

NOTICE OF PUBLIC MEETING

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT CITIZENS ADVISORY COMMITTEE

FEBRUARY 1, 2021 3:00 P.M.

This is a period devoted to comments by the general public about items on this agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026 and 029 have extended Emergency Directive 006 until an end to the emergency is declared. Pursuant to Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Clark County Regional Flood Control District Citizens Advisory Committee on February 1, 2021.

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

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

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

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

Regional Flood Control District Website www.regionalflood.org

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

By: <u>Jacqueline Ramirez</u>

1. Comments By the General Public

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



AGENDA CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT CITIZENS ADVISORY COMMITTEE FEBRUARY 1, 2021 3:00 P.M.

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

I. Call to Order

1. Comments By the General Public

This is a period devoted to comments by the general public about items on this agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026 and 029 have extended Emergency Directive 006 until an end to the emergency is declared. Pursuant to Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Clark County Regional Flood Control District Citizens Advisory Committee on February 1, 2021.

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

- 2. Action to approve the agenda with deletion of any items (For possible action)
- 3. Action to approve the minutes of the January 4, 2021 meeting (For possible action)

Regional Flood Control District Citizens Advisory Committee Agenda February 1, 2021 Page 2

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 the second amendment to the professional services agreement with ICF Jones & Stokes, Inc., to extend the project completion date for the future development of a Regional In-Lieu Fee Mitigation Program for future flood control Master Plan projects (*For possible action*)
- 7. Action to approve and authorize the General Manager to sign the first amendment to the agreement for professional services between Arcadis US, Inc. and the District to fund the development of site-specific criteria for selenium in the Las Vegas Wash (For possible action)
- 8. Action to adopt the flood control Master Plan Update for the Muddy River and Tributaries (For possible action)

III. Design and Construction

- 9. Action to approve the supplemental interlocal contracts for construction to extend the project completion date for the following projects (*For possible action*):
 - a. First Supplemental: Pittman Pabco Boulder Highway Crossing City of Henderson
 - b. Second Supplemental: LVW Moccasin, Skye Canyon Park to Upper LVW City of Las Vegas
 - c. Second Supplemental: Flamingo Boulder Highway North Boulder Hwy, Sahara to Charleston City of Las Vegas
- 10. Action to approve the second supplemental interlocal contract for design to increase funding and add a line item for design engineering for Carey-Lake Mead Detention Basin Outfall Modification City of North Las Vegas (*For possible action*)
- 11. Action to approve the second supplemental interlocal contract for design to increase funding and add a line item for right-of-way acquisition for Town Wash Mesa Boulevard, El Dorado to Town Wash City of Mesquite (For possible action)

Regional Flood Control District Citizens Advisory Committee Agenda February 1, 2021 Page 3

- Action to approve the fourth supplemental interlocal contract for construction to decrease funding for Centennial Parkway Channel West – US95, CC215 to Grand Teton and US95 Crossing at Kyle Canyon Road – City of Las Vegas (For possible action)
- 13. Action to approve the second supplemental interlocal contract for construction to increase funding and add a line item for entity construction management labor costs for Hemenway System, Phase IIB Improvements City of Boulder City (For possible action)

IV. Other Items

- 14. Action to approve the third of four renewal options for the professional services contract with Robertson Partners for the 2021 Flood Safety Advertising Campaign; or take action as deemed appropriate (*For possible action*)
- 15. Discuss the Citizens Advisory Committee tour of District facilities and take action as deemed appropriate (For possible action)

16. Comments By the General Public

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

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

MINUTES CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT CITIZENS ADVISORY COMMITTEE JANUARY 4, 2021

JANUARY 4, 2021 3:00 P.M.

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

MEETING NOTICES

This is a period devoted to comments by the general public about items on this agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016, 018, 021, 026 and 029 have extended Emergency Directive 006 until an end to the emergency is declared. Pursuant to Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Clark County Regional Flood Control District Citizens Advisory Committee on January 4, 2021.

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

The meeting of the Citizens Advisory Committee was available to livestream at the following link:

https://www.regionalflood.org/programs-services/meetings-and-agendas/meeting-live-stream.

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

CALL TO ORDER:

Mr. Bill Starmer, Vice-Chair, City of Las Vegas, called the meeting to order at 3:01 p.m., through the virtual hosted meeting on https://www.regionalflood.org/programs-services/meetings-and-agendas/meeting-live-stream with the following members present:

MEMBERS PRESENT: Ron Newell, Chair, Clark County

Bill Starmer, Vice-Chair, City of Las Vegas

James Houts, City of Boulder City Harshal Desai, City of Henderson Jim Jordano, City of Henderson Brian Wilson, City of Las Vegas

MEMBERS ABSENT: Norman Ashford, City of Mesquite

Karina Barragan, City of North Las Vegas

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

Erin Neff, Public Information Manager

John Tennert, Environmental Mitigation Manager

Abigail Mayrena, Principal Civil Engineer Brian Rowley, Principal Civil Engineer Debra Yamachika, Senior Civil Engineer

Deanna Hughes, Administrative Services Administrator

Michael Todd, RFCD Systems Administrator Jessica Butte, Fiscal Services Administrator Tammy McMahan, Office Services Manager Jacqueline Ramirez, Senior Office Specialist

INTERESTED PARTIES:

I. Call to Order

Mr. Bill Starmer, Vice-Chair, City of Las Vegas, called the meeting to order at 3:01 p.m., through the virtual hosted meeting on https://www.regionalflood.org/programs-services/meetings-and-agendas/meeting-live-stream.

Mr. Parrish informed the committee that Commissioner Larry Brown has reached his term limit as Clark County Commissioner and, therefore, no longer serves on the RFCD Board of Directors as of January 5, 2021. He expressed that Commissioner Brown's service as Chairman of the Board for more than 20 years has been greatly appreciated. According to RFCD Policies and Procedures, Commissioner Brown's appointee, Mr. Larry Schultz, is no longer a current member of the Citizens Advisory Committee and, as a result, is not present at this meeting. Mr. Schultz may follow up with Commissioner Brown's replacement to

request reappointment. Mr. Parrish was appreciative of Mr. Schultz for his service and engagement and appreciated all he has done for the committee. Similarly, Commissioner Jim Gibson chose to leave the RFCD Board to work on other boards and commissions and a replacement has been named by the Clark County Commission for him as well. As a result, Mr. Ed Uehling is no longer a current member of the committee. Mr. Parrish expressed thanks for Mr. Uehling's involvement and engagement on the committee.

Mr. Figgins advised the committee members of the importance to remain in attendance until the end of the meeting for the purpose of quorum.

1. Comments By the General Public

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

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

Staff recommends approval.

Mr. Starmer moved to approve the agenda.

5 AYES - 0 NAYS Motion Carried

3. Action to approve the minutes of the November 30, 2020 meeting (For possible action)

Staff recommends approval.

Mr. Desai moved to approve the minutes.

5 AYES – 0 NAYS Motion Carried

II. Administration

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

Mr. Parrish stated the Sales Tax Revenue Report was featured in the item's backup. Budgeted sales tax for October 2020 was \$8,687,995.65 with actual sales tax

receipts coming in at \$8,920,777.72, which was \$232,782.07 or 2.68% above budget. The first quarter of the fiscal year brought in \$34,481,396.55, which is \$344,764.90 or 1.01% above budget. Mr. Parrish further stated that RFCD receipts are coming in at or above estimates and doing well considering the current state of the economy.

Staff recommends approval.

Mr. Jordano 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)

Mr. Parrish explained that the amendments involve fiscal impacts detailed in this agenda.

