97	\$0.07
RF.NL08	Gowan Outfall Channel	\$21,396.59	\$21,396.59	\$0.00
RF.NL10	Upper Las Vegas Wash	\$42,667.94	\$42,667.64	\$0.30
RF.NL11	Clayton Street Channel	\$24,461.46	\$22,045.89	\$2,415.57
RF.NL12	Lower Las Vegas Detention Basin	\$81,450.54	\$80,224.85	\$1,225.69
RF.NL13	West Trib-Ranch House to Lower LV DB	\$144,602.93	\$142,525.26	\$2,077.67
RF.NL14	Trib to Western Trib @ Craig Rd	\$30,244.20	\$21,984.06	\$8,260.14
RF.NL15	Las Vegas Wash-Smoke Ranch	\$38,966.15	\$37,340.41	\$1,625.74
RF.NL16	Upper Las Vegas Wash Channel	\$60,620.52	\$57,016.43	\$3,604.09
RF.NL17	Range Wash-LVW Diversion & Levee	\$53,901.87	\$50,194.85	\$3,707.02
RF.NL18	Cheyenne Peaking Basin	\$178,457.11	\$177,105.90	\$1,351.21
RF.NL19	LVW-Middle, Cheyenne Ave to Owens Ave	\$538,712.04	\$524,426.80	\$14,285.24
		<u>\$2,331,000.00</u>	<u>\$2,276,079.38</u>	<u>\$54,920.62</u>
	Program Total	<u><u>\$13,250,131.00</u></u>	<u><u>\$10,466,273.06</u></u>	<u><u>\$2,783,857.94</u></u>

**Regional Flood Control District
Maintenance Work Program Status Report - Fiscal Year 2022**

Boulder City

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.BC01	Hemenway Watershed	\$292,500.00	\$0.00	\$292,500.00
RF.BC02	Georgia/Buchanan Watershed	\$105,500.00	\$0.00	\$105,500.00
RF.BC03	North Railroad Watershed	\$92,500.00	\$0.00	\$92,500.00
RF.BC04	West Airport Watershed	\$73,000.00	\$0.00	\$73,000.00
		\$563,500.00	\$0.00	\$563,500.00

Clark County

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.CC01	Flamingo Wash	\$1,200,000.00	\$0.00	\$1,200,000.00
RF.CC02	Las Vegas Wash	\$290,000.00	\$0.00	\$290,000.00
RF.CC03	Duck Creek	\$427,500.00	\$0.00	\$427,500.00
RF.CC05	Las Vegas Range Wash	\$362,000.00	\$0.00	\$362,000.00
RF.CC06	Tropicana Wash	\$335,000.00	\$0.00	\$335,000.00
RF.CC07	Airport Channel	\$97,000.00	\$0.00	\$97,000.00
RF.CC08	Monson Channel	\$60,500.00	\$0.00	\$60,500.00
RF.CC09	Rawhide Channel	\$148,500.00	\$0.00	\$148,500.00
RF.CC10	Van Buskirk Channel	\$156,500.00	\$0.00	\$156,500.00
RF.CC11	Flamingo Wash North Fork	\$26,000.00	\$0.00	\$26,000.00
RF.CC14	Laughlin Washes	\$39,500.00	\$0.00	\$39,500.00
RF.CC15	Moapa Valley	\$41,000.00	\$0.00	\$41,000.00
RF.CC16	Blue Diamond Wash	\$158,000.00	\$0.00	\$158,000.00
RF.CC17	Searchlight	\$4,000.00	\$0.00	\$4,000.00
RF.CC18	Bunkerville	\$6,000.00	\$0.00	\$6,000.00
RF.CC19	Pittman Wash	\$22,500.00	\$0.00	\$22,500.00
RF.CC20	Indian Springs/Gdsprings	\$9,000.00	\$0.00	\$9,000.00
RF.CC21	Northern Beltway Channels	\$27,500.00	\$0.00	\$27,500.00
		\$3,410,500.00	\$0.00	\$3,410,500.00

Henderson

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN65	C1 North	\$465,600.00	\$0.00	\$465,600.00
RF.HN66	C1 South	\$280,600.00	\$0.00	\$280,600.00
RF.HN67	Pittman Central NE	\$160,200.00	\$0.00	\$160,200.00
RF.HN68	Pittman Central SE	\$135,600.00	\$0.00	\$135,600.00
RF.HN69	Pittman Central NW	\$426,100.00	\$0.00	\$426,100.00
RF.HN70	Pittman Central SW	\$99,100.00	\$0.00	\$99,100.00
RF.HN71	Pittman Anthem Inspirada	\$204,000.00	\$0.00	\$204,000.00
RF.HN72	Pittman Seven Hills	\$1,098,600.00	\$0.00	\$1,098,600.00
RF.HN73	Pittman West Henderson	\$52,100.00	\$0.00	\$52,100.00
		\$2,921,900.00	\$0.00	\$2,921,900.00

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	\$100,000.00	\$0.00	\$100,000.00
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$800,000.00	\$0.00	\$800,000.00
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	\$100,000.00	\$0.00	\$100,000.00

7/19/2021 - MWP Status Report

Regional Flood Control District

Maintenance Work Program Status Report - Fiscal Year 2022

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV54	Las Vegas Wash System	\$700,000.00	\$0.00	\$700,000.00
RF.LV55	Meadows/Oakey System	\$115,000.00	\$0.00	\$115,000.00
RF.LV56	Washington Ave/LV Creek	\$385,000.00	\$0.00	\$385,000.00
RF.LV57	US95/Outer Beltway/Ann Road System	\$1,000,000.00	\$0.00	\$1,000,000.00
		\$3,200,000.00	\$0.00	\$3,200,000.00

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	\$0.00	\$19,000.00
RF.ME02	Abbott Wash Channel	\$14,300.00	\$0.00	\$14,300.00
RF.ME04	Town Wash Detention Basin	\$337,400.00	\$0.00	\$337,400.00
RF.ME07	Pulsipher Wash	\$29,400.00	\$0.00	\$29,400.00
RF.ME08	Abbott Wash Detention Basin	\$60,000.00	\$0.00	\$60,000.00
RF.ME09	Pulsipher Wash Detention Basin	\$29,700.00	\$0.00	\$29,700.00
		\$489,800.00	\$0.00	\$489,800.00

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	\$80,075.00	\$0.00	\$80,075.00
RF.NL02	Las Vegas Wash-Middle	\$177,571.00	\$0.00	\$177,571.00
RF.NL03	LV Wash-King Charles Channel	\$70,071.00	\$0.00	\$70,071.00
RF.NL04	Vandenberg Detention Basin	\$601,071.00	\$0.00	\$601,071.00
RF.NL05	North Las Vegas Detention Basin	\$179,500.00	\$0.00	\$179,500.00
RF.NL06	Upper LVW DB & Moccasin Levee	\$152,500.00	\$0.00	\$152,500.00
RF.NL07	Carey/Lake Mead Detention Basin	\$106,571.00	\$0.00	\$106,571.00
RF.NL08	Gowan Outfall Channel	\$74,071.00	\$0.00	\$74,071.00
RF.NL10	Upper Las Vegas Wash	\$23,000.00	\$0.00	\$23,000.00
RF.NL11	Clayton Street Channel	\$56,071.00	\$0.00	\$56,071.00
RF.NL12	Lower Las Vegas Detention Basin	\$96,571.00	\$0.00	\$96,571.00
RF.NL13	West Trib-Ranch House to Lower LV DB	\$64,571.00	\$0.00	\$64,571.00
RF.NL14	Trib to Western Trib @ Craig Rd	\$66,571.00	\$0.00	\$66,571.00
RF.NL15	Las Vegas Wash-Smoke Ranch	\$53,071.00	\$0.00	\$53,071.00
RF.NL16	Upper Las Vegas Wash Channel	\$99,571.00	\$0.00	\$99,571.00
RF.NL17	Range Wash-LVW Diversion & Levee	\$165,500.00	\$0.00	\$165,500.00
RF.NL18	Cheyenne Peaking Basin	\$88,071.00	\$0.00	\$88,071.00
RF.NL19	LVW-Middle, Cheyenne Ave to Owens Ave	\$176,573.00	\$0.00	\$176,573.00
		\$2,331,000.00	\$0.00	\$2,331,000.00

Program Total **\$12,916,700.00** **\$0.00** **\$12,916,700.00**

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

BEGINNING CASH BALANCE	\$ 21,325,042.89	
Accruals/Adjustments	<u>-</u>	
TOTAL BEGINNING CASH BALANCE		\$ 21,325,042.89
REVENUES:		
Interest Income	-	
Fund 2860 - Transfer In Debt Service	3,981,148.99	
Bonds Issued	-	
Premium on Bonds Issued	-	
Miscellaneous Other Revenue	-	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	<u>6,640,984.65</u>	
TOTAL MONTHLY REVENUES		\$ 10,622,133.64
EXPENDITURES:		
Professional Services	-	
Debt Service Payments*	-	
Payments to Escrow Agent	(6,640,984.65)	
Transfers Out to Other Funds	-	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	<u>-</u>	
TOTAL MONTHLY EXPENSES		<u>\$ (6,640,984.65)</u>
ENDING CASH BALANCE:		<u>\$ 25,306,191.88</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
 JUNE 2021

BEGINNING CASH BALANCE:

Cash in Custody of Treasurer	\$ 128,780,238.44	
Custodial Account Cash Balance	165,885,315.72	
Accruals/Adjustments	-	
	<hr/>	
TOTAL BEGINNING CASH BALANCE		\$ 294,665,554.16

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	20,000,000.00	
Interest Earnings	-	
Custodial Account Interest Earnings	-	
Proceeds from Bonds and Loans	-	
Miscellaneous Other Revenue	5,140.62	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	-	
	<hr/>	
TOTAL MONTHLY REVENUES		\$ 24,305,140.62

EXPENDITURES:

Capital Improvement Program	(3,591,853.54)	
Professional Services	-	
Project Reimbursements	-	
Fund 2860 - Transfer Out Interest Earnings	-	
Fund 2860 - Transfer Out ILA Closeout/Reductions	-	
Custodial Account - Transfer Out to Treasurer/ Adjustments	(20,000,000.00)	
Accruals/Adjustments	-	
Contracts Retention Payable	-	
Contracts Retention Interest Payable	-	
Accounts Payable	-	
Miscellaneous Accruals/Adjustments	-	
	<hr/>	
TOTAL MONTHLY EXPENDITURES		\$ (23,591,853.54)

ENDING CASH BALANCE:

Cash in Custody of Treasurer	149,493,525.52
Custodial Account Cash Balance	145,885,315.72
	<hr/>

ENDING CASH BALANCE:	<u>\$ 295,378,841.24</u>
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**Regional Flood Control District
 Monthly Expenditures
 Capital Improvement Program
 6/1/2021 to 6/30/2021**

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	1950625	05/26/2021	4800009926 00020	06/03/2021	\$14,033.40
CITY OF LAS VEGAS	RF.LAS05L20	355766	06/09/2021	4800009970 00010	06/21/2021	\$92,970.21
CITY OF LAS VEGAS	RF.LAS05L20	355766	06/09/2021	4800009970 00040	06/21/2021	\$5,277.67
CITY OF LAS VEGAS	RF.LAS19E20	355763	06/09/2021	4800009971 00040	06/21/2021	\$1,937.52
CITY OF LAS VEGAS	RF.LAS22U19	355771	06/09/2021	4800009466 00010	06/21/2021	\$13,110.57
CITY OF LAS VEGAS	RF.LAS25C20	355762	06/09/2021	4800010086 00010	06/21/2021	\$26,678.70
CITY OF LAS VEGAS	RF.LAS25C20	355762	06/09/2021	4800010086 00040	06/21/2021	\$914.27
CITY OF LAS VEGAS	RF.LAS29B15	355767	06/09/2021	4800007391 00010	06/18/2021	\$378.45
CITY OF LAS VEGAS	RF.LAS29D17	355769	06/09/2021	4800008455 00010	06/18/2021	\$41,680.00
CITY OF LAS VEGAS	RF.LAS29D17	355769	06/09/2021	4800008455 00040	06/18/2021	\$1,331.84
CITY OF LAS VEGAS	RF.LAS29E18	355770	06/09/2021	4800009097 00010	06/21/2021	\$1,403.36
CITY OF LAS VEGAS	RF.LAS29F20	355768	06/09/2021	4800009931 00030	06/21/2021	\$6,708.59
CITY OF LAS VEGAS	RF.LAS31A17	355765	06/09/2021	4800008684 00020	06/21/2021	\$4,393.58
CITY OF LAS VEGAS	RF.LAS31B18	355764	05/10/2021	4800009126 00010	06/15/2021	\$52,543.60
CITY OF LAS VEGAS	RF.LAS31B18	355764	05/10/2021	4800009126 00020	06/15/2021	\$938,647.30
CITY OF NORTH LAS VEGAS	RF.NLV03G17	11025	05/12/2021	4800008160 00010	06/03/2021	\$3,894.47
CITY OF NORTH LAS VEGAS	RF.NLV04K17	11028	05/12/2021	4800008195 00010	06/03/2021	\$23,752.10
CITY OF NORTH LAS VEGAS	RF.NLV09E11	11020	05/12/2021	4800004139 00030	06/03/2021	\$7,052.80
CITY OF NORTH LAS VEGAS	RF.NLV09I13	11022	05/12/2021	4800006141 00010	06/03/2021	\$22,797.00
CITY OF NORTH LAS VEGAS	RF.NLV09I13	11022	05/12/2021	4800006141 00040	06/03/2021	\$122.26
CITY OF NORTH LAS VEGAS	RF.NLV10L19	11030	05/12/2021	4800009554 00010	06/03/2021	\$29,207.50
CITY OF NORTH LAS VEGAS	RF.NLV10M21	11026	05/12/2021	4800010302 00030	06/03/2021	\$1,302.12
CITY OF NORTH LAS VEGAS	RF.NLV19A19	11029	05/12/2021	4500311504 00020	06/03/2021	\$116.00
CITY OF NORTH LAS VEGAS	RF.NLV03J19	11024	05/12/2021	4800009412 00020	06/03/2021	\$16,241.00
CITY OF NORTH LAS VEGAS	RF.NLV03J19	11024	05/12/2021	4800009412 00030	06/03/2021	\$8,232.21
CITY OF NORTH LAS VEGAS	RF.NLV03K19	11027	05/12/2021	4800009490 00020	06/03/2021	\$761.42
CITY OF NORTH LAS VEGAS	RF.NLV09J19	11023	05/12/2021	4800009411 00010	06/03/2021	\$585,587.22
CITY OF NORTH LAS VEGAS	RF.NLV09J19	11023	05/12/2021	4800009411 00020	06/03/2021	\$64,476.32
CITY OF NORTH LAS VEGAS	RF.NLV09J19	11023	05/12/2021	4800009411 00030	06/03/2021	\$4,505.89
CITY OF NORTH LAS VEGAS	RF.NLV09K19	11021	05/12/2021	4800009476 00010	06/03/2021	\$102,305.50
CITY OF NORTH LAS VEGAS	RF.NLV09K19	11021	05/12/2021	4800009476 00020	06/03/2021	\$1,417,508.66
CITY OF NORTH LAS VEGAS	RF.NLV09K19	11021	05/12/2021	4800009476 00030	06/03/2021	\$962.98
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1521118732	06/01/2021	none	06/01/2021	\$844.76
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1521118733	06/01/2021	none	06/01/2021	\$1,064.30

**Regional Flood Control District
 Monthly Expenditures
 Capital Improvement Program
 6/1/2021 to 6/30/2021**

<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>
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1521119388	06/03/2021	none	06/03/2021	\$29,031.25
PUBLIC WORKS/CC TREAS	RF.CLA10I19	1521127123	06/23/2021	none	06/23/2021	\$10,332.24
PUBLIC WORKS/CC TREAS	RF.CLA16O19	1521127122	06/23/2021	none	06/23/2021	\$8,626.59
PUBLIC WORKS/CC TREAS	RF.CLA38D20	1521124526	06/16/2021	none	06/16/2021	\$22,686.00
PUBLIC WORKS/CC TREAS	RF.CLA38E20	1521118734	06/01/2021	none	06/01/2021	\$9,081.18
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1521127119	06/23/2021	none	06/23/2021	\$17,602.71
PUBLIC WORKS/CC TREAS	RF.LAU04B17	1521118956	06/02/2021	none	06/02/2021	\$250.00
VTN NEVADA	RF.HEN16A01	7520#86	06/10/2021	4800006059 00050	06/18/2021	\$1,500.00
Fiscal Year Total						\$3,591,853.54
Fund Total						\$3,591,853.54

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	\$171,683.96	\$328,316.04
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	\$171,683.96	\$363,316.04

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	\$1,254,141.09	\$48,858.91
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	\$1,320,741.32	\$129,258.68

CLA10F10

Flamingo Wash, UPRR to Hotel Rio Drive
Interlocal Amount \$506,000.00

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$60,500.00	\$6,574.40	\$53,925.60
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$372,000.00	\$18,553.85	\$353,446.15
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	\$10,000.00	\$0.00	\$10,000.00
Other	\$60,000.00	\$0.00	\$60,000.00
Total	\$506,000.00	\$27,746.42	\$478,253.58

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	\$874,481.77	\$765,158.23
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
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	\$895,761.99	\$814,238.01

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	\$197,442.77	\$56,357.23
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	\$220,213.66	\$148,586.34

CLA10J21

Wagon Trail Chnl-Sunset Rd to Teco Ave

Interlocal Amount \$2,800,008.00

Original Funding Date 06/10/2021

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	\$0.00	\$0.00	\$0.00
Construction	\$2,500,008.00	\$0.00	\$2,500,008.00
Const Engineering	\$250,000.00	\$0.00	\$250,000.00
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	\$2,800,008.00	\$0.00	\$2,800,008.00

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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

CLA16O19

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	\$339,678.63	\$197,621.37
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	\$374,040.53	\$275,959.47

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

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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