Staff recommends approval.

Mr. Starmer moved to follow staff recommendation.

5 AYES - 0 NAYS Motion Carried

6. Receive the quarterly project status reports reporting period: August 2020 through October 2020

Mr. Parrish stated the report was located in the agenda backup and opened the floor for discussion. There was none.

No action required.

7. Action to adopt the amendments to the Operations and Maintenance Manual – 2021 update or take action deemed appropriate (For possible action)

Mr. Parrish related that staff was proposing a few changes to the manual. The first revision adds language to Chapter 4 requiring entities to include on the invoice a description of work items completed and related ID miles. The second revision adds language to the interlocal contract template, allowing it to be executed in multiple

counterparts and revises the signature line to reference "District Attorney" or "Legal Counsel Name." This was identical language approved by this committee a few months ago for the Policy and Procedures Manual.

Staff recommends approval.

Mr. Desai moved to follow staff recommendation.

5 AYES – 0 NAYS Motion Carried

III. Design and Construction

8. Action to approve the first supplemental interlocal contract for design to increase funding for Searchlight West – State Highway 164 – Clark County (For possible action)

Mr. Parrish stated this was a supplement to the design of the interlocal contract with a fiscal impact of \$240,500.00. The additional funds are needed to pay for a realignment of the facility. It was determined during design that construction costs would be reduced if the project design was revised to follow a different alignment.

Mr. Jordano inquired as to the name of the project consultant. Mr. Parrish replied that Jacobs was serving in this capacity.

Staff recommends approval.

Mr. Jordano moved to follow staff recommendation.

5 AYES – 0 NAYS Motion Carried

9. Action to approve the first supplemental interlocal contract for construction to increase funding for Flamingo – Boulder Highway North, Charleston – Boulder Hwy to Maryland Pkwy and Maryland Pkwy System – City of Las Vegas (For possible action)

Mr. Parrish stated this was a supplement to the construction contract with a fiscal impact of \$8,360,160. Construction funding was approved May 2020, and two outside funding sources were identified as the Regional Transportation Commission of Southern Nevada and the Las Vegas Valley Water District. However, due to the

pandemic and current economic conditions, the two agencies have eliminated their funding allocations and removed their work. This has resulted in RFCD needing to pay for more portions of the project.

Mr. Starmer inquired whether sufficient funds were available. Mr. Parrish confirmed that funds were available.

Staff recommends approval.

Mr. Starmer moved to follow staff recommendation.

4 AYES – 0 NAYS – 1 Abstention (Mr. Desai) Motion Carried

10. Comments By the General Public

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

ADJOURNMENT

The meeting adjourned at 3:17 p.m.

Respectfully submitted,

Steven C. Parrish, P.E., General Manager/Chief Engineer William Starmer, Vice-Chair

Attest	,	2021

Deanna Hughes, Board Secretary

/jr

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CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AGENDA ITEM

SUBJECT:

FINANCIAL REPORTS – DECEMBER 2020

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 December 2020, are submitted for your review:

Section		Page(s)
A - Fund 2860	Fund Balance Report	1
	Appropriation Balance Report – FY 2020-21	2
	Sales Tax Revenue Reports – FY 2020-21	3
	Monthly Expenditure Summary Report	5
B - Fund 2870	Fund Balance Report	7-8
C - Fund 3300	Fund Balance Report	11
D - Fund 4430	Fund Balance Report	

TAC AGENDA	RFCD AGENDA
ITEM #04	ITEM#
DATE: 01/28/2021	DATE: 02/11/2021

CAC AGENDA ITEM #04

DATE: 02/01/2021

E - Summary	Pay-As-You-Go Funded - Current Project Expense Summary	15-39
•	Bond Funded - Current Project Expense Summary	40-43
	Capital Improvement Program – Open Projects Summary	44
	Pay-As-You-Go Funding – Cumulative Reporting	45-57
	Bond Funding – Cumulative Reporting	58-62
	FY 2020-21 Projects Funded Summary	63-65
	Estimated Funding Schedule	

Respectfully submitted,

Jeanine Pitts-Dilworth
Administrative Services Director

TAC AGENDA	RFCD AGENDA
ITEM #04	ITEM#
DATE: 01/28/2021	DATE: 02/11/2021
CAC AGENDA	
TOTAL HOLE	

ITEM #04 DATE: 02/01/2021

012821 Financial-item

REGIONAL FLOOD CONTROL DISTRICT FUND 2860 - OPERATING FUND FUND BALANCE REPORT DECEMBER 2020

BEGINNING CASH BALANCE:	\$ 12,395,795.59		
Accruals/Adjustments	88,624.13	_	
TOTAL			
TOTAL BEGINNING	G BALANCE	\$	12,484,419.72
REVENUES:			
Sales Tax Revenue (October 2020)	8,920,777.72		
Interest Earnings	10,042.71		
Fund 4430 - Transfer In Interest Earnings	65,164.60		
Build America Bonds Rebate	-		
Sale of Materials	-		
Miscellaneous Other Revenue	115,575.00		
Petty Cash Reimbursements	-		
Miscellaneous Accruals/Adjustments	3,404.48	-	
TOTAL REVENUES	S	\$	9,114,964.51
EXPENDITURES:			
Salaries & Benefits	(303,123.34)		
Services & Supplies	(23,096.88)		
Professional Services	(87,289.39)		
Capital Expenditures	(2,195.00)		
Fund 2870 - Transfer Out Maintenance Work Program	(700,000.00)		
Fund 3300 - Transfer Out Debt Service	(3,991,140.54)		
Fund 4430 - Transfer Out Budgeted Transfers	(2,300,000.00)		
Accruals/Adjustments	(,,		
Accounts Payable			
Miscellaneous Accruals/Adjustments	47,155.25		
TOTAL EXPENSES	5	S	(7,359,689.90)
TOTAL EXILENCES	•		(,,000,000.00)
ENDING CASH BALANCE:		\$	14,239,694.33

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

REVENUES/FINANCING SOURCES

		BUDGET	ACTUAL	EN	CUMBRANCE/ ILC		UNREALIZED	% UNREALIZED
Revenues Other Sources TOTAL	\$ \$	104,581,000.00 1,406,250.00 105,987,250.00	\$ 34,306,016.23 455,273.21 \$ 34,761,289.44		N/A N/A N/A	\$ - \$	70,274,983.77 950,976.79 71,225,960.56	67% <u>68</u> % 67%
EXPENDITURES/TRANSFERS								
		BUDGET	ACTUAL	EN	CUMBRANCE/ ILC		AVAILABLE	% AVAILABLE
Evacaditures								
Expenditures Transfers Out	\$	9,787,885.00	\$ 2,846,440.28	\$	1,918,636.67	\$	5,022,808.05	51%
	\$	9,787,885.00 52,368,684.00	\$ 2,846,440.28 26,756,871.62	\$	1,918,636.67	\$	5,022,808.05 25,611,812.38	51% 4 9%
Transfers Out	\$, ,	2,0 10,1 10.20	\$	1,918,636.67 - -	\$	-,-	
Transfers Out Debt Service	\$	52,368,684.00	26,756,871.62	\$	-	\$	25,611,812.38	49%

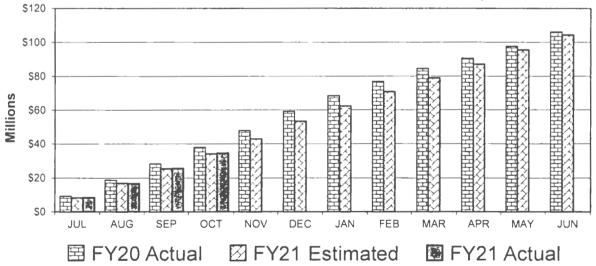
Notes:

⁽¹⁾ Includes Local Drainage program.

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

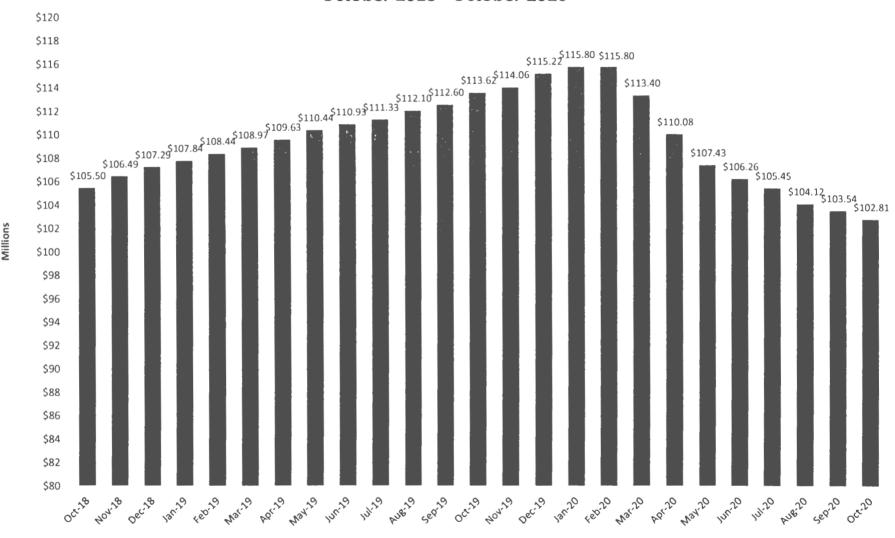
MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE (as approved April 9, 2020)	ACTUAL SALES TAX REVENUES		DIFFERENCE OVER/(UNDER) ESTIMATE	PERCENT +/- FROM ESTIMATE
JULY	\$ 8,295,317.63	\$	8,415,514.60	\$ 120,196.97	1.45%
AUGUST	8,610,504.53		8,233,177.25	(377,327.28)	-4.38%
SEPTEMBER	8,542,813.84		8,911,926.98	369,113.14	4.32%
OCTOBER	8,687,995.65		8,920,777.72	232,782.07	2.68%
NOVEMBER	8,792,459.96		-		
DECEMBER	10,374,173.78		-		
JANUARY	8,991,658.22		-		
FEBRUARY	8,534,129.44		-		}
MARCH	8,058,992.42		-		
APRIL	8,222,297.66		-		
MAY	8,444,030.21		-		
JUNE	8,796,626.66				
TOTAL:	\$ 104,351,000.00	\$	34,481,396.55	\$ 344,764.90	1.01%

Estimated vs Actual Cumulative Sales Tax Receipts



12/30/2020 Sales Tax FY20-21

Rolling 12-Month Total Sales Tax Revenue October 2018 - October 2020



Schedule of Monthly Expenditures - Summary Fund 2860 - Operating Fund 12/1/2020 to 12/31/2020

Fiscal Year	Account #	Account Name		Amount
2021	61*/62*	Salaries and Benefits		303,123.34
	630000	Other Professional Services		74,174.19
	635000	Pro Svcs-Legal		6,115.20
	636000	Pro Svcs-Audit		7,000.00
	640310	R & M-Facilities		6,570.06
	640340	R & M-Vehicles		552.91
	641000	Other Rental Expense		267.41
	644400	Temporary Personnel Services		334.53
	644610	Information System Services		528.23
	645000	Other Insurance		206.77
	646100	Telephone-Local		596.08
	646110	Telephone-Long Distance		4.59
	646120	Cell Phones/Beepers		349.27
	648100	Printing/Reproduction		72.64
	649500	Registration/Training		549.00
	663000	Operating Supplies		221.90
	663400	Office Supplies		387.13
	663500	Wearing Apparel		38.28
	670100	Electricity		1,616.75
	670500	Disposal		381.53
	679200	Licenses & Taxes		515.46
	679220	Software Licenses		8,524.34
	679300	Dues		1,380.00
	680400	Capital Outlay-Equipment-Mod Accrual		2,195.00
			Fiscal Year Total	\$415,704.61
			Grand Total	\$415,704.61

REGIONAL FLOOD CONTROL DISTRICT FUND 2870 - FACILITIES MAINTENANCE FUND FUND BALANCE REPORT DECEMBER 2020

BEGINNING CASH BALANCE: Accruals/Adjustments	\$ 7,589,309.00 10,953.12	
TOTAL BEGINNING CASH BALANCE:		\$ 7,600,262.12
REVENUES: Interest Income Fund 2860 - Transfer In Maintenance Work Program Miscellaneous Other Revenue/Adjustments	8,724.10 700,000.00	
TOTAL MONTHLY REVENUES		\$ 708,724.10
EXPENDITURES: Services & Supplies Maintenance Work Program Expenditures Accruals/Adjustments Miscellaneous Accruals/Adjustments Contract Retention Payable Contract Retention Interest Payable Accounts Payable TOTAL MONTHLY EXPENSES	(851,232.88) - (\$82,294.17) - -	\$ (933,527.05)
ENDING CASH BALANCE:		\$ 7,375,459.17

Regional Flood Control District Monthly Expenditures Maintenance Work Program 12/1/2020 to 12/31/2020