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	\$1,002,144.69	\$380,725.31
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	\$2,367,869.38	\$2,065,000.62

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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

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	\$2,994,999.02	\$405,000.98
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	\$3,051,193.56	\$696,806.44

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	\$23,610.96	\$3,305,253.04
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	\$23,610.96	\$3,627,158.04

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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

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 \$1,753,000.00

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	\$1,700,000.00	\$119,769.34	\$1,580,230.66
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	\$1,753,000.00	\$124,371.82	\$1,628,628.18

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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

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

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

ENTITY: Clark County Outlying

BUN01D11

Windmill Wash DB Exp & Jess Waite Levee Facilities
Interlocal Amount \$1,180,000.00

Original Funding Date 02/10/2011
Expiration Date 06/30/2026

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	\$956,000.00	\$620,666.12	\$335,333.88
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	\$1,180,000.00	\$836,988.34	\$343,011.66

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

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	\$409,081.66	\$282,418.34
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	\$538,467.19	\$290,032.81

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

MOA01B89

Muddy River West Levee, Moapa Valley

Interlocal Amount \$12,906,432.82

Original Funding Date 05/11/1989

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$10,810,530.39	\$10,810,530.39	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,854,906.53	\$1,854,906.53	\$0.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$132,405.90	\$132,405.90	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$108,590.00	\$108,590.00	\$0.00
Total	\$12,906,432.82	\$12,906,432.82	\$0.00

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

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	\$422,979.26	\$310,520.74
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	\$422,979.26	\$317,520.74

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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

ENTITY: Henderson

HEN07F18

Whitney Ranch Channel Replacement Project

Interlocal Amount \$934,549.00

Original Funding Date 08/09/2018

Expiration Date 06/30/2023

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	\$557,875.10	\$116,874.90
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	\$778,741.98	\$155,807.02

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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	\$241,280.91	\$202,162.09
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	\$37,166.23	\$76,492.77
Other	\$15,652.00	\$0.00	\$15,652.00
Total	\$605,788.00	\$290,517.87	\$315,270.13

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	\$1,632,023.14	\$28,596.08
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	\$84,766.32	\$8,500.68
Total	\$2,264,514.00	\$2,227,417.24	\$37,096.76

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

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

HEN22B21

Anthem Pkwy Chnl-Horizon Ridge to Siena Heights
Interlocal Amount \$124,303.00

Original Funding Date 06/10/2021
Expiration Date 12/31/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$14,303.00	\$0.00	\$14,303.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$60,000.00	\$0.00	\$60,000.00
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	\$30,000.00	\$0.00	\$30,000.00
Other	\$10,000.00	\$0.00	\$10,000.00
Total	\$124,303.00	\$0.00	\$124,303.00

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	\$1,254,488.78	\$92,298.22
Const Engineering	\$107,743.00	\$9,587.79	\$98,155.21
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	\$1,264,076.57	\$190,453.43

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	\$294,449.15	\$418,858.85
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	\$37,169.88	\$62,830.12
Other	\$0.00	\$0.00	\$0.00
Total	\$817,308.00	\$331,619.03	\$485,688.97

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	\$4,090.16	\$95,909.84
Other	\$0.00	\$0.00	\$0.00
Total	\$854,000.00	\$4,090.16	\$849,909.84

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	\$188,933.57	\$907,066.43
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	\$188,933.57	\$911,066.43

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	\$45,074.94	\$1,446,115.06
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	\$180,000.00	\$3,171.22	\$176,828.78
Other	\$0.00	\$0.00	\$0.00
Total	\$1,675,190.00	\$48,246.16	\$1,626,943.84

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	\$1,551,456.94	\$121,546.06
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	\$1,551,456.94	\$174,546.06

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	\$488,394.50	\$712,279.50
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	\$3,789.29	\$321,210.71
Other	\$0.00	\$0.00	\$0.00
Total	\$1,529,674.00	\$492,183.79	\$1,037,490.21

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	\$25,995,049.27	\$2,834,483.73
Const Engineering	\$1,834,606.00	\$691,710.73	\$1,142,895.27
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	\$26,686,760.00	\$3,977,379.00

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	\$39,211.39	\$1,247,801.61
Other	\$0.00	\$0.00	\$0.00
Total	\$44,039,173.00	\$39,324.75	\$43,999,848.25

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	\$26,840.85	\$33,159.15
Other	\$0.00	\$0.00	\$0.00
Total	\$120,000.00	\$84,501.88	\$35,498.12

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	\$13,197,763.65	\$3,791,236.35
Const Engineering	\$1,007,057.00	\$364,226.45	\$642,830.55
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	\$13,561,990.10	\$4,434,066.90

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

ENTITY: Mesquite

MES01E17

**Town Wash-Mesa Boulevard, El Dorado to Town Wash
Interlocal Amount \$612,341.75**

**Original Funding Date 09/14/2017
Expiration Date 06/30/2023**

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	\$493,768.00	\$400,100.00	\$93,668.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$85,973.75	\$68,868.75	\$17,105.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$612,341.75	\$468,968.75	\$143,373.00

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	\$543,150.28	\$342,909.72
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	\$750,428.28	\$683,474.72

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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

NLV03F17

Range Wash - Ann Branch

Interlocal Amount \$626,038.57

Original Funding Date 03/09/2017

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$18,117.60	\$18,117.60	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$607,920.97	\$607,920.97	\$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	\$0.00	\$0.00	\$0.00
Total	\$626,038.57	\$626,038.57	\$0.00

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	\$985,148.38	\$84,576.62
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	\$1,015,573.67	\$571,276.33

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

NLV03118

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

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	\$1,456,176.41	\$464,979.59
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	\$1,456,176.41	\$474,979.59

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	\$1,167,933.36	\$52,066.64
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	\$1,469,051.83	\$65,718.17

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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	\$1,034,329.25	\$44,670.75
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	\$28,271.82	\$36,728.18
Other	\$0.00	\$0.00	\$0.00
Total	\$1,554,000.00	\$1,431,577.68	\$122,422.32

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	\$204,600.78	\$471,688.22
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	\$209,150.78	\$489,138.22

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	\$1,302.12	\$88,697.88
Other	\$0.00	\$0.00	\$0.00
Total	\$1,070,020.00	\$1,302.12	\$1,068,717.88

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	\$5,222.94	\$14,777.06
Other	\$0.00	\$0.00	\$0.00
Total	\$115,000.00	\$10,577.27	\$104,422.73

Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$45,345,636.48	\$40,038,597.32	\$5,307,039.16
Pre-Design	\$351,604.23	\$335,958.56	\$15,645.67
Design	\$49,897,335.72	\$32,622,021.51	\$17,275,314.21
Construction	\$171,003,979.87	\$109,556,370.48	\$61,447,609.39
Const Engineering	\$10,073,190.83	\$4,768,853.40	\$5,304,337.43
Environmental	\$2,409,980.75	\$1,701,232.28	\$708,748.47
Entity Costs	\$3,500,989.00	\$384,610.21	\$3,116,378.79
Other	\$10,857,031.96	\$10,198,438.33	\$658,593.63
Total	\$293,439,748.84	\$199,606,082.09	\$93,833,666.75
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

LWV-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	\$1,743,541.36	\$321,458.64
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	\$1,920,382.17	\$329,617.83

Current Project Expense Summary

BOND FUNDED PROJECTS

MOA03B21

Fairgrounds DB and Outfall

Interlocal Amount \$13,796,500.00

Original Funding Date 06/10/2021

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	\$0.00	\$0.00	\$0.00
Construction	\$12,315,000.00	\$0.00	\$12,315,000.00
Const Engineering	\$1,231,500.00	\$0.00	\$1,231,500.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$250,000.00	\$0.00	\$250,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$13,796,500.00	\$0.00	\$13,796,500.00

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

Current Project Expense Summary

BOND FUNDED PROJECTS

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	\$1,213,002.49	\$108,848.51
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$140,000.00	\$134,821.47	\$5,178.53
Other	\$0.00	\$0.00	\$0.00
Total	\$19,921,851.00	\$17,087,278.69	\$2,834,572.31

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	\$44,241.19	\$534,493.81
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	\$6,391,520.19	\$1,305,724.81

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

Current Project Expense Summary

BOND 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

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	\$858,587.22	\$14,534,338.78
Const Engineering	\$1,060,000.00	\$125,795.16	\$934,204.84
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$325,363.00	\$17,486.81	\$307,876.19
Other	\$0.00	\$0.00	\$0.00
Total	\$16,778,289.00	\$1,001,869.19	\$15,776,419.81

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	\$20,944,832.35	\$3,059,167.65
Const Engineering	\$1,620,000.00	\$841,084.53	\$778,915.47
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$375,000.00	\$39,208.74	\$335,791.26
Other	\$0.00	\$0.00	\$0.00
Total	\$25,999,000.00	\$21,825,125.62	\$4,173,874.38

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	\$237,757,625.80	\$120,318,821.53	\$117,438,804.27
Const Engineering	\$19,117,112.20	\$9,241,169.38	\$9,875,942.82
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$2,103,363.00	\$191,517.02	\$1,911,845.98
Other	\$2,658,000.00	\$1,424,351.88	\$1,233,648.12
Total	\$261,636,101.00	\$131,175,859.81	\$130,460,241.19
Construction Projects = 12 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	\$45,345,636.48	\$40,038,597.32	\$5,307,039.16
Pre-Design	\$351,604.23	\$335,958.56	\$15,645.67
Design	\$49,897,335.72	\$32,622,021.51	\$17,275,314.21
Construction	\$408,761,605.67	\$229,875,192.01	\$178,886,413.66
Const Engineering	\$29,190,303.03	\$14,010,022.78	\$15,180,280.25
Environmental	\$2,409,980.75	\$1,701,232.28	\$708,748.47
Entity Costs	\$5,604,352.00	\$576,127.23	\$5,028,224.77
Other	\$13,515,031.96	\$11,622,790.21	\$1,892,241.75
Total	\$555,075,849.84	\$330,781,941.90	\$224,293,907.94
Construction Projects = 29 Design / Other Projects = 52			

Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$45,345,636.48	\$40,038,597.32	\$5,307,039.16
Pre-Design	\$351,604.23	\$335,958.56	\$15,645.67
Design	\$49,897,335.72	\$32,622,021.51	\$17,275,314.21
Construction	\$171,003,979.87	\$109,556,370.48	\$61,447,609.39
Const Engineering	\$10,073,190.83	\$4,768,853.40	\$5,304,337.43
Environmental	\$2,409,980.75	\$1,701,232.28	\$708,748.47
Entity Costs	\$3,500,989.00	\$384,610.21	\$3,116,378.79
Other	\$10,857,031.96	\$10,198,438.33	\$658,593.63
Total	\$293,439,748.84	\$199,606,082.09	\$93,833,666.75
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	\$237,757,625.80	\$120,318,821.53	\$117,438,804.27
Const Engineering	\$19,117,112.20	\$9,241,169.38	\$9,875,942.82
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$2,103,363.00	\$191,517.02	\$1,911,845.98
Other	\$2,658,000.00	\$1,424,351.88	\$1,233,648.12
Total	\$261,636,101.00	\$131,175,859.81	\$130,460,241.19
Construction Projects = 12 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

7/19/2021 - payas443

**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	\$506,000.00
CLA10G12	Tropicana Wash at Swenson Street	Closed	\$7,076,397.21
CLA10H13	Airport Channel - Naples	Open	\$1,710,000.00
CLA10I19	Wagon Trail Chnl, Sunset Rd to Teco Avenue	Open	\$368,800.00
CLA10J21	Wagon Trail Chnl-Sunset Rd to Teco Ave	Open	\$2,800,008.00
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	\$1,753,000.00
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
			\$262,152,809.52

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 DB Exp & Jess Waite Levee Facilities	Open	\$1,180,000.00
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

**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>
LAU03A96	Hiko Springs Outfall Channel	Closed	\$7,771,291.25
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	\$12,906,432.82
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
			\$75,182,267.01

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

**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>
HEN04Q15	Racetrack Channel, Drake to Burkholder	Closed	\$833,948.46
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

**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>
HEN21A05	Pittman Railroad, MacDonald Ranch Channel	Closed	\$253,025.49
HEN21B08	Pittman Railroad, MacDonald Ranch Channel	Closed	\$2,025,749.22
HEN22A09	Anthem Pkwy Channel, Horizon Ridge to Sienna Heights	Closed	\$94,222.77
HEN22B21	Anthem Pkwy Chnl-Horizon Ridge to Siena Heights	Open	\$124,303.00
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
			<u>\$151,574,486.50</u>

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

**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>
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
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

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**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>
LAS13A92	Cheyenne Channel / Buffalo - Gowan Design	Closed	\$86,475.85
LAS13B94	Cheyenne Channel Crossings Developer Participation	Closed	\$709,000.00
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

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**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>
LAS22E06	Las Vegas Wash - Decatur Blvd (Centennial PKWY to Farm Road)	Closed	\$2,454,915.36
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

**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>
LAS26A07	Grand Teton Overpass - Storm Drain	Closed	\$612,614.83
LAS26B08	Grand Teton Overpass - Storm Drain	Closed	\$1,936,755.45
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-Mocassin, Skye Canyon Park to Upper LVW	Open	\$120,000.00
LAS31B18	LVW - Mocassin, 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
			\$436,241,971.90

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	\$612,341.75
MES02A00	Abbott Wash Channel, I-15 to Virgin River	Closed	\$632,380.00
MES04A15	Virgin River Flood Wall	Open	\$1,433,903.00
			\$4,325,891.11

**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	\$626,038.57
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

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**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	Closed	\$419,976.43
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
			\$184,847,165.17
	Grand Total		\$1,191,992,549.02

**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
			<u>\$286,496,136.88</u>

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
MOA03B21	Fairgrounds DB and Outfall	Open	\$13,796,500.00
			<u>\$22,475,016.42</u>

**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
NLV04L21	Gowan Outfall-Alexander-Decatur- Simmons,Simmons-Clayton	Open	\$33,988,550.00
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
			<u>\$288,284,190.97</u>
		Grand Total	<u><u>\$948,917,556.32</u></u>

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	21
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		
		PROJECTS PROGRAMMED	\$17,051,027.00				
		ESTIMATED RESOURCES	\$14,287,300.00				
		REMAINING RESOURCES	(\$1,299,867.00)				
HENDERSON 3-YEAR TOTALS:							

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		
		PROJECTS PROGRAMMED	\$60,153,529.10				
		ESTIMATED RESOURCES	\$65,349,653.00				
		REMAINING RESOURCES	\$26,659,994.90				
LAS VEGAS 3-YEAR TOTALS:							

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	8
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 Detention 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	27a
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	7
Blue Diamond Wash - Arville Street to I-15 - 2nd Supplemental	CLA16O19	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			
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	25
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	28b
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	22
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
Town Wash - Mesa Boulevard, El Dorado to Town Wash - 6th Supplemental	MES01E17	Design	40,159.00	0.00	40,159.00	6/10/2021	24
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.

2021-2022 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)							
Pittman Sunset, Burns to Foster		Construction	0.00	5,617,288.00	0.00		
Galleria to Sunset		Construction	0.00	1,463,860.00	0.00		
Pittman Anthem Parkway Channel - Siena Heights to Horizon Ridge		Construction	0.00	1,163,937.00	0.00		
Henderson Total			\$0.00	\$8,245,085.00	\$0.00		
HENDERSON 3-YEAR TOTALS:			PROJECTS PROGRAMMED	\$8,245,085.00			
			ESTIMATED RESOURCES	\$11,134,631.00			
			REMAINING RESOURCES	\$11,134,631.00			

LAS VEGAS (Central Las Vegas Valley)							
Lake Mead - Carey - Lake Mead Detention Basin Outfall		Construction	555,166.00	0.00	0.00		
Owens Avenue System - Vegas Storm Drain, Shadow Mountain to Jones		Construction	0.00	3,323,245.00	0.00		
Meadows - Charleston Storm Drain, Essex to Lindell		Construction	0.00	15,978,223.00	0.00		
Las Vegas Wash - Stewart, Las Vegas Wash to Lamb		Construction	0.00	9,731,080.00	0.00		
Meadows Detention Basin Upgrade		Construction	0.00	2,285,000.00	0.00		
Owens Avenue East - LV to Eastern		Design	2,332,191.00	0.00	0.00		
Meadows/Charleston-VIA Olivero, Montessori to Buffalo		Design	546,693.00	0.00	0.00		
Flamingo - Boulder Hwy, North, Charleston - Main to Maryland		Construction	0.00	7,384,660.00	0.00		
Gowan Outfall - El Capitan Branch, Ann Road to Centennial		Construction	9,803,758.00	0.00	0.00		
Gowan - Alexander Rd., Rancho to Decatur		Construction	0.00	10,296,381.00	0.00		
Brent Drainage System - Durango to OHare		Construction	0.00	8,404,185.00	0.00		
Centennial Pkwy Channel West - Farm Rd - Oso Blanca to Tee Pee		Construction	0.00	6,057,110.00	0.00		
Las Vegas Total			\$13,237,808.00	\$63,459,884.00	\$0.00		
LAS VEGAS 3-YEAR TOTALS:			PROJECTS PROGRAMMED	\$76,697,692.00			
			ESTIMATED RESOURCES	\$90,739,352.00			
			REMAINING RESOURCES	\$90,739,352.00			

NORTH LAS VEGAS (Northern Las Vegas Valley)							
North Las Vegas Detention Basin Upgrade		Design	658,922.00	0.00	0.00		
Las Vegas Wash - Iron Mountain, Bradley to Decatur		Construction	0.00	5,000,000.00	0.00		
Lake Mead Storm Drain, Las Vegas Wash to Civic Center		Construction	0.00	7,897,167.00	0.00		
Las Vegas Wash Cartier Channel		Construction	6,410,274.00	0.00	0.00		
Orchard Collector - Charleston to Linden		Construction	0.00	6,939,465.00	0.00		
Jim McGaughey Detention Basin & Outfall		Right-of-Way	800,000.00	0.00	0.00		
Jim McGaughey Detention Basin & Outfall		Construction	0.00	18,463,354.00	0.00		
Range Wash - Ann Branch - Closeout	NLV03F17	Design	(455,850.43)	0.00	(455,850.43)	7/8/2021	8
North Las Vegas Total			\$7,413,345.57	\$38,299,986.00	(\$455,850.43)		
NORTH LAS VEGAS 3-YEAR TOTALS:			PROJECTS PROGRAMMED	\$45,713,331.57			
			ESTIMATED RESOURCES	\$70,311,654.00			
			REMAINING RESOURCES	\$70,767,504.43			