Fiscal Year - 2021

Vendor	Facility	Invoice No.	Inv. Date	P.O. Number	Date Paid	Amount
CITY OF HENDERSON	RF.HN65	MSC5034300	11/19/2020	4500323703	12/23/2020	\$5,222.10
CITY OF HENDERSON	RF.HN66	MSC5034300	11/19/2020	4500323703	12/23/2020	\$253.45
CITY OF HENDERSON	RF.HN67	MSC5034300	11/19/2020	4500323703	12/23/2020	\$253.45
CITY OF HENDERSON	RF.HN68	MSC5034300	11/19/2020	4500323703	12/23/2020	\$253.45
CITY OF HENDERSON	RF.HN69	MSC5034300	11/19/2020	4500323703	12/23/2020	\$1,530.47
CITY OF HENDERSON	RF.HN70	MSC5034300	11/19/2020	4500323703	12/23/2020	\$296.33
CITY OF HENDERSON	RF.HN71	MSC5034300	11/19/2020	4500323703	12/23/2020	\$307.17
CITY OF HENDERSON	RF.HN72	MSC5034300	11/19/2020	4500323703	12/23/2020	\$213.16
CITY OF HENDERSON	RF.HN73	MSC5034300	11/19/2020	4500323703	12/23/2020	\$671.89
CITY OF LAS VEGAS	RF.LV51	335140	11/16/2020	4500323472	12/28/2020	\$180.37
CITY OF LAS VEGAS	RF.LV52	335140	11/16/2020	4500323472	12/28/2020	\$15,865.13
CITY OF LAS VEGAS	RF.LV52	337059	12/08/2020	4500323472	12/23/2020	\$30,967.20
CITY OF LAS VEGAS	RF.LV52	337059	12/08/2020	4500323472	12/23/2020	\$822.68
CITY OF LAS VEGAS	RF.LV53	335140	11/16/2020	4500323472	12/28/2020	\$36,868.70
CITY OF LAS VEGAS	RF.LV53	335140	11/16/2020	4500323472	12/28/2020	\$179.97
CITY OF LAS VEGAS	RF.LV53	337059	12/08/2020	4500323472	12/23/2020	\$208.98
CITY OF LAS VEGAS	RF.LV54	335140	11/16/2020	4500323472	12/28/2020	\$36,731.33
CITY OF LAS VEGAS	RF.LV54	335140	11/16/2020	4500323472	12/28/2020	\$4,284.94
CITY OF LAS VEGAS	RF.LV54	337059	12/08/2020	4500323472	12/23/2020	\$10,784.54
CITY OF LAS VEGAS	RF.LV55	335140	11/16/2020	4500323472	12/28/2020	\$6,315.00
CITY OF LAS VEGAS	RF.LV55	335140	11/16/2020	4500323472	12/28/2020	\$22,299.27
CITY OF LAS VEGAS	RF.LV55	335140	11/16/2020	4500323472	12/28/2020	\$179.97
CITY OF LAS VEGAS	RF.LV56	335140	11/16/2020	4500323472	12/28/2020	\$251.94
CITY OF LAS VEGAS	RF.LV56	335140	11/16/2020	4500323472	12/28/2020	\$269.96
CITY OF LAS VEGAS	RF.LV57	335140	11/16/2020	4500323472	12/28/2020	\$21,334.65
CITY OF LAS VEGAS	RF.LV57	337059	12/08/2020	4500323472	12/23/2020	\$366,669.55
CITY OF LAS VEGAS	RF.LV57	337059	12/08/2020	4500323472	12/23/2020	\$617.02
CITY OF NORTH LAS VEGAS	RF.NL02	353329	12/03/2020	4500323706	12/23/2020	\$36,862.74
CITY OF NORTH LAS VEGAS	RF.NL02	353329	12/03/2020	4500323706	12/23/2020	\$14,134.00
CITY OF NORTH LAS VEGAS	RF.NL02	353329	12/03/2020	4500323706	12/23/2020	\$497.70
CITY OF NORTH LAS VEGAS	RF.NL02	353329	12/03/2020	4500323706	12/23/2020	\$2,714.61
CITY OF NORTH LAS VEGAS	RF.NL04	353329	12/03/2020	4500323706	12/23/2020	\$102.43
CITY OF NORTH LAS VEGAS	RF.NL04	353329	12/03/2020	4500323706	12/23/2020	\$2,340.00
CITY OF NORTH LAS VEGAS	RF.NL05	353329	12/03/2020	4500323706	12/23/2020	\$608.00
CITY OF NORTH LAS VEGAS	RF.NL06	353329	12/03/2020	4500323706	12/23/2020	\$3,627.16
CITY OF NORTH LAS VEGAS	RF.NL07	353329	12/03/2020	4500323706	12/23/2020	\$1,887.03

1/13/2021 - MWP Expenditures

Regional Flood Control District Monthly Expenditures Maintenance Work Program 12/1/2020 to 12/31/2020

CITY OF NORTH LAS VEGAS RF.NL07 353329 12/03/2020 4500323706 12/23/2020 \$	
0111 01 1.0KHI BIID VEGILO IQ.KHED. 0333E9 1E/03/E020 73003E3700 1E/23/E020 ©	592,307.22
CITY OF NORTH LAS VEGAS RF.NL07 353329 12/03/2020 4500323706 12/23/2020	\$1,244.60
CITY OF NORTH LAS VEGAS RF.NL07 353329 12/03/2020 4500323706 12/23/2020	\$6,056.37
CITY OF NORTH LAS VEGAS RF.NL08 353329 12/03/2020 4500323706 12/23/2020	\$2,150.00
CITY OF NORTH LAS VEGAS RF.NL11 353329 12/03/2020 4500323706 12/23/2020	\$1,742.44
CITY OF NORTH LAS VEGAS RF.NL12 353329 12/03/2020 4500323706 12/23/2020	\$1,056.64
CITY OF NORTH LAS VEGAS RF.NL12 353329 12/03/2020 4500323706 12/23/2020	\$1,293.75
CITY OF NORTH LAS VEGAS RF.NL13 353329 12/03/2020 4500323706 12/23/2020	\$7,373.04
CITY OF NORTH LAS VEGAS RF.NL13 353329 12/03/2020 4500323706 12/23/2020	\$600.80
CITY OF NORTH LAS VEGAS RF.NL14 353329 12/03/2020 4500323706 12/23/2020	\$1,648.98
CITY OF NORTH LAS VEGAS RF.NL16 353329 12/03/2020 4500323706 12/23/2020	\$4,393.32
CITY OF NORTH LAS VEGAS RF.NL18 353329 12/03/2020 4500323706 12/23/2020	\$1,050.00
CITY OF NORTH LAS VEGAS RF.NL19 353329 12/03/2020 4500323706 12/23/2020	\$9,172.71
CITY OF NORTH LAS VEGAS RF.NL19 353329 12/03/2020 4500323706 12/23/2020	\$7,033.09
CITY OF NORTH LAS VEGAS RF.NL19 353329 12/03/2020 4500323706 12/23/2020 \$	28,908.12
ECCO EQUIPMENT CORP RF.HN69 211317-0001 10/19/2020 4500324499 12/14/2020	\$3,922.50
ECCO EQUIPMENT CORP RF.HN69 211343-0001 11/09/2020 4500324499 12/14/2020	\$9,110.50
ECCO EQUIPMENT CORP RF.HN69 211374-0001 11/02/2020 4500324499 12/14/2020	\$5,905.00
ECCO EQUIPMENT CORP RF.HN69 211375-0001 10/22/2020 4500324499 12/14/2020	\$1,437.00
ECCO EQUIPMENT CORP RF.HN71 211212-0001 10/06/2020 4500324499 12/14/2020	\$2,316.00
ECCO EQUIPMENT CORP RF.HN72 211163-0001 10/06/2020 4500324499 12/14/2020	\$1,606.00
PUBLIC WORKS/CC TREAS RF.CC01 4021000056 12/31/2020 none 12/31/2020 \$	10,983.75
PUBLIC WORKS/CC TREAS RF.CC03 4021000057 12/31/2020 none 12/31/2020	\$7,275.00
PUBLIC WORKS/CC TREAS RF.CC05 4021000058 12/31/2020 none 12/31/2020	\$2,440.00
PUBLIC WORKS/CC TREAS RF.CC06 4021000059 12/31/2020 none 12/31/2020	\$5,390.00
PUBLIC WORKS/CC TREAS RF.CC10 4021000060 12/31/2020 none 12/31/2020	\$500.00
PUBLIC WORKS/CC TREAS RF.CC14 4021000061 12/31/2020 none 12/31/2020	\$2,455.00
PUBLIC WORKS/CC TREAS RF.CC16 4021000062 12/31/2020 none 12/31/2020	\$1,038.75
PUBLIC WORKS/CC TREAS RF.CC18 4021000063 12/31/2020 none 12/31/2020	\$1,105.00
PUBLIC WORKS/CC TREAS RF.CC20 4021000064 12/31/2020 none 12/31/2020	\$605.00
TARGET CONSTRUCTION INC #Error INT46500014 12/16/2020 none 12/17/2020 98121	\$5.96
	\$2,500.00
	51,232.88
Grand Total \$8	51,232.88