CLARK COUNTY (Southwest Las Vegas Valley and Outlying Areas)							
Flamingo, Cimarron Branch - Russell Road to Patrick Lane	CLA01F21	Design	520,000.00	0.00	520,000.00	8/12/2021	
Flamingo - Cimarron Branch		Construction	0.00	3,039,194.00	0.00		
Flamingo Wash, Maryland to Palos Verde		Construction	5,423,616.00	0.00	0.00		
Airport Channel - Naples Channel and Peaking Basin		Construction	29,960,000.00	0.00	0.00		
Flamingo Wash, UPRR to Hotel Rio Drive - 3rd Supplemental	CLA10F10	Design	460,000.00	0.00	460,000.00	7/8/2021	12
Flamingo Wash - Industrial Road, To Hotel Rio Dr.		Construction	1,400,000.00	0.00	0.00		
Vanbuskirk - Tropicana, Maryland Pkwy to University Center		Design	412,843.00	0.00	0.00		
Vanbuskirk - Tropicana, Maryland Pkwy to University Center		Construction	0.00	3,789,898.00	0.00		
Las Vegas Wash - Branch 02 - Jimmy Durante to Boulder Hwy		Construction	0.00	6,770,428.00	0.00		
Blue Diamond Wash - Arville to I-15		Construction	7,810,263.00	0.00	0.00		
Duck/Cr./Blue Diamond, Bermuda Road to Las Vegas Blvd.		Construction	10,460,511.00	0.00	0.00		
Blue Diamond Channel, Amigo to Haven		Construction	0.00	7,700,333.00	0.00		
Blue Diamond Channel 02, Decatur - LeBaron to Richmar - Phase 2		Construction	3,500,000.00	0.00	0.00		
Blue Diamond Railroad Channel		Construction	0.00	6,370,831.00	0.00		
Sunset Park - Duck Creek Wash to Eastern Avenue	CLA14X21	Design	1,630,000.00	0.00	1,630,000.00	8/12/2021	
Duck Creek, Sunset Park		Construction	0.00	20,969,328.00	0.00		
Goodsprings - Phase I		Right-of-Way	377,402.00	0.00	0.00		
Goodsprings - Phase I		Construction	2,547,448.00	0.00	0.00		
Muddy River West Levee, Moapa Valley - Closeout	MOA01B89	Design	(594,567.18)	0.00	(594,567.18)	7/8/2021	8
Muddy River - Cooper to Yamashita		Right-of-Way	1,557,142.00	0.00	0.00		
Muddy River - Cooper to Yamashita		Design	1,275,096.00	0.00	0.00		
Hiko Detention Basin Expansion		Design	210,746.00	0.00	0.00		
Searchlight - West - State Hwy 164		Construction	5,857,039.00	0.00	0.00		
Windmill Wash Detention Basin Expansion and Jess Waite Levee Facilities (aka Windmill Wash Detention Basin Expansion)		Construction	0.00	2,278,462.00	0.00		
Clark County Total			\$72,807,538.82	\$50,918,474.00	\$2,015,432.82		
CLARK COUNTY 3-YEAR TOTALS:			PROJECTS PROGRAMMED	\$123,726,012.82			
			ESTIMATED RESOURCES	\$131,676,428.00			
			REMAINING RESOURCES	\$129,660,995.18			

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		
Virgin River Flood Wall		Construction	0.00	8,560,000.00	0.00		
City of Mesquite Total			\$8,166,251.00	\$8,560,000.00	\$0.00		
MESQUITE 3-YEAR TOTALS:			PROJECTS PROGRAMMED	\$16,726,251.00			
			ESTIMATED RESOURCES	\$19,077,507.00			
			REMAINING RESOURCES	\$19,077,507.00			

BOULDER CITY								
Boulder City Total					\$0.00	\$0.00	\$0.00	
BOULDER CITY 3-YEAR TOTALS:			PROJECTS PROGRAMMED	\$0.00				
			ESTIMATED RESOURCES	\$3,196,095.00				
			REMAINING RESOURCES	\$3,196,095.00				

SUMMARY	
TOTAL 3-YEAR PROJECTS PROGRAMMED⁽⁴⁾	\$271,108,372.39
TOTAL ESTIMATED RESOURCES (Year-1)	\$136,155,084.00
TOTAL REMAINING DESIGN PROJECTS (Year-1)	\$5,436,491.00
TOTAL PROJECTS FUNDED (Year-1)	\$1,559,582.39
CURRENT AVAILABLE CONSTRUCTION RESOURCES (Year-1)	\$129,159,010.61

LOCAL DRAINAGE (5)							
			0.00	0.00	0.00		
			0.00	0.00	0.00		
Local Drainage Total			\$0.00	\$0.00	\$0.00		

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 2021-22						
Aug-21	ESTIMATED REMAINING FISCAL YEAR CIP RESOURCES				\$80,015,658		
	Sunset Park - Duck Creek Wash to Eastern Avenue - Original	CLA14X21	\$1,630,000		\$78,385,658		
	Flamingo, Cimarron Branch - Russell Road to Patrick Lane - Original	CLA01F21	\$520,000		\$77,865,658		
	No Projects Awaiting Funding						

Notes: (1) Estimated CIP resources are from the FY2021-22 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). Amendments to the TYCP are shown for:

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Sunset Park – Duck Creek Wash to Eastern Avenue	CLA14X21	Item #09a Original	\$2,239,455.00	\$1,630,000.00
Flamingo, Cimarron Branch – Russell Road to Patrick Lane	CLA01F21	Item #09b Original	\$ 324,574.00	\$ 520,000.00

[Signature]

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

TAC AGENDA ITEM #05 Date: 07/29/2021	RFCD AGENDA ITEM # Date: 08/12/2021
CAC AGENDA ITEM #05 Date: 08/02/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion: 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).	Date: 07/19/2021
Staff Recommendation: Approve.	
Discussion by Technical Advisory Committee:	AGENDA #05 Date: 07/29/2021
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA #05 Date: 08/02/2021
Recommendation:	

**CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM**
Amended August 12, 2021

EXHIBIT C

TOTAL PLAN		FIRST FIVE YEARS 7/2021 THRU 6/2026			Total Plan	Funding Requests 21/22						
		Existing Value/ Comments		Project Cost Per MPU		(Year 1) FY 21/22	(Year 2) FY 22/23	(Year 3) FY 23/24	Board Date	Amount	Amendment?	Project No.
		Annual Resources				Annual Resources						
	Unencumbered from previous year	\$75,593,943		\$863,582,254	\$60,561,141	\$46,537,246	\$143,443,336					
	ENTITY RESOURCES			\$797,306,159	\$34,530,140	\$31,536,263	\$41,692,969					
	Unencumbered from previous year	\$61,028,127		\$283,226,788	\$79,105,289	\$13,122,674	\$40,448,464					
	ENTITY TOTAL	\$1,556,209,874	\$744,442,404	\$282,578,305	\$72,807,539	\$13,742,756	\$40,791,461		\$2,015,433			
	HYDROGRAPHIC BASIN: Tropicana/Flamingo	\$949,729,850	\$164,588,950	\$134,826,732	\$38,176,459	\$10,560,327	\$4,518,872		\$980,000			
	SYSTEM: Tropicana Flamingo Project	\$484,469,310	\$23,344,000	\$14,631,018	\$520,000	\$0	\$3,039,194		\$520,000			
	PROJECT: Blue Diamond - Buffalo Branch											
	Design/Admin		\$1,617,240									
	Design/Admin	BD9F 0010, 0076, 0125	\$1,293,800									
	Construction		\$8,065,230									
	PROJECT: Flamingo, Cimarron Branch - Russell Road to Patrick Lane				\$11,071,824							
	Design/Admin		\$530,350									
	Right-of-way	FLCM 0003	\$424,280									
	Construction		\$2,651,760		\$3,559,194				\$520,000	8/12/2021	YES	
	SYSTEM: Flamingo Decatur	\$110,855,740	\$4,867,110	\$488,167	\$0	\$0	\$0		\$0			
	PROJECT: Flamingo Wash - Jones to Tropicana											
	Design/Admin		\$674,380									
	Right-of-way	FLWA 1153, 1204	\$539,500									
	Construction		\$3,371,920		\$488,167							
	SYSTEM: Lower Flamingo	\$332,587,410	\$99,159,190	\$57,326,375	\$37,656,459	\$3,789,898	\$1,479,678		\$460,000			
	PROJECT: Flamingo Wash, Maryland to Palos Verde											
	Design/Admin		\$534,210									
	Right-of-way	FLWA 0621 & 0673	\$427,360									
	Construction		\$2,671,030									
	PROJECT: Flamingo Wash Maryland - UNLV											
	Design/Admin		\$270,640									
	Right-of-way	FLMR 0000	\$776,510									
	Construction		\$4,653,190		\$6,632,728				\$618,031			
	PROJECT: Airport Channel - Naples Channel and Peaking Basin											
	Design/Admin		\$1,114,250									
	Right-of-way	TRMC 0013, 0014, 0031, CL410H13	\$891,390									
	Construction		\$5,571,230									
	PROJECT: Vegas Valley Drive - Flamingo Wash to Burnham											
	Design/Admin		\$1,353,250									
	Right-of-way	VAVD 0000 & 0025	\$1,082,600									
	Construction		\$6,760,280		\$9,247,289				\$361,648			
	PROJECT: Flamingo Wash - UPRR to Hotel Rio Dr.											
	Design/Admin		\$77,760									
	Right-of-way	FLWA 0693 & 0696	\$539,660									
	Construction		\$3,372,900									
	PROJECT: Vanbuskirk - Tropicana, Maryland Pkwy to University Center											
	Design/Admin		\$872,830									
	Right-of-way	VBTM 0175	\$698,260									
	Construction		\$4,364,110									
	SYSTEM: Lower LV Wash Tributaries	\$21,817,390	\$37,218,650	\$62,381,173	\$0	\$6,770,428	\$0		\$0			
	PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista											
	Design/Admin		\$872,830									
	Right-of-way	LV01 0151, 0176	\$539,660									
	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									
	Construction		\$19,680,340									
	PROJECT: Tropicana Avenue Conveyance - Boulder Hwy. to Morris											
	Design/Admin		\$582,330									
	Right-of-way	LV01 0135	\$465,860									
	Construction		\$2,911,630									
	PROJECT: Las Vegas Wash - Branch 02 - Jimmy Durante to Boulder Hwy											
	Design/Admin		\$671,120									
	Right-of-way	LV02 0209, 0273, CL440A21	\$536,890									
	Construction		\$3,355,570						\$279,293			
	PROJECT: Las Vegas Wash - Branch 02 - Monson Chini - Las Vegas Wash to Flamingo											
	Design/Admin		\$1,925,890									
	Right-of-way	LV02 0001, 0125, 0127	\$1,540,710									
	Construction		\$9,629,450									
	PROJECT: Las Vegas Wash - Boulder Hwy. - Tropicana to Harmon											
	Design/Admin		\$1,421,180									
	Right-of-way	LVBH 0000	\$1,136,940									
	Construction		\$7,105,890									

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
Amended August 12, 2021

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2021 THRU 6/2026			Project No.
					(Year 1) FY 21/22	(Year 2) FY 22/23	(Year 3) FY 23/24	
TOTAL PLAN								
Unencumbered from previous year	\$75,593,943		Annual Resources	\$863,582,254	\$60,561,141	\$46,537,246	\$143,443,336	
ENTITY RESOURCES			Cumulative Available Resources	\$797,306,159	\$34,530,140	\$31,536,263	\$41,692,969	
Unencumbered from previous year	\$61,028,127		Annual Resources	\$283,226,788	\$76,105,289	\$13,122,674	\$40,448,464	
ENTITY TOTAL			Cumulative Available Resources	\$282,578,305	\$5,297,750	\$4,677,668	\$4,334,672	
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond			\$744,442,404	\$72,807,539	\$13,742,756	\$40,791,461		Funding Requests 21/22
			\$301,091,860	\$23,400,774	\$903,968	\$35,040,492		Amount
			\$61,719,030	\$18,270,774	\$903,968	\$7,700,333		Board Date
SYSTEM: Blue Diamond Tributaries								Amendment?
PROJECT: Blue Diamond Wash - Arville to I-15								Project No.
Design/Admin	BDWA 0276	Design Started 19/19	\$1,050,120		\$510,952			
Right-of-way			\$840,090		\$7,269,311			
Construction			\$5,250,390					
PROJECT: Duck Cr. / Blue Diamond, Bermuda Road to Las Vegas Blvd.								
Design/Admin	DCBD 0075, 0082 & 0084	Design Started 19/19	\$991,380		\$404,483			
Right-of-way	CLA39A19		\$793,100		\$10,056,026			
Construction			\$4,956,890					
PROJECT: Blue Diamond Channel, Amigo to Haven								
Design/Admin	BDWA 0087, 0111, 0113, 0137, 0139, 0174, 0175	Design Started 20/21	\$1,343,740			\$570,395		
Right-of-way		CLA18P21	\$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	BDW1 0122, 0220		\$1,655,250					
Right-of-way			\$1,324,200					
Construction			\$8,276,280					
PROJECT: Blue Diamond Wash - Pebble, Blue Diamond Wash to Rainbow								
Design/Admin	BDWA 0000		\$1,448,110		\$903,868			
Right-of-way			\$1,158,490					
Construction			\$7,240,530					
SYSTEM: Upper Duck Creek			\$75,203,030	\$3,500,000	\$0	\$6,370,831	\$0	
PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar - Phase 2								
Design/Admin	BD02 0330, 0334	Phase 2	\$0	\$500,000				
Right-of-way			\$0	\$3,000,000				
Construction			\$1,624,839					
PROJECT: Blue Diamond Railroad Channel								
Design/Admin	BDW4 0000	Design Started 20/21	\$1,111,740			\$471,915		
Right-of-way	BDW4 0026, BDW2 0000	CLA3UG20	\$889,390			\$5,896,918		
Construction			\$3,558,660					
SYSTEM: Lower Duck Creek			\$39,736,410	\$1,630,000	\$0	\$20,969,328	\$1,630,000	
PROJECT: Sunset Park - Duck Creek Wash to Eastern Avenue								
Design/Admin	DCSP 0000, 0115	Design Started 21/22	\$3,659,240		\$1,630,000	\$1,553,266		
Right-of-way		CLA14A21	\$2,927,390					
Construction			\$18,299,170			\$19,416,042		

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
Amended August 12, 2021

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2021 THRU 6/2026			Project No.
					(Year 1) FY 21/22	(Year 2) FY 22/23	(Year 3) FY 23/24	
Unencumbered from previous year	\$75,593,843			\$863,582,254	\$46,537,246	\$143,443,336		
ENTITY RESOURCES				\$797,306,159	\$31,536,263	\$41,692,869		
Unencumbered from previous year	\$61,028,127			\$283,226,788	\$13,122,674	\$40,446,464		
ENTITY TOTAL				\$282,578,305	\$13,742,756	\$40,791,461		
HYDROGRAPHIC BASIN: Outlying Areas				\$66,986,658	\$2,278,462	\$1,232,097		
SYSTEM: Goodsprings				\$2,924,850	\$0	\$0		
PROJECT: Goodsprings - Phase I								
Design/Admin	GSPA 0000, 0018, 0019,	Design Started 09/10	\$462,501	\$188,700				
Right-of-way	0027 & 0029	GSP01810	\$370,002	\$377,402				
Construction			\$2,312,488	\$2,358,746				
SYSTEM: Muddy River & Tributaries				\$2,237,671	\$0	\$0		
PROJECT: Muddy River - Cooper to Yamashita								
Design/Admin	MRLV 0395, 0423, 0424,		\$2,085,460	\$1,275,086				
Right-of-way	0442, 0443, 0458, 0493,		\$1,526,610	\$1,557,142				
Construction	0507, 0509		\$10,417,450					
PROJECT: Ryan Avenue to Lewis								
Design/Admin	MRLV 0184, 0198, 0240,		\$2,663,070					
Right-of-way	0268, 0276		\$0					
Construction			\$13,316,310					
PROJECT: Muddy River West Levee, Moapa Valley CLOSOUT								
Design/Admin								
Right-of-way								
Construction								
SYSTEM: Mount Charleston				\$24,198	\$1,587,384	\$0		
PROJECT: Rainbow Canyon Boulevard Bridge								
Design/Admin			\$233,439					
Right-of-way	MTCH 0001		\$186,751					
Construction			\$1,167,194					
SYSTEM: Laughlin				\$210,746	\$0	\$1,232,097		
PROJECT: Bridge Canyon Detention Basin								
Design/Admin			\$1,295,054			\$1,232,097		
Right-of-way	LUHS 0415, 0416, 0417		\$1,546,063					
Construction			\$397,920					
PROJECT: Hiko Detention Basin Expansion								
Design/Admin			\$344,356	\$210,746				
Right-of-way	LUHS 0244		\$275,485					
Construction			\$1,721,779					
PROJECT: Laughlin Marina to Desert Marina Drive								
Design/Admin	LUMA 0000,0001,		\$369,580					
Right-of-way	0013, 0014		\$295,665					
Construction			\$1,847,896					
SYSTEM: Searchlight				\$5,857,039	\$0	\$0		
PROJECT: Searchlight - West - State Hwy 164								
Design/Admin	SRVE 0001, 0002, 0003,	Design Started 19/20	\$700,263	\$285,707				
Right-of-way	0005	SEA02819	\$460,311					
Construction	& 0023	Eng. Est.	\$3,501,306	\$5,571,332				
PROJECT: Searchlight - West								
Design/Admin	SRVE 0049, 0068, 0091		\$298,545					
Right-of-way			\$206,836					
Construction			\$1,292,718					
SYSTEM: Bunkerville				\$0	\$2,278,462	\$0		
PROJECT: Windmill Wash Detention Basin and Jess Waite Levee Facilities								
Design/Admin	JEWA 0166, 0168	Design Started 10/11	\$81,912			\$36,165		
Right-of-way		BUN01D11	\$0					
Construction			\$2,031,507			\$2,242,297		

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

AMENDMENT NO. 1 TO THE INTERLOCAL AGREEMENT BETWEEN SOUTHERN NEVADA WATER AUTHORITY AND THE DISTRICT

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

APPROVE AND AUTHORIZE THE GENERAL MANAGER TO SIGN AMENDMENT NO. 1 TO THE INTERLOCAL AGREEMENT BETWEEN THE SOUTHERN NEVADA WATER AUTHORITY AND THE DISTRICT TO INCREASE FUNDING TO FUND THE DEVELOPMENT OF SITE-SPECIFIC CRITERIA FOR SELENIUM IN THE LAS VEGAS WASH (FOR POSSIBLE ACTION)

FISCAL IMPACT:

\$100,000 – Original Agreement approved May 21, 2020
\$114,000 – First Amendment to the Original Agreement
 \$214,000 – Total Agreement

****Note:** There will be no fiscal impact to the Regional Flood Control District

BACKGROUND:

In May of 2019, the Nevada Division of Environmental Protection (NDEP) published a notice of intent to revise various water quality standards for the Las Vegas Wash. The proposed standards included establishing statewide criteria for selenium based on guidance from the U.S Environmental Protection Agency. Under current conditions, portions of the Las Vegas Wash would be in non-compliance with the proposed statewide selenium criteria. After discussion with various stakeholders in Southern Nevada, NDEP agreed to delay the establishment of a selenium standard for the Las Vegas Wash until December 31, 2023 or until site-specific criteria for the Las Vegas Wash can be developed.