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

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Facility	Facility Name	Budget	Amount Spent	Amount Remaining
RF.BC01	Hemenway Watershed	\$185,000.00	\$31,438.57	\$153,561.43
RF.BC02	Georgia/Buchanan Watershed	\$96,000.00	\$23,159.65	\$72,840.35
RF.BC03	North Railroad Watershed	\$105,000.00	\$458.40	\$104,541.60
RF.BC04	West Airport Watershed	\$65,000.00	\$7,283.69	\$57,716.31
		\$451,000.00	\$62,340.31	\$388,659.69
Clark Co	unty			ŕ
Facility	Facility Name	Budget	Amount Spent	Amount Remaining
RF.CC01	Flamingo Wash	\$1,040,000.00	\$386,457.49	\$653,542.51
RF.CC02	Las Vegas Wash	\$290,000.00	\$85,628.66	\$204,371.34
RF.CC03	Duck Creek	\$399,500.00	\$80,215.19	\$319,284.81
RF.CC05	Las Vegas Range Wash	\$472,000.00	\$34,139.00	\$437,861.00
RF.CC06		\$245,000.00	\$102,081.66	\$142,918.34
RF.CC07	Airport Channel	\$30,000.00	\$32,647.40	(\$2,647.40)
RF.CC08	Monson Channel	\$110,500.00	\$10,979.85	\$99,520.15
RF.CC09	Rawhide Channel	\$88,500.00	\$23,015.91	\$65,484.09
	Van Buskirk Channel	\$60,200.00	\$60,219.57	(\$19.57)
RF.CC11	Flamingo Wash North Fork	\$43,800.00	\$16,895.29	\$26,904.71
RF.CC14	Laughlin Washes	\$39,500.00	\$4,205.77	\$35,294.23
RF.CC15	Moapa Valley	\$41,000.00	\$4,082.54	\$36,917.46
	Blue Diamond Wash	\$167,000.00	\$59,688.35	\$107,311.65
RF.CC17		\$8,500.00	\$0.00	\$8,500.00
RF.CC18	Bunkerville	\$11,000.00	\$1,105.00	\$9,895.00
	Pittman Wash	\$28,500.00	\$1,295.13	\$27,204.87
	Indian Springs/Gdsprings	\$10,500.00	\$605.00	\$9,895.00
	Northern Beltway Channels	\$41,000.00	\$0.00	\$41,000.00
14.0021	Tronicon Bernay Chambis	\$3,126,500.00	\$903,261.81	\$2,223,238.19
Henderso	n	\$3,1 2 0,300.00	\$703, 2 01.01	92,223,230.17
Facility	Facility Name	Budget	Amount Spent	Amount Remaining
RF.HN65		\$1,822,500.93	\$826,632.49	\$995,868.44
RF.HN66		\$1,415,658.00	\$11,299.41	\$1,404,358.59
	Pittman Central NE	\$42,045.89	\$15,413.36	\$26,632.53
	Pittman Central SE	\$38,000.00	\$98,389.87	(\$60,389.87)
	Pittman Central NW	\$111,512.99	\$182,977.05	(\$71,464.06)
	Pittman Central SW	\$27,845.23	\$5,781.16	\$22,064.07
	Pittman Anthem Inspirada	\$102,000.00	\$16,406.49	\$85,593.51
	Pittman Seven Hills	\$77,529.14	\$30,059.01	\$47,470.13
	Pittman West Henderson	\$14,738.82	\$3,777.42	\$10,961.40
14 .111.75	Tittiman West Mendelson	\$3,651,831.00	\$1,190,736.26	\$2,461,094.74
Las Vegas	3	95,051,051.00	\$1,170,730.20	\$2,401,034.74
<u>Facility</u>	Facility Name	Budget	Amount Spent	Amount Remaining
RF.LV51	Cedar Ave Channel/Nellis System	\$100,000.00	\$180.37	\$99,819.63
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$815,000.00	\$94,940.14	\$720,059.86
	Lake Mead/Smoke Ranch/Washington	\$100,000.00	\$47,160.96	\$52,839.04
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1/13/2021 - MWP Status Report

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

Manne	ance work frogram Status Repo	it - Fiscai I cai	2021	
Facility	Facility Name	<u>Budget</u>	Amount Spent	Amount Remaining
RF.LV54	Las Vegas Wash System	\$700,000.00	\$138,882.22	\$561,117.78
RF.LV55	Meadows/Oakey System	\$100,000.00	\$28,794.24	\$71,205.76
RF.LV56	Washington Ave/LV Creek	\$385,000.00	\$1,900.37	\$383,099.63
RF.LV57	US95/Outer Beltway/Ann Road System	\$1,000,000.00	\$422,258.91	\$577,741.09
		\$3,200,000.00	\$734,117.21	\$2,465,882.79
Mesquite				
Facility	Facility Name	Budget	Amount Spent	Amount Remaining
RF.ME01	Mesquite Town Wash	\$19,000.00	\$89.80	\$18,910.20
RF.ME02	Abbott Wash Channel	\$14,300.00	\$89.80	\$14,210.20
RF.ME04	Town Wash Detention Basin	\$337,400.00	\$350.00	\$337,050.00
RF.ME07	Pulsipher Wash	\$29,400.00	\$89.80	\$29,310.20
RF.ME08	Abbott Wash Detention Basin	\$60,000.00	\$350.00	\$59,650.00
RF.ME09	Pulsipher Wash Detention Basin	\$29,700.00	\$350.00	\$29,350.00
		\$489,800.00	\$1,319.40	\$488,480.60
North Las	s Vegas			
Facility	Facility Name	Budget	Amount Spent	Amount Remaining
RF.NL01	LV Wash "N" Channel	\$43,212.26	\$5,032.61	\$38,179.65
RF.NL02	Las Vegas Wash-Middle	\$272,601.87	\$216,410.65	\$56,191.22
RF.NL03	LV Wash-King Charles Channel	\$51,166.79	\$106.24	\$51,060.55
RF.NL04	Vandenberg Detention Basin	\$402,042.42	\$5,406.92	\$396,635.50
RF.NL05	North Las Vegas Detention Basin	\$179,500.00	\$34,971.23	\$144,528.77
RF.NL06	Upper LVW DB & Moccasin Levee	\$127,070.99	\$23,813.20	\$103,257.79
RF.NL07	Carey/Lake Mead Detention Basin	\$291,764.67	\$228,278.46	\$63,486.21
RF.NL08	Gowan Outfall Channel	\$74,071.00	\$4,298.21	\$69,772.79
RF.NL10	Upper Las Vegas Wash	\$23,000.00	\$13,062.54	\$9,937.46
RF.NL11	Clayton Street Channel	\$56,071.00	\$1,901.80	\$54,169.20
RF.NL12	Lower Las Vegas Detention Basin	\$96,571.00	\$11,591.89	\$84,979.11
RF.NL13	West Trib-Ranch House to Lower LV DB	\$64,571.00	\$24,719.12	\$39,851.88
RF.NL14	Trib to Western Trib @ Craig Rd	\$66,571.00	\$13,156.78	\$53,414.22
	Las Vegas Wash-Smoke Ranch	\$53,071.00	\$5,817.43	\$47,253.57
	Upper Las Vegas Wash Channel	\$99,571.00	\$14,544.60	\$85,026.40
RF.NL17	Range Wash-LVW Diversion & Levee	\$165,500.00	\$49,862.43	\$115,637.57
RF.NL18	Cheyenne Peaking Basin	\$88,071.00	\$1,427.02	\$86,643.98
	LVW-Middle, Cheyenne Ave to Owens	\$176,573.00	\$45,113.92	\$131,459.08
	Ave			
		\$2,331,000.00	\$699,515.05	\$1,631,484.95
	Program Total	\$13,250,131.00	\$3,591,290.04	\$9,658,840.96