Since 2001, the District Board of Directors has approved an interlocal agreement among the cities of Henderson, Las Vegas, and North Las Vegas; the Clark County Water Reclamation District; the Southern Nevada Water Authority and the District to establish funding allocations and budget each fiscal year for activities in the Las Vegas Wash.

TAC AGENDA ITEM #06 Date: 07/29/2021	RFCD AGENDA ITEM # Date: 08/12/2021
CAC AGENDA ITEM #06 Date: 08/02/2021	

The draft budget for 2020/2021 included \$100,000 for the development of site-specific criteria for selenium. On May 21, 2020, the District approved an Interlocal Agreement with the Southern Nevada Water Authority to provide for the transfer of \$100,000 to the District to reimburse it for costs to complete the necessary work. In February 2021, the Las Vegas Valley Watershed Advisory Committee recommended an increase of \$114,000 for the project. Amendment No. 1 to the Interlocal Agreement provides for the transfer of an additional \$114,000 to the District to complete the project as budgeted for the 2021-2022 fiscal year. The amendment is attached. The RFCD Attorney has reviewed the agreement.

Respectfully Submitted,



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

TAC AGENDA ITEM #06 Date: 07/29/2021	RFCD AGENDA ITEM # Date: 08/12/2021
CAC AGENDA ITEM #06 Date: 08/02/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 07/19/2021

AMENDMENT NO. 1 TO THE INTERLOCAL AGREEMENT BETWEEN SOUTHERN NEVADA WATER AUTHORITY AND THE DISTRICT

In May of 2019, the Nevada Division of Environmental Protection (NDEP) published a notice of intent to revise various water quality standards for the Las Vegas Wash. The proposed standards included establishing statewide criteria for selenium based on guidance from the U.S Environmental Protection Agency. Under current conditions, portions of the Las Vegas Wash would be in non-compliance with the proposed statewide selenium criteria. After discussion with various stakeholders in Southern Nevada, NDEP agreed to delay the establishment of a selenium standard for the Las Vegas Wash until December 31, 2023 or until site-specific criteria for the Las Vegas Wash can be developed.

Since 2001, the District Board of Directors has approved an interlocal agreement among the cities of Henderson, Las Vegas, and North Las Vegas; the Clark County Water Reclamation District; the Southern Nevada Water Authority and the District to establish funding allocations and budget each fiscal year for activities in the Las Vegas Wash.

The draft budget for 2020/2021 included \$100,000 for the development of site-specific criteria for selenium. On May 21, 2020, the District approved an Interlocal Agreement with the Southern Nevada Water Authority to provide for the transfer of \$100,000 to the District to reimburse it for costs to complete the necessary work. In February 2021, the Las Vegas Valley Watershed Advisory Committee recommended an increase of \$114,000 for the project. Amendment No. 1 to the Interlocal Agreement provides for the transfer of an additional \$114,000 to the District to complete the project as budgeted for the 2021-2022 fiscal year. The amendment is attached. The RFCD Attorney has reviewed the agreement.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
#06 Date: 07/29/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#06 Date: 08/02/2021

Recommendation:

AMENDMENT NO. 1
AGREEMENT REGARDING DEVELOPING SITE-SPECIFIC CRITERIA FOR
SELENIUM IN THE LAS VEGAS WASH

THIS AMENDMENT NO. 1 (“Amendment No. 1”) to the Agreement Regarding Developing Site-Specific Criteria for Selenium in the Las Vegas Wash (“Agreement”), dated May 21, 2020, is made and entered into this _____ day of _____, 2021, by and between CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, a political subdivision of the State of Nevada (“District”), acting by and through its Board of Directors, and the SOUTHERN NEVADA WATER AUTHORITY (“Authority”), a political subdivision of the State of Nevada, acting by and through its Board of Directors. The District and Authority may sometimes be referred to individually as “Party” or collectively as “Parties.”

RECITALS

WHEREAS, the Parties are actively involved in the Las Vegas Wash Coordination Committee, a committee comprised of 28 local, state, federal and public representatives, with the intent of stabilizing and enhancing the valuable environmental resources of the Las Vegas Wash (“Wash”);

WHEREAS, the Parties were signatories to a July 11, 2002 Cooperative Agreement stating that one objective for the Parties was to cooperate in effectuating the long-term stabilization, enhancement, and management of the Wash;

WHEREAS, the Parties actively participate in the implementation of the Las Vegas Wash Comprehensive Adaptive Management Plan (“LVWCAMP”), a planning document used to meet objectives listed in the July 11, 2002 Cooperative Agreement;

WHEREAS, the Parties are signatories to the 2007 Agreement Regarding the Las Vegas Valley Watershed Advisory Committee (“LVVWAC”), which terminated the July 11, 2002 Cooperative Agreement and created the LVVWAC to 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;

WHEREAS, the Authority has been designated as the lead agency to implement the LVWCAMP and has established a team to coordinate this effort;

WHEREAS, selenium is a naturally occurring metal that is believed to be discharged to the Wash via the shallow groundwater aquifer;

WHEREAS, the District is willing to take the lead on developing site-specific criteria for selenium in the Wash, provided the LVVWAC members pay a share of the costs through contributions to the Authority in a separate Agreement;

WHEREAS, upon receipt of sufficient funds provided through this Agreement the District will hire a consultant to perform Phase I of a study to determine site-specific criteria for selenium for the Wash and establish an approach to address selenium in the tributaries to the Wash;

WHEREAS, the Parties are members of the Las Vegas Valley Watershed Advisory Committee ("LVVWAC"), which created a more unified and integrated approach to addressing water quality issues in the Las Vegas Valley and Lake Mead, including the Las Vegas Wash ("Wash") and established the Las Vegas Wash Comprehensive Adaptive Management Plan;

WHEREAS, the Authority has been designated as the lead agency to implement the Las Vegas Wash Comprehensive Adaptive Management Plan and has established a team that coordinates this effort;

WHEREAS, the State of Nevada established statewide water quality criteria for selenium and has delayed implementation of that criteria for the Wash for three years to give the local jurisdictions time to develop site-specific criteria for selenium in the Wash;

WHEREAS, on May 21, 2020, the Board approved the Agreement between the Authority and the District, which authorized the District to lead the development of site-specific criteria for selenium in the Wash in furtherance of LVVWAC members' benefit and authorizes the Authority to pay the District up to \$100,000 for developing site-specific criteria with funding made available through contributions established and agreed to by LVVWAC members; and

WHEREAS, due to unforeseen circumstances, the District needs additional funding to complete its selenium study and the LVVWAC members have determined that contributing the additional funding is necessary and can be accomplished within LVVWAC's budget.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the sufficiency of which is hereby acknowledged, the Parties agree to amend the Agreement as identified in this Amendment No. 1 as follows:

Section 4. Project Funding, shall be changed to read as follows:

Cost of services under this Agreement will not exceed \$214,000.

Compliance with Agreement

This Amendment No. 1 complies with Section 5.1 of the Agreement, which states in relevant part: "The Parties agree that representatives of the Parties may make changes, as appropriate or required, to accomplish Project objectives; provided, however, that such changes do not result in an increase in the financial obligation of either Party, unless otherwise extended by written agreement of the Parties."

The remainder of the original agreement dated May 21, 2020 shall remain unchanged.

IN WITNESS WHEREOF, each of the Parties has executed this Amendment No. 1 to the Interlocal Agreement as of the date and year first written above.

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

By: _____
Deanna Hughes
Board Secretary

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

APPROVED AS TO FORM:

Christopher D. Figgins
RFCF Attorney

SOUTHERN NEVADA WATER AUTHORITY

By: _____
John J. Entsminger, General Manager

APPROVED AS TO FORM:

Steven C. Anderson, Deputy Counsel

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT: HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL UPDATE
PETITIONER: STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
RECOMMENDATION OF PETITIONER: APPROVE AND AUTHORIZE THE CHAIR TO SIGN THE SECOND AMENDMENT TO THE CONSULTANT CONTRACT WITH ATKINS NORTH AMERICA, INC., TO INCREASE FUNDING AND EXTEND THE COMPLETION DATE TO PREPARE AN UPDATE TO THE HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL (FOR POSSIBLE ACTION)

FISCAL IMPACT: \$600,000 – Original Contract
 \$ 0 – First Amendment – date extension only
\$375,000 – Second Amendment
 \$975,000 – Total

BACKGROUND:

On August 8, 2019, the District entered into a professional services contract with Atkins North America, Inc., to prepare an update to the Hydrologic Criteria and Drainage Design Manual. On April 8, 2021, the contract was extended by the Board of Directors to June 30, 2022.

The scope negotiated in the original contract provided general estimates of effort in technical revisions until preliminary research and stakeholder outreach was completed. Additional funds are needed to complete the project based on the revised scope. An extension of time is also needed to complete the project and provide necessary training. Staff recommends extending the consultant contract from June 30, 2022 to June 30, 2023.

The revised contract has been reviewed by the RFCD Attorney.

Respectfully submitted,

SCP

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

TAC AGENDA ITEM #07 Date: 07/29/2021	RFCD AGENDA ITEM # Date: 08/12/2021
CAC AGENDA ITEM #07 Date: 08/02/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 07/19/2021

**HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL UPDATE
SECOND AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT**

On August 8, 2019, the District entered into a professional services contract with Atkins North America, Inc., to prepare an update to the Hydrologic Criteria and Drainage Design Manual. On April 8, 2021, the contract was extended by the Board of Directors to June 30, 2022.

The scope negotiated in the original contract provided general estimates of effort in technical revisions until preliminary research and stakeholder outreach was completed. Additional funds are needed to complete the project based on the revised scope. An extension of time is also needed to complete the project and provide necessary training. Staff recommends extending the consultant contract from June 30, 2022 to June 30, 2023.

The revised contract has been reviewed by the RFCDD Attorney.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
Date: 07/29/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#07 Date: 07/29/2021

Recommendation:

**SECOND AMENDMENT TO THE AGREEMENT FOR
PROFESSIONAL SERVICES
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
AND
ATKINS NORTH AMERICA, INC.
TO COMPLETE AN UPDATE TO THE HYDROLOGIC CRITERIA
AND DRAINAGE DESIGN MANUAL**

THIS SECOND AMENDMENT TO THE AGREEMENT is made and entered into this 12th day of August, 2021, by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (hereinafter referred to as "DISTRICT") and Atkins North America Inc., a Florida Corporation authorized to do business here in Clark County (hereinafter referred to as "CONSULTANT"), for an Update to the Hydrologic Criteria and Drainage Design Manual (hereinafter referred to as the "PROJECT").

WITNESSETH

WHEREAS, the DISTRICT desires to complete an update to the Hydrologic Criteria and Drainage Design Manual (MANUAL).

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;

WHEREAS, based on preliminary research and stakeholder outreach additional work, funds and time are needed to complete the Project;

WHEREAS, a professional services AGREEMENT was entered into between the DISTRICT and CONSULTANT on August 8, 2019 and supplemented on April 8, 2021; 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 III

CONSULTANT SERVICES, paragraph A, shall be revised to read as follows:

- A. The CONSULTANT shall perform Task 1 through Task 5 including services discussed in the “Basic Services” as specified in the Revised Exhibit A (the Revised Scope of Services), which is attached hereto, and by this reference made a part of this AGREEMENT. In addition, the CONSULTANT will perform Task 6, “Supplemental Services” described in the Revised Exhibit A if, as, and when requested in writing by the General Manager. The Revised Exhibit C, the Project Time Schedule, is attached hereto and by this reference made a part of this AGREEMENT.

Section IV

COMPENSATION AND TERMS OF PAYMENT, paragraphs B.2, B.3 and B.4 shall be revised to read as follows:

- B. Compensation and Method of Payment for Engineering Services are:
 - 2. The maximum cost to the DISTRICT for Basic Services Task 1 through Task 5 including services discussed in Project Description accomplished under this AGREEMENT shall not exceed nine hundred ten thousand eight hundred thirteen dollars and zero cents (\$910,813.00) 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 the Revised 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 the Revised 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 nine hundred ten thousand eight hundred thirteen dollars and zero cents (\$910,813.00). Payments will be made to the CONSULTANT on a monthly basis upon receipt of a progress report and itemized invoices for work accomplished.

3. Supplemental services (Task 6) will be performed only upon written authorization by the General Manager and at the discretion of the General Manager. Payment for Supplemental Services will be made according to the terms described in this section for basic professional services. The maximum cost to the DISTRICT for supplemental services accomplished under this AGREEMENT shall not exceed sixty-four thousand one hundred eighty-seven dollars and zero cents (\$64,187.00). Payments will be made to the CONSULTANT on a monthly basis upon receipt of a progress report and itemized invoices for work accomplished.
4. The total amount of this AGREEMENT shall not exceed nine hundred seventy-five thousand dollars and zero cents (\$975,000.00), unless approved by the DISTRICT in writing and a supplement to this AGREEMENT is executed by the parties.

Section V

TIME AND PERFORMANCE, paragraph E shall be revised to read as follows:

- E. This AGREEMENT shall begin on August 8, 2019 and terminate on June 30, 2023 unless it is extended before the termination date with the mutual written consent of both parties or earlier terminated pursuant to Section VI.

The remainder of the original AGREEMENT and First Amendment to the AGREEMENT shall remain unchanged.

IN WITNESS WHEREOF, the parties have caused this SECOND AMENDMENT TO THE AGREEMENT to be executed the day and year first above written.

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

By: _____ Date: _____

DEBRA MARCH, Chair

ATKINS NORTH AMERICA, INC.

By: _____ Date: _____

Matt Baird, P.E.

Vice President

ATTEST:

By: _____ Date: _____

Deanna Hughes
Secretary to the Board

APPROVED AS TO LEGALITY ONLY:

By: _____ Date: _____

Christopher Figgins
RFCD Attorney

**REVISED EXHIBIT A
SCOPE OF SERVICES
UPDATE OF THE HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL**

PROJECT DESCRIPTION

The project includes a review and update of the Hydrologic Criteria and Drainage Design Manual (HCDDM). The HCDDM shall be revised to correct errors and discrepancies, incorporate feedback from stakeholders, include updated text, criteria, formulas, equations, charts, and/or diagrams based on updated reference material, and improve the clarity and usability of the HCDDM. A working group will be formed consisting of representatives of the member entities and other stakeholders as appropriate. The working group will be facilitated by Atkins (ATKINS or CONSULTANT) in cooperation with the Clark County Regional Flood Control District (DISTRICT).

TASK 1. PROJECT MANAGEMENT AND COORDINATION

1.1 Build Stakeholder Working Group and Communication Framework

ATKINS will assist the DISTRICT in forming a working group consisting of representatives of the District, the public works staffs of the member entities and other stakeholders as appropriate. A technical subcommittee will also be formed consisting of other subject matter experts as appropriate. A communication framework will be designed by ATKINS using Microsoft Sharepoint (or similar platform) to facilitate the sharing of files between Atkins, the DISTRICT, and other key stakeholders.

1.2 Project Management and Communication

ATKINS will perform project management tasks such as internal coordination and meetings, planning, scheduling the work and resources, project control plan, quality control plan, task breakdown and budget reviews, and invoicing. A project schedule will also be prepared and maintained throughout the project. Project coordination via email, phone calls, conference calls, and Sharepoint will also be carried out.

1.3 Meetings

ATKINS will prepare agendas, coordinate, schedule, and conduct in-person monthly meetings to systematically and thoroughly discuss and review each portion of the HCDDM. Meeting minutes will be prepared to document the outcome of each meeting and resulting action steps. Working group meetings are anticipated to be held bi-monthly, with progress meetings occurring during the “off” months. A 16-month project schedule is anticipated. Additional individual or recurring meetings will be held as needed. ATKINS role in providing agendas and/or meeting minutes will be determined prior to the start of these meetings.

TASK 2. DATA COLLECTION

2.1 Literature Review of Other Manuals

ATKINS will perform a literature review of similar drainage design manuals prepared by other agencies focusing in the western United States. A summary of recent updates, additions, and best practices that pertain to each section of the HCDDM will be documented. Any recommendations for new content will be described in a brief memo and presented to the DISTRICT for further discussion and consideration.

Deliverable: Summary spreadsheet listing manuals reviewed and describing relevant content that could be implemented in Clark County.

2.2 Gather and Compile Known Issues

ATKINS will coordinate with the DISTRICT, member entities, the working group, the technical subcommittee, and other stakeholders to request, obtain, and compile a comprehensive list of known issues related to the current HCDDM. Issues will be organized on the Sharepoint site according to sections in the HCDDM and condensed to remove duplicate issues.

2.3 Solicit Additional Stakeholder Input

ATKINS will prepare an online feedback portal (Bluebeam, Adobe Cloud, or similar application) to solicit additional stakeholder input on the current HCDDM. The portal will include a PDF version of the HCDDM that can be electronically marked up or redlined if needed. The portal will allow multiple users to make comments or add redlines to the same version of the PDF file. ATKINS will coordinate with local professional organizations to post a link to the feedback portal in organizational emails, on websites, and within social media feeds.

2.4 Technical Review of Current HCDDM

ATKINS will perform a technical review of the current HCDDM to better identify specific HCDDM updates to be performed. Textbooks, guidance documents, handbooks, engineering papers, manuals, and other pertinent information will be researched to review equations, figures, maps, guidelines, diagrams, references or other information contained in the HCDDM. Technical reviewers may include ATKINS' staff, other subject matter experts on the CONSULTANT team, key working group members, and/or technical subcommittee members.

Deliverable: Summary memorandum describing/outlining specific HCDDM updates to be performed within each section of the HCDDM.

TASK 3. TECHNICAL REVISIONS

3.1 Prepare Technical Revisions

ATKINS will prepare technical revisions of the HCDDM as described in the subtasks below. Technical revisions will be provided for review by the DISTRICT, the working

group, and other relevant stakeholders. DISTRICT staff will make final determinations on HCDDM content in cases where consensus cannot be reached.

Deliverables: Technical revisions presented in electronic format (PPT, PDF, or similar).

3.1.0 Overall Review

A review of equations, tables, references, grammar, etc., and the overall organization will be carried out to identify errors, omissions, or necessary changes to be incorporated in the updated HCDDM.

3.1.1 Section 100 – General Provisions

The following updates will be made to Section 100:

- Abbreviations: Abbreviations will be reviewed and updated. Obsolete or unused abbreviations and/or acronyms will be removed.
- Glossary References: Glossary references will be updated to refer to the “most current adopted edition and all future amendments” of various referenced standards in lieu of including a specific publication date or version number.
- Provisions: A provision will be added to Section 100 stating that the HCDDM standards are based on the best available data at the time this document was developed. The design engineer must utilize best practices at the time of the project and not rely on these standards due to the ever-evolving industry standards.
- Variance Procedures: The process of obtaining variances for local flood control facilities will be clarified to confirm whether RFCD approval is also needed.

3.1.2 Section 200 – Drainage Planning and Submittal

The following updates will be made to Section 200:

- CCRFCDC Concurrence: Table 201 will be expanded to reflect submittal requirements for CCRFCDC Concurrence. A requirement that structural plans, details, and calculations shall be approved by the entity prior to submittal to CCRFCDC for concurrence of the drainage study will be added to Section 201.
- Construction Permits: NDEP requirements for minimum area of disturbance (1 mi. v. 5 mi.) requiring construction permits will be reviewed for possible updates to Section 207.1. A link to NDEP requirements will also be provided as a reference.
- Grading Plan/Drainage Plan: The difference between a drainage plan, grading plan, and figures will be clarified in Section 200. Grading plan requirements will be added.
- Report Outline: Additional sections and explanation will be added to the Hydrology and Hydraulics Addendum outline presented in Section 205. These include: Technical Drainage Study Addendum, Technical Drainage Study Supplement, Technical Drainage Study Update, and Technical Drainage Study Concurrence from Impacted Neighboring Entities.

- Standard Form 1: The statement that Standard Form 1 may have sufficient information to serve as a conceptual drainage study will be removed.
- Standard Form 2: Several updates to Standard Form 2 will be implemented. These consist of the following:
 - A requirement to submit grading plans/improvement plans will be added.
 - Formatting will be updated, and notes added, to further clarify that the form is not required to be submitted (only to be used as a guide for engineers).
 - A requirement to provide the watershed map from the MPU will be added.
 - The required number of copies of Drainage Plans will be updated.
 - Additional labeling requirements for retaining walls will be added.
 - A requirement to provide a BMP figure showing impervious areas, treated and non-treated areas, and on-site BMPs will be added.
- Submittal File Format: The requirements for microfilm, mylar, hard copy, and digital submittals will be reviewed and updated as needed. An allowance for digital (PDF) copies will be added.
- Submittal Nomenclature: Nomenclature used to describe existing, interim, developed, and ultimate conditions will be reviewed and updated for clarity. Specifically, the term “developed” will be further defined to specify whether it refers to the site or the upstream watershed. The term “Master Drainage Study” will be reviewed and potentially revised to read “Master/Conceptual Drainage Study”.

The following topics will be investigated with the stakeholder group and researched as necessary to determine whether to implement proposed changes and to what extent:

- Technical Drainage Study: Technical Drainage Study guidance will be reviewed to determine whether a TDS is needed for project sites less than 1 acre in size. Recommendations for how to treat project sites less than 1 acre in size will be provided.

3.1.3 Section 300 – Drainage Policy

The following updates will be made to Section 300:

- Bubbler Systems: Required approval for bubbler systems will be reviewed and updated as needed. Relevant changes to Section 304.4 will be coordinated with changes described in the scope for Section 900.
- Culvert Design Standards: Culvert design standards will be revised to follow bridge criteria (2-ft above 100-yr water level to the low chord) for certain design flowrates (500 cfs and greater). Exceptions for NDOT facilities will be incorporated into the design criteria.
- Culverts and Bridges: Criteria for culverts and bridges contained in Section 304.5 will be moved to Section 1000.

- Master Plan Amendments/Master Plan Changes: Criteria will be added regarding master plan amendments and master plan changes, as well as references to relevant sections in the Nevada Revised Statute, to include information not already contained in the CCRFCD Policies and Procedures Manual.
- Multi-Use Facilities: The multi-use facility signage paragraph in the Drainage Law section will be reviewed and potentially moved to Section 304.8.
- Typical Lot Drainage: Typical Lot Drainage figure will be updated for consistency with Building Code standards and to include other typical lot types.
- Vertical Control: The vertical control section will be updated to add current datum information and remove outdated information. A discussion of considerations for the anticipated USGS 2022 datum update will also be included.

The following topics will be investigated with the stakeholder group and researched as necessary to determine whether to implement proposed changes and to what extent:

- Easements: Easement criteria for additional easement scenarios will be considered for possible inclusion in the HCDDM. Easement guidance from various entities will be reviewed for possible consolidation into more general easement requirements.
- FEMA Guidance: Requirements contained in Standard Form 2 for completing a water surface profile analysis will be reviewed to determine whether exceptions should be granted for small developments in which the engineer is not altering the base flood elevation. Guidance relative to CLOMR/LOMR submittals will be reviewed for accuracy and include direct references to the FEMA website where appropriate. Criteria regarding allowable construction activities and building permit/certificate of occupancy issuance based on CLOMR/LOMR status will be reviewed for possible County-wide adoption.
- Maintenance of Private Easements: The requirement to submit maintenance procedures for private easements with drainage studies will be reviewed for possible clarification or removal.
- Nuisance Flow: Acceptable mitigation measures for nuisance flow will be reviewed for possible inclusion in the HCDDM. Should a minimum spacing for nuisance inlets be adopted in Section 800, this standard will be referenced in Section 303.1.3.

3.1.4 Section 400 – Drainage Law

Updates in Section 400 to be included in sub-tasks 3.1.0 and 3.1.18.

3.1.5 Section 500 – Rainfall:

The following updates will be made to Section 500:

- DARF: The method for applying DARF values will be reviewed and clarified in the HCDDM to ensure consistent application of Table 502. DARF research and

recommendations prepared by NDOT will be reviewed, incorporated, and referenced where applicable. The example in 507.2 will be updated to show the correct use of DARFs.

- **Figure Updates:** The accuracy and relevancy of Figures 518 (Hypothetical Basin for Non-Urban, Large Basin Examples), 519 (Hypothetical Basin for Urban, Small Basin Examples) and 520 (Precipitation Depth Versus Return Period for Example in Section 507.3) will be reviewed and either updated or removed if not needed.
- **Rainfall:** Rainfall depths will be updated to incorporate the 1.43 adjustment factor into the rainfall values currently published in the HCDDM (applying a manual 1.43 adjustment will no longer be needed). Revised isopluvial maps will be generated to reflect the updated depths. An explanation of the updated rainfall criteria will also be added (e.g. review of Clark County gauges, comparison with NOAA 14).
- **Software:** References to HEC-1 will be updated to also allow HEC-HMS.
- **Temporal Distribution:** The source for the SDN 6-hour rainfall temporal distributions will be researched and added to the HCDDM.

The following topics will be investigated with the stakeholder group and researched as necessary to determine whether to implement proposed changes and to what extent. Implementation for these items is not part of the scope:

- **Climate Change/Extreme Events:** Rainfall depths for the 500-yr and 1000-yr events will be researched for possible inclusion in Section 500 to facilitate extreme event analysis per comments from the Division of Dam Safety.

3.1.6 Section 600 – Storm Runoff

The following updates will be made to Section 600:

- **Curve Number/Impervious Percent:** The curve number methodology presented in the HCDDM will be reviewed and updated to follow the 2018 Las Vegas Valley MPU, which will be modified to include additional land use categories that are more appropriate for detailed drainage studies. Impervious percent will also be reviewed and updated to better represent current development trends in Clark County and to achieve consistency between various tables and methods.
- **Green and Ampt:** The Green and Ampt loss method will be added to the HCDDM as being acceptable for use within the City of Mesquite and Town of Bunkerville. The methodology will be based on the method described in the Mohave County Drainage Design Manual. Relevant parameters will be reviewed in the Mohave County Manual and added to the HCDDM where appropriate.
- **Hydrologic Routing:** Routing methods will be evaluated to determine the applicability of various routing methods (e.g. Kinematic Wave, Muskingum, Muskingum Cunge, Modified Puls). Specific recommendations of when to use each method, if applicable, will be added to the HCDDM.

- Statistical Analysis: Statistical analysis guidelines will be updated to follow Guidelines for Determining Flood Flow Frequency, Bulletin 17C published by the USGS in May 2019.
- Storm Centering: A discussion of storm centering and its use in the design and evaluation of detention basins will be added to the HCDDM. Guidance will follow the approach described in the 2018 LVV MPU.

The following topics will be investigated with the stakeholder group and researched as necessary to determine whether to implement proposed changes and to what extent. Implementation for these items is not part of the scope:

- Soils: Soils data from NRCS will be published in tabular format in the appendix of Section 600. Missing soil groups will be assigned based on the approach used in the Las Vegas Valley MPU. Possible enhancements to the presentation and accessibility of soils data (e.g. for download or viewing through FloodView Advanced) will be addressed in a future task order.
- HEC-HMS: The possibility of allowing HEC-HMS will be explored. This includes providing applicable guidance on necessary adaptations, if any, for Clark County methods. The need for supporting files to make this transition easier will also be identified and could include a HEC-HMS template file, supporting spreadsheets to ensure consistency in model inputs, or a customized HEC-HMS stylesheet that creates a custom report with pertinent model information for reviews.
- Kinematic Wave Transform: The possibility of removing specific references to the Kinematic Wave transform method will be explored. The differences between this method and the SCS unit hydrograph transform will be investigated.
- Rational Method: Rational Method runoff coefficients (C) will be updated based on current literature. Based on the updated runoff coefficients, rational method results will also be reviewed to determine whether the 0.5 adjustment factor (K) is still appropriate.
- Time of Concentration: A sensitivity analysis of velocity coefficients will be carried out to determine whether additional velocity guidance is needed. A possible locked/validated Excel spreadsheet will be supplied to the District as an option to replace Standard Form 4.
- TR-55: The possibility of removing references to TR-55 will be explored as it is no longer supported and has been completely rewritten and replaced by WinTR-55. The capabilities of WinTR-55 will be examined to determine whether inclusion in the HCDDM is appropriate.

3.1.7 Section 700 – Open Channel

The following updates will be made to Section 700:

- Access Ramps: Access ramp requirements will be revised with new minimum dimensions for ramp and opening widths.

- Supercritical Flow Transitions: Subsection 706.2.1.1 and Figures 708 and 709 provide discussion on supercritical flow transitions. Example calculation will be updated for clarity in the HCDDM. The method for computing supercritical flow transitions is not proposed to be changed, just clarification added to existing criteria.
- Manning's Roughness: Table 702 will be expanded to include roughness values for additional channel linings. Existing roughness values, particularly those provided for cemented rubble (grouted riprap), will be reviewed and updated.
- Outlet Protection: An example illustrating the proper sizing of rip-rap outlet protection with respect to Froude number constraints will be added.
- Uniform Critical Flow Analysis: Clarification will be added to the HCDDM to define what is meant by "unstable conditions" for transitional flow ($0.86 < Fr < 1.13$) and why it is undesirable.

The following topics will be coordinated with District and subject matter expert(s) prior to making changes to the Manual. These topics also include implementation as part of the scope:

District and Subject Matter Expert Coordination

- Cutoff Walls: Additional clarification and explanation will be added to the HCDDM to address joint considerations for cutoff walls and the preferred method for connecting cutoff walls to channels.
- Structural – Joints: A 3-inch starter wall, rather than a joint at the base of a channel wall, will be added as a requirement in the HCDDM. Guidance for placement of longitudinal joints in wide channels will also be added.
- Structural – Channel Thickness: Maintenance equipment weight will be researched for impacts to channel invert section thicknesses.
- Structural – Concrete Mix Designs: Concrete mix designs will be reviewed based on the observations made by subject matter experts, research into other agency design guidelines, and District preferences. Recommendations for updated concrete mix design criteria will be provided.
- Structural – Reinforcement: A possible area of steel requirement will be explored with respect to using high strength reinforcement for panel and continuous reinforcement options.

District Coordination

- Multi-Use Channels: After review of Section 304.8, a new sub-section will be considered for Section 700 to address multi-use facilities and minimum safety requirements (e.g. fencing).
- Soil Cement: Soil Cement criteria with respect to code requirements, proportioning, testing and plating method will be updated per recommendations from the California Nevada Cement Association.
- Structural – Vehicular Access: Updated requirements from the Department of Environment and Sustainability (DES), formerly known as Department of Air Quality, will be reviewed to determine their impact, if any, on acceptable

materials for access roads. HCDDM criteria for vehicular access will be updated accordingly to define a minimum surface treatment standard.

- Vegetation Lining: The SNWA water smart program plant list will be added as a reference for acceptable vegetative channel linings.

The following topics will be investigated with the stakeholder group and researched as necessary to determine whether to implement proposed changes and to what extent. Implementation for these items is not part of the listed scope:

- Clogging Factors: Maintenance issues associated with chain link fences crossing tributary drainage paths will be investigated. If drainage paths are frequently crossed by fences, requirements for appropriate clogging factors will be included.
- Concrete Arch Culverts: A concrete arch culvert specification that includes a minimum reinforcement spacing to avoid cracking will be researched for possible inclusion in the HCDDM.
- Confluences: The USACE's Hydraulic Design of Flood Control Channels (EM-1110-2-1601) is referenced in Subsection 706 for channel confluences. Additional guidelines used by other agencies will be researched for possible inclusion in the HCDDM.
- Debris Bulking: Guidance on pier bulking will be researched for possible inclusion in the HCDDM. Possible standards may include 1-ft wider each side or double pier width (Maricopa County) or basing the bulking factor on flow conditions and upstream debris supply.
- Maximum Velocities: Maximum allowable velocities shown for earthen channels, gabion-lined channels, concrete channels and other linings will be reviewed to determine appropriate limits. Other channel linings (e.g. articulated concrete block, turf reinforcement) will be reviewed for possible inclusion in Tables 702 and 703. Guidance may be added for sacrificial concrete, larger aggregate, or other durability measures when velocities exceed a certain threshold.
- Measures when velocities exceed a certain threshold.

3.1.8 Section 800 – Storm Sewer Systems:

The following updates will be made to Section 800:

- Drop Manholes: Criteria for drop manholes will be added to the HCDDM, similar to DCSWCS 2.3.15.D
- Joint Sealants: Guidance for storm drain joints will be reviewed and updated to require rubber gaskets only. A reference to the new NDEP requirement to provide watertight joints on drop inlets for waterline separation <10-ft will be added to the HCDDM.
- Manholes: The reference to Clark County “Improvement Standards” for manhole standard drawings will be reviewed and updated to use the correct reference. The possibility of adding a requirement for a minimum 0.2-ft drop at

manholes will be explored. Manhole spacing requirements will be updated to reflect different criteria for RCB/RCA (manholes not needed at junctions).

- Manning's Roughness: Guidance regarding the applicability of Manning's n for RCP vs. RCB and pre-cast vs. cast-in-place concrete, as well as recommended values for C-900 will be added to Section 802.3.
- Material and Shape: References to RCA, water quality pipe, HDPE, cast-in-place concrete pipe, and other common materials will be added to the HCDDM. There will also be wording to suggest that other materials/shapes will be considered on a case-by-case basis.
- Minimum Cover: The minimum cover depth will be reviewed and additional guidance will be included in the HCDDM about where this should be measured from and how this is impacted by pipe material.
- Pipe/RCB Installation: General guidance regarding Pipe/RCB bedding, trench sections, geotechnical study considerations, pre-cast vs. cast-in-place boxes will be added to Section 803. Standard specifications will continue to be referenced.
- Sump Overflow: Additional criteria will be added for drop inlets in sump to perform emergency overflow analysis during a full clogging scenario.
- Utility Clearances: Clearance requirements will be reviewed for consistency with standards from other utilities and updated as needed. References to UDACS, DCSWCS, etc. will be added.