REGIONAL FLOOD CONTROL DISTRICT FUND 3300 - BOND DEBT SERVICE FUND FUND BALANCE REPORT DECEMBER 2020

BEGINNING CASH BALANCE Accruals/Adjustments	\$ 9,337,570.45 12,321.72	
TOTAL BEGINNING CASH BALANCE		\$ 9,349,892.17
REVENUES:		
Interest Income	15,945.76	
Fund 2860 - Transfer In Debt Service	3,991,140.54	
Bonds Issued	-	
Premium on Bonds Issued	-	
Miscellaneous Other Revenue	-	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	-	
TOTAL MONTHLY REVENUES		\$ 4,007,086.30
EXPENDITURES:		
Professional Services	-	
Debt Service Payments*	_	
Payments to Escrow Agent	-	
Transfers Out to Other Funds	-	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments		
TOTAL MONTHLY EXPENSES		\$ -
ENDING CASH BALANCE:		\$ 13,356,978.47

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

REGIONAL FLOOD CONTROL DISTRICT FUND 4430 - CONSTRUCTION FUND FUND BALANCE REPORT DECEMBER 2020

BEGINNING	CASH	BALA	NCE:
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Cash in Custody of Treasurer	\$ 131,973,731.82
Custodial Account Cash Balance	190,385,315.72
Accruals/Adjustments	(334,214.86)

TOTAL BEGINNING CASH BALANCE \$ 322,024,832.68

REVENUES:

Fund 2860 - Transfer In Budgeted Transfer	2,300,000.00
Fund 3300 - Transfer In Bond Proceeds	-
Fund 4440 - Transfer In Budgeted Transfer	-
Custodial Account - Transfer In to Treasurer	-
Interest Earnings	156,424.55
Custodial Account Interest Earnings	-
Proceeds from Bonds and Loans	-
Miscellaneous Other Revenue	4,990.89
Accruals/Adjustments	
Miscellaneous Accruals/Adjustments	1,198.79

TOTAL MONTHLY REVENUES \$ 2,462,614.23

EXPENDITURES:

Capital Improvement Program	(6,341,064.98)
Professional Services	-
Project Reimbursements	•
Fund 2860 - Transfer Out Interest Earnings	(65,164.60)
Fund 2860 - Transfer Out ILA Closeout/Reductions	-
Custodial Account - Transfer Out to Treasurer/ Adjustments	-
Accruals/Adjustments	
Contracts Retention Payable	-
Contracts Retention Interest Payable	-
Accounts Payable	-
Miscellaneous Accruals/Adjustments	(494.34)

TOTAL MONTHLY EXPENDITURES \$ (6,406,723.92)

ENDING CASH BALANCE:

Cash in Custody of Treasurer 127,695,407.27 Custodial Account Cash Balance 190,385,315.72

ENDING CASH BALANCE: \$ 318,080,722.99

Regional Flood Control District Monthly Expenditures Capital Improvement Program 12/1/2020 to 12/31/2020

Fund 4430

Fiscal Year 2021

Vendor	Project	Invoice No.	Inv. Date	P.O. Number	Date Paid	Amount
CITY OF HENDERSON	RF.HEN07F18	MSC5034298		4800008975 00010	12/23/2020	\$3,493.65
CITY OF HENDERSON	RF.HEN25B19	MSC5034299	11/19/2020	4800009491 00010	12/23/2020	\$70.81
CITY OF LAS VEGAS	RF.LAS05L20	335158	11/16/2020	4800009970 00040	12/23/2020	\$201.78
CITY OF LAS VEGAS	RF.LAS05L20	337137	12/08/2020	4800009970 00010	12/23/2020	\$30,366.05
CITY OF LAS VEGAS	RF.LAS05L20	337137	12/08/2020	4800009970 00040	12/23/2020	\$928.77
CITY OF LAS VEGAS	RF.LAS05M20	337058	12/08/2020	4800009972 00040	12/23/2020	\$44.99
CITY OF LAS VEGAS	RF.LAS19E20	337140	12/08/2020	4800009971 00040	12/23/2020	\$44.99
CITY OF LAS VEGAS	RF.LAS22U19	335141	11/16/2020	4800009466 00010	12/21/2020	\$2,632.33
CITY OF LAS VEGAS	RF.LAS22U19	337060	12/08/2020	4800009466 00010	12/23/2020	\$1,075.35
CITY OF LAS VEGAS	RF.LAS24L17	335157	11/16/2020	4800008446 00040	12/21/2020	\$2,492.60
CITY OF LAS VEGAS	RF.LAS24L17	337100	12/08/2020	4800008446 00040	12/23/2020	\$2,125.00
CITY OF LAS VEGAS	RF.LAS29B15	335142	11/16/2020	4800007391 00010	12/18/2020	\$2,843.67
CITY OF LAS VEGAS	RF.LAS29B15	337099	12/08/2020	4800007391 00010	12/23/2020	\$482.58
CITY OF LAS VEGAS	RF.LAS29C16	337097	12/08/2020	4500255470 00010	12/23/2020	\$95,389.50
CITY OF LAS VEGAS	RF.LAS29C16	337097	12/08/2020	4500255470 00040	12/23/2020	\$5,534.85
CITY OF LAS VEGAS	RF.LAS29F20	335197	11/16/2020	4800009931 00030	12/21/2020	\$4,167.02
CITY OF LAS VEGAS	RF.LAS29F20	337098	12/08/2020	4800009931 00030	12/23/2020	\$2,650.73
CITY OF LAS VEGAS	RF.LAS30A13	337117	12/08/2020	4800005744 00020	12/23/2020	\$5,304.00
CITY OF LAS VEGAS	RF.LAS31A17	335178	11/16/2020	4800008684 00020	12/21/2020	\$1,216.07
CITY OF LAS VEGAS	RF.LAS31A17	337138	12/08/2020	4800008684 00020	12/23/2020	\$1,587.64
CITY OF LAS VEGAS	RF.LAS31B18	335177	11/16/2020	4800009126 00010	12/14/2020	\$8,670.17
CITY OF LAS VEGAS	RF.LAS31B18	337139	12/08/2020	4800009126 00010	12/23/2020	\$170,042.58
CITY OF NORTH LAS VEGAS	RF.NLV03E13	10675	12/16/2020	4800006067 00010	12/29/2020	\$13,774.51
CITY OF NORTH LAS VEGAS	RF.NLV09E11	10671	12/16/2020	4800004139 00020	12/29/2020	\$3,645.00
CITY OF NORTH LAS VEGAS	RF.NLV09E11	10671	12/16/2020	4800004139 00030	12/29/2020	\$14,105.60
CITY OF NORTH LAS VEGAS	RF.NLV09I13	10673	12/16/2020	4800006141 00010	12/29/2020	\$2,655.50
CITY OF NORTH LAS VEGAS	RF.NLV09I13	10673	12/16/2020	4800006141 00040	12/29/2020	\$2,070.23
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10676	12/16/2020	4800009412 00010	12/29/2020	\$3,023,771.64
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10676	12/16/2020	4800009412 00020	12/29/2020	\$174,998.50
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10676	12/16/2020	4800009412 00030	12/29/2020	\$25,713.49
CITY OF NORTH LAS VEGAS	RF.NLV09J19	10674	12/16/2020	4800009411 00020	12/29/2020	\$582.50
CITY OF NORTH LAS VEGAS	RF.NLV09K19	10672	12/16/2020	4800009476 00010	12/29/2020	\$115,564.50
CITY OF NORTH LAS VEGAS	RF.NLV09K19	10672	12/16/2020	4800009476 00020	12/29/2020	\$2,491,741.00
CITY OF NORTH LAS VEGAS	RF.NLV09K19	10672	12/16/2020	4800009476 00030	12/29/2020	\$4,956.59