The following topics will be coordinated with District and subject matter expert(s) prior to making changes to the Manual These topics also include implementation as part of the scope:

- Confluence Angle: A recent UNLV study on ideal confluence angles for storm sewers will be reviewed and incorporated into the HCDDM. This subtask assumes that the UNLV study is complete and includes clear recommendations that CCRFCD has reviewed and approved for incorporation into the HCDDM.
- Losses: UNLV research on head loss at junctions will be reviewed to determine whether minor head loss equations should be updated. Loss equations will also be reviewed for consistency with commonly used software.

The following topics will be coordinated with District and possibly stakeholders prior to making changes to the Manual These topics also include implementation as part of the scope:

- Software: Specific guidance on the applicability of commonly used storm drain software will be included in the HCDDM with a disclaimer that engineers are ultimately responsible for ensuring that software is applied so that it meets District criteria. Software to be considered in the guidance includes WSPG, StormCAD, Hydraflow, SSA, and SWMM. A distinction will be drawn between culverts and storm drains with guidance for when culvert analysis is more appropriate than a storm drain analysis.

- Standard Form 6: Standard Form 6 will be updated to be more user/reviewer friendly. A downloadable Excel template will be prepared, and the Standard Form 6 example problem will be updated for clarity.
- Drop Inlet – Max Sizing/Min Spacing: Guidance for maximum drop inlet sizes and minimum drop inlet spacing (for drop inlets in series) will be standardized and added to the HCDDM. Standard spacing for nuisance inlets will also be reviewed for possible standardization across the valley.
- Cavitation: Cavitation guidance will be reviewed for possible inclusion in the HCDDM with a recommendation of when cavitation analysis should be performed.
- Charts and Tables: Additional charts and tables that may be beneficial to Section 800 will be investigated and recommended for inclusion in the HCDDM.
- Drop Inlet – Calculations/Clogging Factors: Drop inlet analysis methods and clogging factors will be reviewed and a standardized method will be recommended. Outdated methods that are no longer used or recommended (e.g. drop inlet curves) will be removed from the HCDDM.
- Local Entity Criteria: Local entity criteria relative to Section 800 will be reviewed for possible standardization within overall regional criteria. These include a request by City of North Las Vegas to allow HDPE pipes under certain conditions and a request by the City of Las Vegas to add minimum height criteria for arch culverts and associated stem walls.
- Slope: The minimum slope requirement will be reviewed to determine whether a steeper slope (0.4%) is more appropriate.
- Structural – Details: The possibility of adding a standard pipe penetration detail will be explored. This may be added to the District’s website in lieu of the HCDDM.
- Velocities: The minimum velocity requirement will be evaluated to determine if the assumption of 3 fps is enough to promote debris transportation in larger pipes. A tractive tension analysis will be explored as an alternative to minimum velocity criteria. The maximum velocity requirement will be reviewed to determine whether mitigation strategies including sacrificial concrete and/or concrete strength requirements should be added to the HCDDM.

3.1.9 Section 900 - Streets

The following updates will be made to Section 900:

- Street Freeboard: Standard criteria relative to the required “hump” height to provide flood protection for non-elevated driveways as described in Standard Form 2 will be added to Section 900 of the HCDDM.
- Transverse Flow Depth: The maximum allowable depth for transverse flow (1 ft vs. 2 ft) will be updated for consistency between Sections 300 & 1000 in the HCDDM.

The following topics will be investigated with the stakeholder group and researched as necessary to determine whether to implement proposed changes and to what extent. Implementation for these items may be included in this scope depending on direction from District and stakeholder group:

- Bubbler System: Bubbler systems are allowed by certain entities under specific circumstances, though generally prohibited by CCRFCD. The possibility of prescribing uniform bubbler system and associated bleeder line criteria will be explored.
- Finished Flood Elevations: Finished floor criteria will be reviewed to determine what exceptions, if any, should be made for garages, storage units, or for townhomes/apartments/attached units with short driveways where adjacent flows are minimal. Differing requirements for FFEs near SFHAs and drainage easements will also be reviewed for possible consolidation. The possibility of consolidating all finished floor guidance into one section will also be evaluated.
- Flow Splits: The possibility of providing standardized flow split criteria will be explored. References from Pima County and others will be reviewed for possible adoption or adaptation. A step by step procedure and/or sample problem will also be considered.
- Hinged Manhole Lids: Criteria regarding the appropriate use, placement, and orientation of hinged manhole lids will be reviewed for possible inclusion in the HCDDM.
- Minimum Street Slope: The minimum required longitudinal street slope of 0.4% will be reviewed to determine whether a distinction should be made between centerline slope and gutter slope and/or if the minimum requirement should be raised, particularly for residential streets.
- Residential Streets: The allowable flow depth in residential streets will be reviewed to determine whether depth should be contained in right-of-way or limited to top of curb and whether storm drain should be required when depths exceed the top of curb. The possibility of standardizing these criteria for the entire County will also be explored.
- Rural Streets: The possibility of granting exceptions to dry-lane criteria for rural roads will be explored.
- Street Capacity: Street capacity requirements will be reviewed to determine whether minor street capacity calculations should include the center turn lane. The possibility of removing the curb height flowline exception to street capacity criteria will also be explored.
- Street Functional Class: The possibility of specifying dry lane requirements according to the functional street class (e.g. Arterial, Major Collector, etc.) rather than ROW width will be explored.
- T-Intersections: Additional requirements for drainage design at T-intersections will be researched. Recommendations for new criteria will be made and could include consideration of the velocity head, energy grade line, erosion protection, energy dissipation, or other requirements.

- Wall Openings: CCPW requires a 50% clogging factor when designing block wall openings. They are requesting a minimum size to be specified (16-in x 48-in). These criteria will be reviewed for possible adoption as regional requirements in the HCDDM.

3.1.10 Section 1000 – Culverts and Bridges

The following updates will be made to Section 1000:

- Culvert Design Standards: Updates to culvert design standards implemented in Section 300 will be incorporated into Section 1000. Culvert design criteria from both sections will be consolidated. Criteria that states that culverts along regional alignments that cross roadways should be treated as bridges will be copied to the culvert design section.
- Headwater Criteria: Headwater criteria in Section 1002.4 will be reviewed and updated to be consistent with overtopping guidance in Section 1002.1.2 and Section 304.5. This task does not include time to develop new headwater criteria, just to add clarification for how it is applied and to be consistent between the three sections. Atkins will follow up on an additional comment on headwater criteria to get clarification.
- Manning's Roughness: Manning's roughness values presented in Table 1001 will be reviewed and updated to be consistent with Manning's roughness values in other sections. Criteria for sensitivity analyses will also be considered.
- Pier Bulking: Pier bulking will be researched, and standard criteria added to the HCDDM update.

The following topics will be investigated with the stakeholder group and researched as necessary to determine whether to implement proposed changes and to what extent. Implementation for these items may be included in this scope depending on direction from District and stakeholder group:

- Nomographs: The availability of nomographs for n-values of 0.013 and 0.015 will be researched for potential inclusion in the HCDDM. Nomographs for lateral calculations will be replaced.
- Riprap: Riprap erosion design at culvert crossings that allows safe passage of desert tortoise will be reviewed and considered for possible inclusion in Section 1000.
- Software: Culvert modeling guidance for commonly used culvert modeling software will be researched to determine whether it should be added to the HCDDM. Software to be researched includes HY-8, HEC-RAS, and Culvertmaster.
- Structural Design Criteria: The possibility of adding structural design criteria and structural details for constructability to Section 1000 will be explored. Criteria may include a requirement that construction joints are elevated above expected nuisance flow elevations (i.e. 3-inches) in cast-in-place structures.

3.1.11 Section 1100 – Additional Hydraulic Structures

The following updates will be made to Section 1100:

- Stepped Energy Dissipation: Guidance for stepped energy dissipators will be researched and added to Section 1100. Section 1100 guidance will complement stepped spillway guidance for RCC spillways to be added to Section 1200.
- Stilling Basins: Stilling basin design guidance will be updated to follow new guidance available from the US Bureau of Reclamation (USBR).

The following topics will be investigated with the stakeholder group and researched as necessary to determine whether to implement proposed changes and to what extent. Implementation for these items may be included in this scope depending on direction from District and stakeholder group:

- Structure Updates: USBR structures included in the current HCDDM will be updated to reflect current designs from USBR.
- Dissipation Structures: Additional guidance for energy dissipator design when range of Froude number/velocity is outside the recommended range for commonly used designs will be researched for possible inclusion in the HCDDM. Considerations for maintenance access by equipment (not just personnel) will also be recommended.
- HEC-14: Hydraulic Engineering Circular 14 (HEC-14), published in 2006, will be reviewed to determine what information might be able to be incorporated into Section 1100.

3.1.12 Section 1200 – Detention

The following updates will be made to Section 1200. Note any anticipated changes in policies or required design procedures should be presented to the stakeholder group for consideration prior to finalization of this section:

- Dam Safety/Emergency Action Plans (EAPs): Clarifications will be added to the Dam Safety section noting exceptions to the 20/20 rule and clear instructions for when a Dam Safety Permit is required. Guidance will be added to discourage development downstream of detention basin spillways and/or provide a clear downstream flow path during spillway operation. A discussion of EAPs will be added and include references to assist consultants with preparation of EAPs when designing detention basins.
- Debris Basins: Specific guidance relative to debris basins, including storage and maintenance access requirements will be added.
- Embankment Slopes: A description of factors that should be considered when designing interior embankment slopes will be added.
- Erosion/Armoring: A discussion will be included to help determine when detention basin side slopes (including embankments) should be lined/armored to prevent erosion.

- Water-level and Weather Monitoring Stations: A discussion of flood stage and weather monitoring stations will be added to the HCDDM that includes a reference to the District's website for additional information on station design details.
- Maintenance/Trash Racks: Maintenance responsibilities for detention basins will be clarified and maintenance and access considerations will be added to the trash rack subsection. A new or cleaner copy of Figure 1204 (Example Trash Rack) will be produced. Trash rack design guidance that considers the debris potential of the upstream watershed will be researched for possible inclusion.
- Multi-Use Detention Basins: ADA considerations for multi-use facilities will be researched for possible inclusion in the HCDDM.
- Root-free Zone: Guidance regarding the root-free zone on embankments will be researched and updated per comments from NDWR Division of Dam Safety.
- Sediment/Freeboard: Detention basin requirements with respect to sediment volume and freeboard will be investigated and standardized for various detention basin types. Compliance with NAC 535.240(5) will be reviewed.
- Sizing Requirements: Minimum clear water storage requirements for detention basins will be clarified, with references to Section 300 added where appropriate.
- Software: HEC-HMS will be added as allowable software per revisions to Section 600.
- Spillways: Spillway guidance will be expanded to include coefficient ranges for orifices and weirs, and standard guidelines and references for labyrinth weirs and stepped spillways will be added.
- Terminology: Detention basin terminology (low flow, principal spillway, auxiliary/emergency spillway, safely pass) will be clarified.
- Water Quality: Water quality design criteria will be updated for clarity. References to water quality design features will also be included and coordinated with reference technical memoranda and Section 1500 as necessary.

3.1.13 Section 1300 – Erosion and Sedimentation

The following updates will be made to Section 1300:

- Universal Soil Loss Equation (USLE): A working example of the application of the Universal Soil Loss Equation (USLE) will be added to the HCDDM that shows the correct use of the methodology and Figures 1303a, 1303b, 1303c, and 1303d. The figures will be updated for clarity.

The following topics will be investigated with the stakeholder group and researched as necessary to determine whether to implement proposed changes and to what extent. Implementation for these items is not part of the scope:

- Debris Control Structures and Basins: Other possible debris control measures typically used in other areas will be researched for possible inclusion in the HCDDM. The applicability of Tyrolean Weirs to conditions in Clark County will also be considered.

- Sediment Yield: The sediment yield section (1301.7.2) will be reviewed to identify clear guidance/specific criteria that could be added. Unnecessary material will be identified for possible removal (e.g. stochastic methods, physical process).

3.1.14 Section 1400 – Alluvial Fans

The following updates will be made to Section 1400:

- Methodology Examples: Example problems will be reworked for clarity and to follow revised alluvial fan guidance.

The following topics will be investigated with the stakeholder group and researched as necessary to determine whether to implement proposed changes and to what extent. Implementation for these items is not part of the scope:

- Alluvial Fans: More up-to-date alluvial fan analysis methods will be reviewed for possible inclusion in the HCDDM. This could include the use of FEMA FAN, two-dimensional models (FLO-2D, HEC-RAS 2D, or SRH-2D), or a combination of the two. The FRENCH method outlined in the current HCDDM will be reviewed to determine whether this guidance is still applicable or if it should be removed.

3.1.15 Section 1500 – Structural Best Management Practices

The following updates will be made to Section 1500:

- BMP Applicability: Section 1500 will be updated to clarify whether it applies to all impervious areas of a site or just parking stalls and drive aisles.
- BMP Flow Calculations: BMP flow calculations presented in Section 1502.3 will be compared with flow calculations shown in accompanying charts and updated for consistency.
- Landscape Swale: Criteria for landscape swales will be clarified to include clearer sizing guidance for tributary areas greater than 1 acre.

The following topics will be investigated with the District, subject matter experts, and possibly other relevant stakeholder groups to determine if additional research and/or implementation effort is needed and to what extent:

- LEED: A sub-section on LEED standards and credits summarizing the program, how the points are attained, how they are calculated, and possible drainage-related applications in Clark County.
- Low Impact Development: Low impact development requirements being requested by various entities will be reviewed to determine whether standardized LID requirements can/should be included in the HCDDM. New LID options and performance standards will also be reviewed to determine if updates to existing guidance are needed.
- MS4 Permit Requirements: Necessary additions to the HCDDM to meet MS4 permit requirements will be identified. These may include peak-urban runoff

discharge rates, site design BMP, source control BMPs, and treatment control BMPs. Any additional requirements associated with impervious area will contain criteria that distinguishes between new development and redevelopment.

- Oil Separators: The performance capability of various oil-water separators will be reviewed to determine whether a performance standard should be added to the HCDDM and what an appropriate standard might be.
- Parking Lot LIDs: The 1.0-acre maximum area for parking lot BMPs will be reviewed to determine whether exceptions should be made, or alternative criteria added for commercial warehouse sites.
- Water Quality Design Storm: Section 1502.3, Water Quality Design Storm, will be compared with the WEF Manual of Practice #23 document for standardization. The need for analyzing a 1-year storm event for the purpose of designing Structural BMPs will be reviewed for possible inclusion in the HCDDM.

3.1.16 Section 1600 – Local Entity Criteria:

CONSULTANT (ATKINS) will review Section 1600 with the expectation of removing this section from the updated HCDDM. Any content found in Section 1600 which has not been previously resolved during Task 3 will be discussed with the DISTRICT and appropriate local entity(ies) in an attempt to either remove the criteria or relocate into another section of the updated HCDDM. Additional effort needed to complete this subtask may be performed under subtask 3.1.18 as necessary.

3.1.17 General:

The following general updates will be made:

- Hyperlinks: Hyperlinked cross-references will be added to the HCDDM within each section's Table of Contents, and for figures, tables, charts, or other sections that are referenced throughout the HCDDM.
- NRS References: NRS References will be added as hyperlinks throughout the HCDDM.
- Reference Studies: The possibility of creating a digital archive for technical material cited or referenced by the HCDDM update will be discussed with District and implemented as necessary.

3.1.18 Technical Resolution

CONSULTANT (ATKINS) will compile a list of unresolved issues collected during Task 3 which require additional clarification, guidance and/or research prior to moving into Task 4: Document Preparation. CONSULTANT will coordinate project meetings with the DISTRICT and selected subject matter experts to resolve these issues. Subtask includes all coordination, research, and technical work necessary to complete Task 3 to begin preparation of a draft HCDDM.

TASK 4. DOCUMENT PREPARATION

4.1 Prepare Draft Document

A draft HCDDM will be prepared based on feedback obtained in Task 3.1. The content included in the draft HCDDM will consist of updates to material and topics already contained in the current HCDDM. Additional sections or topics to be included in the HCDDM will be covered under TASK 6 – Supplemental Services. All changes made will be logged in text and tabular formats to be included with the updated HCDDM. A Bluebeam session (or similar tool) for the draft document will be created and shared with key reviewers to organize and track comments in one central location.

Deliverable: Electronic version of draft HCDDM.

4.2 Solicit Stakeholder Comments on Draft Document

ATKINS will hold a review workshop that summarizes major comments received during the Bluebeam session and to gather any additional feedback from stakeholders on the proposed changes. For issues requiring feedback from the larger engineering community, the online feedback portal will be utilized as discussed in Task 2.3 and disseminated using communication channels discussed in Task 2.3.

4.3 Prepare Final Document

A final HCDDM will be prepared based on feedback obtained in Task 4.2. Hard copies of the final document will be provided to the DISTRICT along with electronic copies of the document and any technical appendices/backup data.

Deliverables:

- A log of changes made to the HCDDM as part of this update, in text and tabular formats.
- Electronic and 20 hard copies of final HCDDM for distribution
- All backup information in electronic format to the DISTRICT

TASK 5. PROJECT PRESENTATIONS AND TRAINING

5.1 DISTRICT Presentations

Upon completion of the project, CONSULTANT shall prepare for and present up to three (3) presentations to the DISTRICT's committees and Board of Directors for adoption. The following presentations are anticipated:

- Regional Flood Control District Citizens Advisory Committee (CAC)
- Regional Flood Control District Technical Advisory Committee (TAC)
- Regional Flood Control District Board of Directors (BOD)

5.2 Training Presentations

Upon completion of the project, CONSULTANT shall prepare for and present a minimum of three (3) half-day training presentations for the anticipated users of the HCDDM.