1/13/2021 - Project Expenditures

Regional Flood Control District Monthly Expenditures Capital Improvement Program 12/1/2020 to 12/31/2020

Vendor	Project	Invoice No.	Inv. Date	P.O. Number	Date Paid	Amount
LAS VEGAS PAVING CORP	RF.HEN25B19	HEN25B19#8	09/30/2020	4800009505 00010	12/21/2020	\$16,042.35
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1521052975	12/02/2020	none	12/02/2020	\$6,539.80
PUBLIC WORKS/CC TREAS	RF.CLA10G12	1521062772	12/29/2020	none	12/29/2020	(\$1,198.79)
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1521052977	12/02/2020	none	12/02/2020	\$18,557.88
PUBLIC WORKS/CC TREAS	RF.CLA10I19	1521053940	12/03/2020	none	12/03/2020	\$28,936.79
PUBLIC WORKS/CC TREAS	RF.CLA10I19	1521053940	12/03/2020	none	12/03/2020	\$1,079.86
PUBLIC WORKS/CC TREAS	RF.CLA16O19	1521053938	12/03/2020	none	12/03/2020	\$31,305.00
PUBLIC WORKS/CC TREAS	RF.CLA16O19	1521053938	12/03/2020	none	12/03/2020	\$564.27
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1521056991	12/10/2020	none	12/10/2020	\$14,661.34
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1521056987	12/10/2020	none	12/10/2020	\$930.62
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1521061848	12/24/2020	none	12/24/2020	\$1,968.72
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1521061848	12/24/2020	none	12/24/2020	\$1,100.95
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	\$16,200.00
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	(\$16,200.00)
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	\$22,813.33
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	(\$22,813.33)
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	\$3,359.06
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	(\$3,359.06)
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	\$6,744.09
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	(\$6,744.09)
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	\$99,455.84
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	(\$99,455.84)
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	\$38,101.33
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	(\$38,101.33)
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	\$3,054.54
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	(\$3,054.54)
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	\$25,377.35
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	(\$25,377.35)
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	\$34,833.72
REGIONAL FLOOD CONTROL	RF.LAS29E18	1021028242	12/28/2020	none	12/28/2020	(\$34,833.72)
VTN NEVADA	RF.HEN16A01	7520#81	12/15/2020	4800006059 00020	12/29/2020	\$5,632.00
		Fiscal Yea				\$6,341,064.98
		Fur	d Total			\$6,341,064.98

PAY-AS-YOU-GO FUNDED PROJECTS

ENTITY: Boulder City

BOU01C10

Hemenway System, Phase II Improvements

Interlocal Amount \$745,000.00

Original Funding Date 02/11/2010

Expiration Date 01/14/2021

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	\$730,000.00	\$726,160.81	\$3,839.19
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	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$745,000.00	\$733,887.48	\$11,112.52

BOU01D17

Hemenway System, Phase IIA Improvements Interlocal Amount \$2,495,000.00

Original Funding Date 02/09/2017 Expiration Date 02/09/2021

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	\$2,200,000.00	\$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

PAY-AS-YOU-GO FUNDED PROJECTS

ENTITY: Clark County

CLA04E99

Flamingo Wash, McLeod Dr to Maryland PKWY

Interlocal Amount \$2,980,000.00

Original Funding Date 08/12/1999 Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$741,500.00	\$647,169.58	\$94,330.42
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,877,500.00	\$1,595,495.85	\$282,004.15
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$339,000.00	\$315,950.17	\$23,049.83
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$22,000.00	\$17,086.99	\$4,913.01
Total	\$2,980,000.00	\$2,575,702.59	\$404,297.41

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	\$110,168.44	\$389,831.56
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	\$110,168.44	\$424,831.56

CLA08S13

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

Original Funding Date 09/12/2013 Expiration Date 06/30/2021

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	\$1,219,307.97	\$83,692.03
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	\$1,285,908.20	\$164,091.80

PAY-AS-YOU-GO FUNDED PROJECTS

CLA10F10

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

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

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

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	\$586,464.20	\$1,053,175.80
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	\$0.00	\$21,360.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,710,000.00	\$605,334.20	\$1,104,665.80

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	\$127,459.62	\$126,340.38
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	\$2,367.00	\$47,633.00
Other	\$0.00	\$0.00	\$0.00
Total	\$368,800.00	\$145,283.44	\$223,516.56

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	\$243,448.97	\$293,851.03
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	\$277,810.87	\$372,189.13

CLA21A00

Orchard Detention Basin Interlocal Amount \$1,949,700.00 Original Funding Date 07/13/2000 Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$448,000.00	\$382,823.56	\$65,176.44
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,073,000.00	\$1,002,505.28	\$70,494.72
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$301,900.00	\$188,138.64	\$113,761.36
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	\$1,593,549.31	\$356,150.69

PAY-AS-YOU-GO FUNDED PROJECTS

CLA28D18

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

Original Funding Date 12/13/2018 Expiration Date

06/30/2023

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

CLA36A18

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$3,000,000.00	\$9,900.00	\$2,990,100.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,382,870.00	\$856,297.95	\$526,572.05
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	\$866,197.95	\$3,566,672.05

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

PAY-AS-YOU-GO FUNDED PROJECTS

CLA38D20

Duck Creek Haven Street Storm Drain Interlocal Amount \$3,748,000.00

Original Funding Date 04/09/2020 Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,400,000.00	\$0.00	\$3,400,000.00
Const Engineering	\$306,000.00	\$0.00	\$306,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$42,000.00	\$0.00	\$42,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$3,748,000.00	\$0.00	\$3,748,000.00

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	\$0.00	\$3,328,864.00
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	\$0.00	\$3,650,769.00

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

PAY-AS-YOU-GO FUNDED PROJECTS

CLA38G20

Blue Diamond Railroad Channel Interlocal Amount \$1,637,520.00

Original Funding Date 10/08/2020

Expiration Date 06/30/2025

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

CLA39A19

Duck Creek/Blue Diamond, Bermuda Rd to LV Blvd Interlocal Amount \$453,000.00

Original Funding Date 04/11/2019

Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$18,000.00	\$4,602.48	\$13,397.52
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$400,000.00	\$109,281.10	\$290,718.90
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
Total	\$453,000.00	\$113,883.58	\$339,116.42

CLD97A20

Craig Road SD-El 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

PAY-AS-YOU-GO FUNDED PROJECTS

ENTITY: Clark County Outlying

BUN01D11

Windmill Wash Detention Basin Expansion

Interlocal Amount \$880,000.00

Original Funding Date 02/10/2011

Expiration Date 06/30/2021

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

GSP01B10

Goodsprings - Phase I Interlocal Amount \$83,400.00 Original Funding Date 03/11/2010

Expiration Date 06/30/2023

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

LAU04A08

SR 163 at Casino Drive Interlocal Amount \$528,500.00 Original Funding Date 10/09/2008

Expiration Date 06/30/2021

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	\$391,500.00	\$383,851.92	\$7,648.08
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$125,500.00	\$118,606.06	\$6,893.94
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$528,500.00	\$506,384.27	\$22,115.73