TASK 6. SUPPLEMENTAL SERVICES

Supplemental services may be performed to complete the update to the Hydrologic Criteria and Drainage Design Manual. Work will only be performed upon approval and the receipt of written authorization from the DISTRICT. Supplemental services may include the following tasks:

- Development of online calculators (e.g. rainfall, CN, lag-time, nomographs, etc.)
- Additional training sessions for anticipated HCDDM users as needed
- Preparation of 2D Modeling Guidance Manual
- Implementation of NOAA Atlas 14 rainfall
- Guidelines for additional return period storms (e.g. 100-year plus, 500-year) and/or storm durations
- Preparation of additional construction design details
- Additional training for Bluebeam (or similar tool)
- Any other tasks pertinent to the project as agreed upon by the CONSULTANT and DISTRICT

REVISED EXHIBIT C

PROJECT TIME SCHEDULE

Project Task	End Date
Notice to Proceed	August 15, 2019
Literature Review of Other Manuals (Task 2.1)	September 9, 2019
Gather and Compile Known Issues (Task 2.2)	September 30, 2019
Solicit Additional Stakeholder Input (Task 2.3)	November 25, 2019
Submit Summary Memorandum on Technical Review of Current HCDDM (Task 2.4)	January 13, 2020
Prepare Technical Revision (Task 3.1)	March 31, 2022
Submit Draft HCDDM (Task 4.1)	July 14, 2022
Solicit Stakeholder Comments on Draft HCDDM (Task 4.2)	Sept 8, 2022
Submit Final HCDDM (Task 4.3)	October 12, 2022
RFCD TAC, CAC, and Board Meetings (Task 5.1)	December 9, 2022
Training Presentations (Task 5.2)	March 9, 2023

REVISED EXHIBIT E
ESTIMATE COSTS BY TASKS

BASIC SERVICES

Task 1 – Project Management and Coordination	\$135,460
Task 2 – Data Collection	\$ 63,706
Task 3 – Technical Revisions	\$547,082
Task 4 – Document Preparation	\$ 125,253
Task 5 – Project Presentations and Training	<u>\$ 39,312</u>

SUBTOTAL – BASIC SERVICES **\$910,813**

Task 6 – Supplemental Services	\$ <u>64,187</u>
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TOTAL SERVICES **\$975,000**

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT: HOLLYWOOD SYSTEM, CENTENNIAL PARKWAY TO SPEEDWAY #2 DB
PETITIONER: DALE DAFFERN, P.E., DIRECTOR OF PUBLIC WORKS CITY OF NORTH LAS VEGAS
RECOMMENDATION OF PETITIONER: THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT RECEIVE A REPORT ON THE RECOMMENDATION FOR BEST BID FOR CONSTRUCTION OF THE HOLLYWOOD SYSTEM, CENTENNIAL PARKWAY TO SPEEDWAY #2 DB – NLV03L20

FISCAL IMPACT: None by this action. Funding provided as follows:

\$8,992,662 – Clark County Regional Flood Control District

BACKGROUND:

On April 27, 2021 six (6) bids were opened for the Hollywood System, Centennial Parkway to Speedway #2 DB project. The bids received ranged in cost from \$8,992,662 to \$12,713,654. The recommended best bid is to Harber Company, Inc., dba Mountain Cascade of Nevada in the amount of \$8,992,662 or 4% higher than the engineer's estimate of \$8,636,130 presented to the District Board in September 2020.

The Interlocal Contract dated September 10, 2020 between the District and City of North Las Vegas, allocates \$9,500,000 for the construction of this project. A Cash Flow projection, estimated construction schedule and a tabulation of bids including the Engineer's estimate are attached.

Respectfully submitted,



DALE DAFFERN, P.E.
Director of Public Works

TAC AGENDA ITEM # 08 Date: 07/29/2021	RFCD AGENDA ITEM # Date: 08/12/2021
CAC AGENDA ITEM # 08 Date: 08/02/2021	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 07/19/2021
HOLLYWOOD SYSTEM, CENNTENNIAL PARKWAY TO SPEEDWAY #2 DB AWARD OF BID FOR CONSTRUCTION – NLV03L20	
<p>On April 27, 2021, bids were open for Hollywood System, Centennial Parkway to Speedway #2 DB project. Six (6) bids were received ranging in cost from \$8,992,662 to \$12,713,654. The recommended best bid is to Harber Company, Inc., dba Mountain Cascade of Nevada in the amount of \$8,992,662, which is approximately 4% above the engineer's estimate of \$8,636,130 presented to the District Board in September 2020.</p> <p>The Interlocal Contract dated September 10, 2020 between the District and the City allocates \$9,500,000 for construction of this project.</p> <p>A cash flow projection, estimated construction schedule, and a tabulation of base bid are attached.</p>	
Staff Recommendation:	
Receive the report.	
Discussion by Technical Advisory Committee:	AGENDA #08 Date: 07/29/2021
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA #08 Date: 08/02/2021
Recommendation:	

Cash Flow Projection

Today's Date: 7/24/2021

Project #: NLV03L20

Project Name: Hollywood System, Centennial Parkway to Speedway #2 DB

Project Type: Storm Drain

ILC Amount: \$10,355,000

Milestone	Construction Schedule		
	Estimate	Revised	Actual
Award of Bid	January 6, 2021	6/16/2021	6/16/2021
CONS Start	February 6, 2021	8/20/2021	8/20/2021
CONS Complete	December 6, 2021	7/20/2022	7/20/2022
Project Duration	12 months	12 months	12 months

Billing Month	Original Estimate		Actual Drawdown		Variance		Revised Estimate	
	\$	%	\$	%	\$	%	\$	%
Feb-21	\$517,750	5%						
Mar-21	\$828,400	8%						
Apr-21	\$828,400	8%						
May-21	\$1,139,050	11%						
Jun-21	\$1,242,600	12%						
Jul-21	\$1,242,600	12%						
Aug-21	\$1,242,600	12%					\$517,750	5%
Sep-21	\$1,035,500	10%					\$828,400	8%
Oct-21	\$931,950	9%					\$828,400	8%
Nov-21	\$621,300	6%					\$1,139,050	11%
Dec-21	\$517,750	5%					\$1,242,600	12%
Jan-22	\$207,100	2%					\$1,242,600	12%
Feb-22							\$1,242,600	12%
Mar-22							\$1,035,500	10%
Apr-22							\$931,950	9%
May-22							\$621,300	6%
Jun-22							\$517,750	5%
Jul-22							\$207,100	2%
Total	\$10,355,000	100%					\$10,355,000	100%

BID ABSTRACT
CITY OF NORTH LAS VEGAS
HOLLYWOOD SYSTEM, CENTENNIAL TO SPEEDWAY #2 DETENTION BASIN PROJECT
CIP NO. 10407 - BID NO. 1606 - LABOR COMMISSION NO. PWP CL-2021-374
BID DATE: APRIL 26, 2021

ITEM	DESCRIPTION	ENGINEER'S ESTIMATE			MOUNTAIN CASCADE OF NEVADA			LAS VEGAS PAVING			TAB CONTRACTORS		
		UNIT	QTY	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	
104.01	Traffic Control	LS	1	150,000.00	\$ 150,000.00	\$ 110,000.00	\$ 110,000.00	\$ 110,000.00	\$ 110,000.00	\$ 223,200.00	\$ 223,200.00		
109.01	Construction conflicts and additional work	LS	1	200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00		
200.01	Mobilization and demobilization	LS	1	300,000.00	\$ 300,000.00	\$ 410,000.00	\$ 410,000.00	\$ 410,000.00	\$ 345,000.00	\$ 500,000.00	\$ 500,000.00		
201.01	Clearing and grubbing	LS	1	30,000.00	\$ 30,000.00	\$ 25,000.00	\$ 25,000.00	\$ 5,000.00	\$ 5,000.00	\$ 15,000.00	\$ 15,000.00		
202.01	Remove and replace existing tree	EA	1	3,500.00	\$ 3,500.00	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,500.00	\$ 1,800.00	\$ 1,800.00		
202.02	Remove and replace landscaping	LS	1	20,000.00	\$ 20,000.00	\$ 17,000.00	\$ 17,000.00	\$ 10,000.00	\$ 10,000.00	\$ 20,000.00	\$ 20,000.00		
202.03	Remove and dispose 8" PVC sanitary sewer	LF	363	60.00	\$ 21,780.00	\$ 17.00	\$ 6,171.00	\$ 80.00	\$ 29,040.00	\$ 70.00	\$ 25,410.00		
202.04	Remove and dispose 48" sanitary sewer manhole	EA	2	2,000.00	\$ 4,000.00	\$ 2,000.00	\$ 4,000.00	\$ 3,600.00	\$ 7,200.00	\$ 2,200.00	\$ 2,200.00		
202.05	Remove and replace sign	EA	3	900.00	\$ 2,700.00	\$ 500.00	\$ 1,500.00	\$ 120.00	\$ 360.00	\$ 430.00	\$ 1,290.00		
202.06	Remove and relocate communications pull box near speedway #2	LS	1	35,000.00	\$ 35,000.00	\$ 43,000.00	\$ 43,000.00	\$ 43,000.00	\$ 43,000.00	\$ 3,300.00	\$ 3,300.00		
202.07	NV Energy relocation work	LS	1	20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 42,000.00	\$ 42,000.00		
203.01	Speedway #1 access road modifications	LS	1	70,000.00	\$ 70,000.00	\$ 40,000.00	\$ 40,000.00	\$ 125,000.00	\$ 125,000.00	\$ 40,000.00	\$ 40,000.00		
203.02	Speedway #2 grading modifications, water quality berm, & gauges	LS	1	700,000.00	\$ 700,000.00	\$ 590,000.00	\$ 590,000.00	\$ 600,000.00	\$ 600,000.00	\$ 865,000.00	\$ 865,000.00		
203.03	Over-excavation	CY	1,000	40.00	\$ 40,000.00	\$ 25.00	\$ 25,000.00	\$ 32.00	\$ 32,000.00	\$ 62.00	\$ 62,000.00		
217.01	I-15 tunnel crossing	LF	363	3,400.00	\$ 1,234,200.00	\$ 3,450.00	\$ 1,252,350.00	\$ 4,300.00	\$ 1,560,900.00	\$ 4,000.00	\$ 1,452,000.00		
220.01	Shaft support and excavation for I-15 tunnel crossing	EA	2	250,000.00	\$ 500,000.00	\$ 52,000.00	\$ 104,000.00	\$ 57,000.00	\$ 114,000.00	\$ 65,000.00	\$ 130,000.00		
302.01	Type II aggregate base for roadway and surface restoration	CY	1,610	50.00	\$ 80,500.00	\$ 37.00	\$ 59,570.00	\$ 30.00	\$ 48,300.00	\$ 60.00	\$ 96,600.00		
402.01	Plantmix bituminous surface	TON	1,450	130.00	\$ 188,500.00	\$ 125.00	\$ 181,250.00	\$ 119.00	\$ 172,550.00	\$ 180.00	\$ 261,000.00		
402.02	Plantmix bituminous surface - 2" mill and overlay	SY	1,780	40.00	\$ 71,200.00	\$ 46.00	\$ 81,880.00	\$ 52.00	\$ 92,560.00	\$ 50.00	\$ 89,000.00		
502.01	Cast-in-place concrete transition Structure	LS	1	20,000.00	\$ 20,000.00	\$ 23,000.00	\$ 23,000.00	\$ 42,000.00	\$ 42,000.00	\$ 72,000.00	\$ 72,000.00		
502.02	Speedway #2 outlet structure	LS	1	140,000.00	\$ 140,000.00	\$ 175,000.00	\$ 175,000.00	\$ 136,000.00	\$ 136,000.00	\$ 182,000.00	\$ 182,000.00		
502.03	Flood control monitoring station	LS	1	100,000.00	\$ 100,000.00	\$ 125,000.00	\$ 125,000.00	\$ 130,000.00	\$ 130,000.00	\$ 85,000.00	\$ 85,000.00		
603.01	84" RCP Class III	LF	2,087	1,000.00	\$ 2,087,000.00	\$ 1,110.00	\$ 2,316,570.00	\$ 1,450.00	\$ 3,026,150.00	\$ 1,280.00	\$ 2,671,360.00		
603.02	78" RCP Class III	LF	2,673	950.00	\$ 2,539,350.00	\$ 927.00	\$ 2,477,871.00	\$ 1,085.00	\$ 2,900,205.00	\$ 970.00	\$ 2,592,810.00		
609.01	Storm drain manhole	EA	16	20,000.00	\$ 320,000.00	\$ 28,000.00	\$ 448,000.00	\$ 58,000.00	\$ 928,000.00	\$ 57,000.00	\$ 912,000.00		
622.01	Construction surveying	LS	1	95,000.00	\$ 95,000.00	\$ 81,000.00	\$ 81,000.00	\$ 84,000.00	\$ 84,000.00	\$ 150,000.00	\$ 150,000.00		
630.01	Relocate sanitary sewer	LS	1	100,000.00	\$ 100,000.00	\$ 82,000.00	\$ 82,000.00	\$ 134,000.00	\$ 134,000.00	\$ 135,000.00	\$ 135,000.00		
637.01	Dust control	LS	1	100,000.00	\$ 100,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 55,000.00	\$ 144,000.00	\$ 144,000.00		
637.02	NPDES discharge permit	LS	1	30,000.00	\$ 30,000.00	\$ 35,000.00	\$ 35,000.00	\$ 10,000.00	\$ 10,000.00	\$ 400.00	\$ 400.00		
				TOTAL BASE BID	\$ 9,402,730.00	\$ 8,992,682.00	\$ 8,992,682.00	\$ 10,981,765.00	\$ 10,981,765.00	\$ 10,974,370.00	\$ 10,974,370.00		

Subcontractors:	Item	Description	Supplier
All Other Work	Concrete Structures	Mountain Cascade of Nevada	Sierra Ready Mix
Asphalt Paving	Asphalt	Ross Co. Construction	Wells Cargo
Jack & Bore	Jack & Bore	Wells Cargo	Rinker Materials
Electrical	Electrical	Pacific Boring	Rinker Materials
Surveying	Surveying	Mp4 Construction	PipJacking Trenchless
Manholes & DJ	Manholes & DJ	Jemison Surveying & Services	Trinity Land Surveying
Materials Testing	Materials Testing		Olson Precast
Traffic Control	Traffic Control		IOC Southwest
Shoring	Shoring		Roadsafe
Concrete	Concrete	Galportland	
Asphalt	Asphalt	Wells Cargo	
Reinforced Concrete Pipe	Reinforced Concrete Pipe	Rinker Materials	
Reinforced Concrete Jack Pipe	Reinforced Concrete Jack Pipe	Rinker Materials	
Concrete #2	Concrete #2	Nevada Ready Mix	

A. Item 202.02 bidder submitted a total price of \$35,323, the correct amount is \$32,323.
 B. Base Bid Total, bidder submitted a total price of \$11,171,777 the correct amount is \$11,968,777.

BID ABSTRACT
CITY OF NORTH LAS VEGAS
HOLLYWOOD SYSTEM, CENTENNIAL TO SPEEDWAY #2 DETENTION BASIN PROJECT
CIP NO. 10407 - BID NO. 1606 - LABOR COMMISSION NO. PWP CL-2021-374
BID DATE: APRIL 26, 2021

ITEM	DESCRIPTION	ENGINEER'S ESTIMATE			CONTRI CONSTRUCTION			WILLIAM CHARLES			GRANITE CONSTRUCTION				
		UNIT	QTY	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE			
104.01	Traffic Control	LS	1	150,000.00		156,598.00		134,450.00		134,450.00		110,500.00		110,500.00	
109.01	Construction conflicts and additional work	LS	1	200,000.00		200,000.00		200,000.00		200,000.00		200,000.00		200,000.00	
200.01	Mobilization and demobilization	LS	1	500,000.00		525,000.00		525,000.00		525,000.00		525,000.00		525,000.00	
201.01	Clearing and grubbing	LS	1	30,000.00		30,000.00		18,096.00		18,096.00		87,905.00		87,905.00	
202.01	Remove and replace existing tree	EA	1	3,500.00		3,500.00		2,944.00		2,944.00		1,000.00		1,000.00	
202.02	Remove and replace landscaping	LS	1	20,000.00		20,000.00		32,323.00		32,323.00		10,000.00		10,000.00	
202.03	Remove and replace 8" PVC sanitary sewer	LF	363	60.00		21,780.00		90.00		32,670.00		28.00		10,184.00	
202.04	Remove and replace 48" sanitary sewer manhole	EA	2	2,000.00		4,000.00		2,662.00		5,324.00		1,061.00		2,122.00	
202.05	Remove and replace sign	EA	3	900.00		2,700.00		430.00		1,290.00		365.00		1,095.00	
202.06	Remove and relocate communications pull box near speedway #2	LS	1	35,000.00		35,000.00		46,379.00		46,379.00		39,390.00		39,390.00	
202.07	NV Energy relocation work	LS	1	20,000.00		20,000.00		21,494.00		21,494.00		18,255.00		18,255.00	
203.01	Speedway #1 access road modifications	LS	1	70,000.00		70,000.00		36,690.00		36,690.00		117,400.00		117,400.00	
203.02	Speedway #2 grading modifications, water quality berm, & gauges	LS	1	700,000.00		700,000.00		633,352.00		633,352.00		936,350.00		936,350.00	
203.03	Over-excavation	CY	1,000	40.00		40,000.00		63.00		63,000.00		1.00		1,000.00	
217.01	I-15 tunnel crossing	LF	363	3,400.00		1,234,200.00		4,056.00		1,472,328.00		3,381.00		1,227,303.00	
220.01	Shaft support and excavation for I-15 tunnel crossing	EA	2	250,000.00		500,000.00		163,828.00		327,656.00		348,850.00		697,700.00	
302.01	Type II aggregate base for roadway and surface restoration	CY	1,610	50.00		80,500.00		52.00		83,720.00		65.20		104,972.00	
402.01	Plantmix bituminous surface	TON	1,450	130.00		188,500.00		143.00		207,350.00		108.50		157,325.00	
402.02	Plantmix bituminous surface - 2" mill and overlay	SY	1,780	40.00		71,200.00		30.00		53,400.00		24.30		43,254.00	
502.01	Cast-in-place concrete transition Structure	LS	1	20,000.00		20,000.00		69,141.00		69,141.00		56,825.00		56,825.00	
502.02	Speedway #2 outlet structure	LS	1	140,000.00		140,000.00		145,743.00		145,743.00		125,800.00		125,800.00	
502.03	Flood control monitoring station	LS	1	100,000.00		100,000.00		119,892.00		119,892.00		108,200.00		108,200.00	
603.01	84" RCP Class III	LF	2,087	1,000.00		2,087,000.00		1,223.00		2,552,401.00		1,210.00		2,525,270.00	
603.02	78" RCP Class III	LF	2,673	950.00		2,539,350.00		1,113.00		2,975,049.00		1,102.00		2,945,646.00	
609.01	Storm drain manhole	EA	16	20,000.00		320,000.00		68,541.00		1,096,656.00		54,095.00		865,520.00	
622.01	Construction surveying	LS	1	95,000.00		95,000.00		110,005.00		110,005.00		54,850.00		54,850.00	
630.01	Relocate sanitary sewer	LS	1	100,000.00		100,000.00		111,486.00		111,486.00		65,395.00		65,395.00	
637.01	Dust control	LS	1	100,000.00		100,000.00		42,764.00		42,764.00		112,700.00		112,700.00	
637.02	NPDES discharge permit	LS	1	30,000.00		30,000.00		26,026.00		26,026.00		39,000.00		39,000.00	
				TOTAL BASE BID			\$ 9,402,730.00			\$ 11,168,777.00			\$ 11,238,891.00		

Subcontractors:	Contri Construction	William Charles	Granite Construction
Concrete Structures			Granite Construction
Asphalt Paving	Wells Cargo		Wells Cargo
Jack & Bore	Pacific Boring		Pipe/Jacking Trenchless
Electrical			
Surveying			
Manholes & DJ	Olson Precast	Olson Precast	Olson Precast
Materials Testing			
Traffic Control			
Shoring			Keller North America
Concrete	Sierra Ready Mix	Sierra Ready Mix	Nevada Ready Mix
Asphalt	Wells Cargo	Wells Cargo	Wells Cargo
Reinforced Concrete Pipe	Rinker Materials	Rinker Materials	Rinker Materials
Reinforced Concrete Jack Pipe	Rinker Materials	Rinker Materials	Rinker Materials
Concrete #2			

Suppliers:
 Sierra Ready Mix
 Wells Cargo
 Rinker Materials
 Rinker Materials
 Concrete #2

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

SUNSET PARK – DUCK CREEK WASH TO EASTERN AVENUE

PETITIONER:

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR DESIGN FOR SUNSET PARK – DUCK CREEK WASH TO EASTERN AVENUE - CLA14X21 (FOR POSSIBLE ACTION)

FISCAL IMPACT:

	<u>CURRENT</u>
Design Engineering	\$ 1,600,000.00
Entity Design Labor	\$ 30,000.00
Total ILC Value	\$ 1,630,000.00

BACKGROUND:

Sunset Park – Duck Creek Wash to Eastern Avenue (DCSP 0000, 0115) is identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in fiscal year 2021-2022. This project includes 12’ X 5’ reinforced concrete box storm drain in Sunset Road from Duck Creek Wash to Tomiyasu Lane and 12’ x 5’ reinforced concrete box storm drain extending southwesterly through Sunset Park from Sunset Road to Eastern Avenue.

Respectfully submitted,

TAC AGENDA ITEM # 09a Date: 07.29.2021	RFCD AGENDA ITEM # Date: 08.12.2021
CAC AGENDA ITEM # 09a Date: 08.02.2021	


DENIS CEDERBURG
Director of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 07/19/2021

SUNSET PARK – DUCK CREEK WASH TO EASTERN AVENUE
INTERLOCAL CONTRACT – CLA14X21

Clark County has submitted a request to approve an interlocal contract for design engineering and entity design labor costs in the amount of \$1,630,000 for the Sunset Park – Duck Creek Wash to Eastern Avenue project.

Sunset Park – Duck Creek Wash to Eastern Avenue (DCSP 0000, 0115) is identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in fiscal year 2021-2022. This project includes 12’ X 5’ reinforced concrete box storm drain in Sunset Road from Duck Creek Wash to Tomiyasu Lane and 12’ x 5’ reinforced concrete box storm drain extending southwesterly through Sunset Park from Sunset Road to Eastern Avenue.

District funding will be provided as follows:

Design Engineering	\$1,600,000
Entity Design Labor	\$ 30,000
Total ILC Value	\$1,630,000

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
#09a Date: 07/29/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#09a Date: 08/02/2021

Recommendation:

**INTERLOCAL CONTRACT FOR
SUNSET PARK – DUCK CREEK WASH TO EASTERN 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 No’s DCSP 0000 and 0115, 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 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 design engineering and entity design labor costs of improvements associated with the Sunset Park – Duck Creek Wash to Eastern Avenue. The basic improvements shall consist of a 12’ x 5’ reinforced concrete box storm drain. 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. Design engineering in an amount not to exceed \$1,600,000.00.
2. Entity Design Labor in an amount not to exceed \$30,000.00.
3. The total cost of this CONTRACT shall not exceed \$1,630,000.00, which includes all the items described in the paragraphs above.
4. 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.
5. 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 comply with the Local Purchasing Act, Chapter 332, and Public Works Projects, Chapter 338 of the Nevada Revised Statutes.
3. 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.
4. The COUNTY will require appropriate financial security for the construction of the Project.
5. 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.
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 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 COUNTY. 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 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
10. 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.
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 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.
13. Any costs found to be improperly allocated to the PROJECT will be refunded by the COUNTY to the DISTRICT.

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 CONTRACT after thirty (30) days notice.

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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.

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

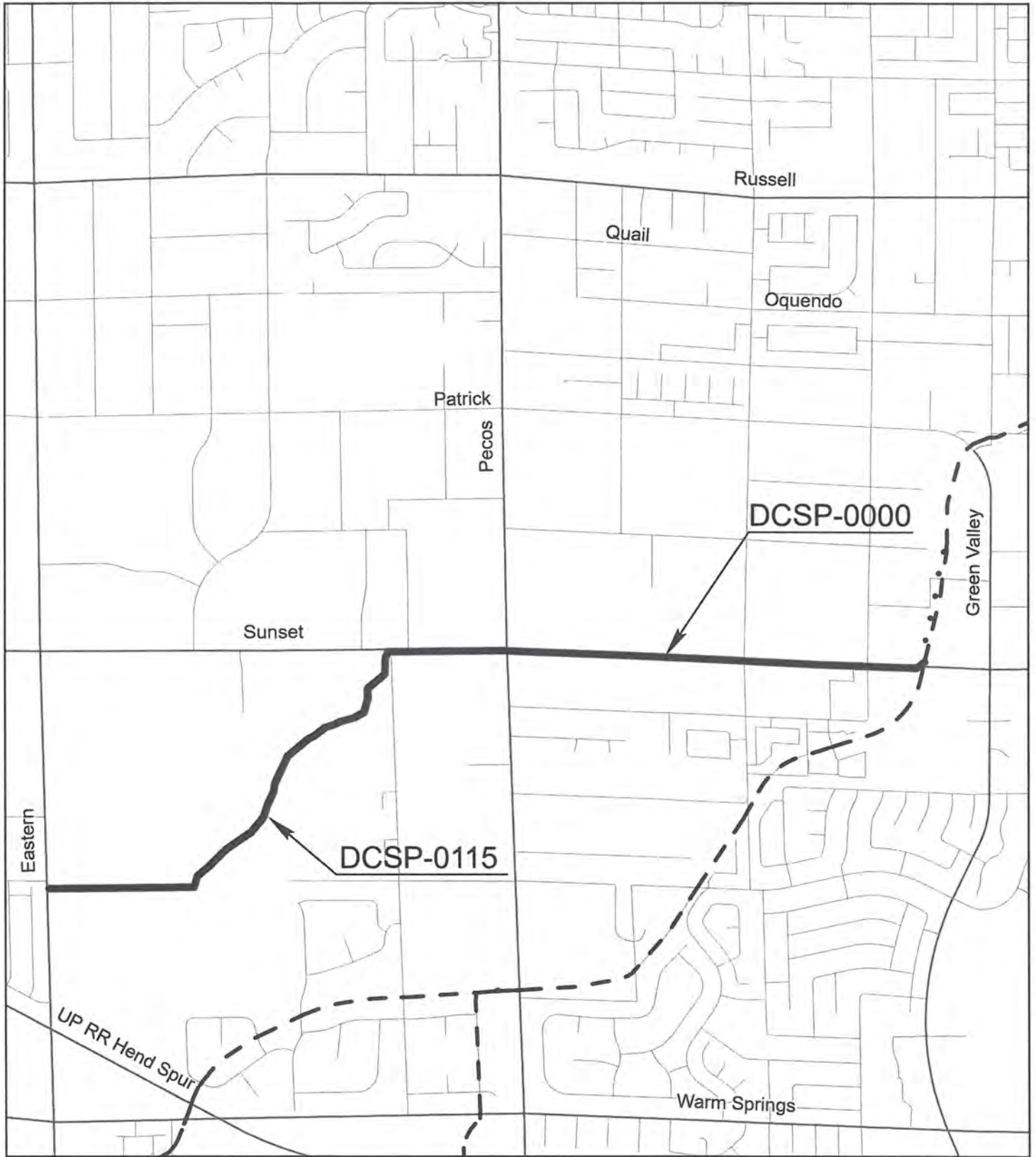
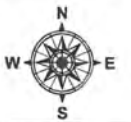


Exhibit A



Legend

- Proposed
- Existing
- Future

	Project Number: CLA14X21	CLARK COUNTY PUBLIC WORKS
	Sunset Park - Duck Creek Wash to Eastern Avenue	SCALE: NOT TO SCALE
		DATE: 07-20-2021
		SHEET NUMBER: 1 OF 1

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

FLAMINGO, CIMARRON BRANCH – RUSSELL ROAD TO PATRICK LANE

PETITIONER:

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR DESIGN FOR FLAMINGO, CIMARRON BRANCH – RUSSELL ROAD TO PATRICK LANE – CLA01F21(FOR POSSIBLE ACTION)

FISCAL IMPACT:

	<u>CURRENT</u>
Design Engineering	\$ 500,000.00
Entity Design Labor	\$ 10,000.00
CLOMR/LOMR	\$ 10,000.00
Total ILC Value	\$ 520,000.00

BACKGROUND:

Flamingo – Cimarron Branch (FLCM 0003) is identified in the Regional Flood Control District's Ten-Year Construction Program with design scheduled to begin in fiscal year 2021-2022. This project includes 84" diameter reinforced concrete pipe storm drain on the west side of Cimarron Road from Russell Road to Patrick Lane.

Respectfully submitted,

TAC AGENDA ITEM # 09b Date: 07.29.2021	RFCD AGENDA ITEM # Date: 08.12.2021
CAC AGENDA ITEM # 09b Date: 08.02.2021	


DENIS CEDERBURG
Director of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 07/19/2021

FLAMINGO, CIMARRON BRANCH – RUSSELL ROAD TO PATRICK LANE
INTERLOCAL CONTRACT – CLA01F21

Clark County has submitted a request to approve an interlocal contract for design engineering and entity design labor costs in the amount of \$520,000 for the Flamingo, Cimarron Branch – Russell Road to Patrick Lane project.

Flamingo, Cimarron Branch – Russell Road to Patrick Lane (FLCM 0003) is identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in fiscal year 2021-2022. This project includes 84” diameter reinforced concrete pipe storm drain on the west side of Cimarron Road from Russell Road to Patrick Lane.

District funding will be provided as follows:

Design Engineering	\$500,000
Entity Design Labor	\$ 10,000
CLOMR/LOMR	\$ 10,000
Total ILC Value	\$520,000

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
#09b Date: 07/29/2021

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#09b Date: 08/02/2021

Recommendation:

**INTERLOCAL CONTRACT FOR
FLAMINGO, CIMARRON BRANCH – RUSSELL ROAD TO PATRICK LANE**

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 No FLCM 0003, 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 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 design engineering, right-of-way and entity design labor cost of improvements associated with the Flamingo, Cimarron Branch – Russell Road to Patrick Lane. The basic improvements shall consist of an 84” diameter reinforced concrete pipe storm drain on the west side of Cimarron Road from Russell Road to Patrick Lane. 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. Design engineering in an amount not to exceed \$500,000.00.
2. Entity Design Labor in an amount not to exceed \$10,000.00.
3. CLOMR/LOMR in an amount not to exceed \$10,000.00.
4. The total cost of this CONTRACT shall not exceed \$520,000.00, 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 comply with the Local Purchasing Act, Chapter 332, and Public Works Projects, Chapter 338 of the Nevada Revised Statutes.
3. 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.
4. The COUNTY will require appropriate financial security for the construction of the Project.
5. 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.
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 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 COUNTY. 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 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
10. 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.
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 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.
13. Any costs found to be improperly allocated to the PROJECT will be refunded by the COUNTY to the DISTRICT.

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 CONTRACT after thirty (30) days' notice.

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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.

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

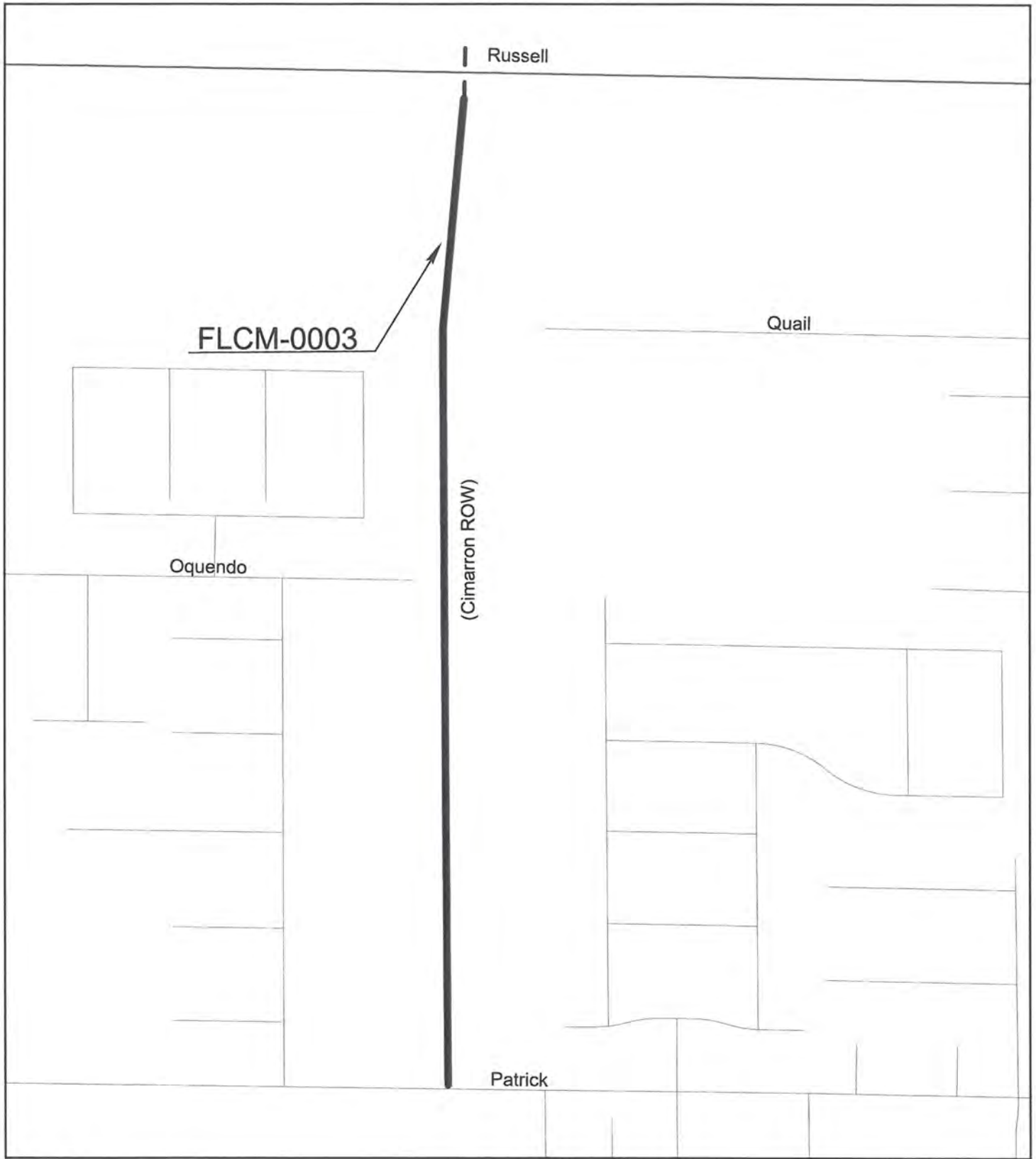
By: _____
DEBRA MARCH, Chair

Attest:

DEANNA HUGHES
Secretary to the Board

Approved as to Form:

CHRISTOPHER FIGGINS
RFCD Attorney



Legend




-  Proposed
-  Existing
-  Future

Exhibit A



Project Number: CLA01F21

Flamingo, Cimarron Branch - Russell Road to Patrick Lane

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 07-20-2021

SHEET NUMBER: 1 OF 1



10. **Comments By the General Public**

A period devoted to comments by the general public about matters relevant to the Regional Flood Control District Citizens Advisory Committee jurisdiction will be held. No vote may be taken on a matter not listed on the posted agenda. Comments will be limited to three minutes. Please step up to the speaker's podium, clearly state your name and address and please **spell** your last name for the record. If any member of the Regional Flood Control District Citizens Advisory Committee wishes to extend the length of a presentation, this will be done by the Chairman or the Regional Flood Control District Citizens Advisory Committee by majority vote. All comments by speakers should be relevant to the Regional Flood Control District Citizens Advisory Committee action and jurisdiction.