PAY-AS-YOU-GO FUNDED PROJECTS

MOA01B89

Muddy River West Levee, Moapa Valley Interlocal Amount \$13,501,000.00

Original Funding Date 05/11/1989 Expiration Date 06/30/2021

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

MOA03A11

Fairgrounds Detention Basin and Outfall Interlocal Amount \$1,071,500.00

Original Funding Date 02/10/2011 Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$95,000.00	\$64,978.05	\$30,021.95
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$727,000.00	\$733,635.55	(\$6,635.55)
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	\$0.00	\$60,000.00
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	\$304,521.89	\$428,978.11
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	\$304,521.89	\$435,978.11

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 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$54,164.00	\$44,991.60	\$9,172.40
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$674,750.00	\$452,888.86	\$221,861.14
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,164.00	\$108,720.37	\$17,443.63
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$79,471.00	\$51,420.27	\$28,050.73
Total	\$934,549.00	\$658,021.10	\$276,527.90

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 12/31/2022

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	\$193,419.66	\$250,023.34
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$14,610.00	\$3,500.00	\$11,110.00
Entity Costs	\$113,659.00	\$27,402.08	\$86,256.92
Other	\$15,652.00	\$0.00	\$15,652.00
Total	\$605,788.00	\$227,392.47	\$378,395.53

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	\$1,618,158.07	\$42,461.15
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	\$78,516.32	\$14,750.68
Total	\$2,264,514.00	\$2,207,302.17	\$57,211.83

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	\$23,801,373.52	\$698,626.48
Const Engineering	\$1,200,000.00	\$934,396.87	\$265,603.13
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	\$24,735,770.39	\$964,229.61

PAY-AS-YOU-GO FUNDED PROJECTS

HEN25B19

Pittman Pabco - Boulder Highway Crossing Interlocal Amount \$1,454,530.00

Original Funding Date 09/12/2019 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	\$1,346,787.00	\$1,219,581.97	\$127,205.03
Const Engineering	\$107,743.00	\$8,697.87	\$99,045.13
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	\$1,228,279.84	\$226,250.16

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

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	\$30,366.05	\$682,941.95
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	\$1,130.55	\$98,869.45
Other	\$0.00	\$0.00	\$0.00
Total	\$817,308.00	\$31,496.60	\$785,811.40

PAY-AS-YOU-GO FUNDED PROJECTS

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

LAS16P15

Rancho Road System - Elkhorn, Grand Canyon to

Hualapai

Interlocal Amount \$654,000.00

Original Funding Date 07/09/2015

Expiration Date 06/30/2021

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	\$650,000.00	\$626,451.69	\$23,548.31
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	\$654,000.00	\$626,451.69	\$27,548.31

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
Prc-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	\$44.99	\$99,955.01
Other	\$0.00	\$0.00	\$0.00
Total	\$854,000.00	\$44.99	\$853,955.01

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	\$64,263.69	\$1,031,736.31
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	\$64,263.69	\$1,035,736.31

LAS23E13

Centennial Pkwy Channel West-CC 215, Pioneer Way

to US95

Interlocal Amount \$875,687.00

Original Funding Date 07/11/2013

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$604.38	\$1,395.62
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$868,687.00	\$818,045.21	\$50,641.79
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$875,687.00	\$818,649.59	\$57,037.41

LAS23F14

Centennial Parkway Channel West-CC215, Pioneer

Way to US95

Interlocal Amount \$13,259,884.00

Original Funding Date 11/13/2014

Expiration Date 06/30/2021

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	\$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

PAY-AS-YOU-GO FUNDED PROJECTS

LAS23G15

Centennial Parkway Channel West-US95, CC215 to

Durango

Interlocal Amount \$1,261,471.00

Original Funding Date 07/09/2015

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$4,000.00	\$0.00	\$4,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,253,471.00	\$1,048,786.02	\$204,684.98
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$4,000.00	\$0.00	\$4,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,261,471.00	\$1,048,786.02	\$212,684.98

LAS23H15

Centennial Parkway Channel West-US95, Durango to

Grand Teton

Interlocal Amount \$985,231.00

Original Funding Date 07/09/2015

> Expiration Date 06/30/2021

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

LAS23I17

Cent Pkwy Chnl West-US95, CC215 to Grand Teton,

Kyle Cyn

Interlocal Amount \$26,425,221.00

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	\$23,825,221.00	\$22,115,480.87	\$1,709,740.13
Const Engineering	\$2,400,000.00	\$1,874,725.83	\$525,274.17
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$200,000.00	\$0.00	\$200,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$26,425,221.00	\$23,990,206.70	\$2,435,014.30

1/13/2021 - proexpsum443

PAY-AS-YOU-GO FUNDED PROJECTS

LAS24I15

Gowan Box Canyon - Lone Mountain Road Interlocal Amount \$704,000.00

Original Funding Date 07/09/2015 Expiration Date 06/30/2021

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	\$700,000.00	\$423,742.73	\$276,257.27
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	\$704,000.00	\$423,742.73	\$280,257.27

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	\$415,931.08	\$341,738.92
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	\$15,039.52	\$84,960.48
Other	\$0.00	\$0.00	\$0.00
Total	\$861,670.00	\$430,970.60	\$430,699.40

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	\$0.00	\$1,491,190.00
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	\$180,000.00	\$0.00	\$180,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,675,190.00	\$0.00	\$1,675,190.00

PAY-AS-YOU-GO FUNDED PROJECTS

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	\$1,524,424.38	\$148,578.62
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	\$1,524,424.38	\$201,578.62

LAS29C16

Flamingo-Bldr Hwy, N Charleston-Maryland Pkwy

System

Interlocal Amount \$2,888,829.00

Original Funding Date 09/08/2016

Expiration Date 06/30/2022

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	\$2,818,829.00	\$2,593,513.49	\$225,315.51
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Entity Costs	\$60,000.00	\$52,316.32	\$7,683.68
Other	\$0.00	\$0.00	\$0.00
Total	\$2,888,829.00	\$2,645,829.81	\$242,999.19

PAY-AS-YOU-GO FUNDED PROJECTS

LAS29D17

Flamingo-Boulder Hwy North, Charleston, Main to

Maryland

Interlocal Amount \$1,529,674.00

Original Funding Date 08/10/2017

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,200,674.00	\$446,714.50	\$753,959.50
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$325,000.00	\$0.00	\$325,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,529,674.00	\$446,714.50	\$1,082,959.50

LAS29E18

Flamingo - Boulder Hwy North - Boulder Hwy, Sahara

to Charleston

Interlocal Amount \$30,664,139.00

Original Funding Date 10/11/2018

Expiration Date 01/31/2021

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	\$28,829,533.00	\$23,180,645.48	\$5,648,887.52
Const Engineering	\$1,834,606.00	\$534,565.05	\$1,300,040.95
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	\$23,715,210.53	\$6,948,928.47

LAS29F20

Flamingo-Boulder Hwy N Charleston-Maryland Pkwy

System

Interlocal Amount \$49,388,989.00

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	\$46,349,816.00	\$0.00	\$46,349,816.00
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	\$7,834.09	\$1,279,178.91
Other	\$0.00	\$0.00	\$0.00
Total	\$49,388,989.00	\$7,834.09	\$49,381,154.91

1/13/2021 - proexpsum443

PAY-AS-YOU-GO FUNDED PROJECTS

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	\$381,022.20	\$325,915.80
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	\$381,022.20	\$330,915.80

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	\$9,923.51	\$50,076.49
Other	\$0.00	\$0.00	\$0.00
Total	\$120,000.00	\$67,584.54	\$52,415.46

LAS31B18

LVW - Moccasin, Skye Canyon Park to Upper LVW Interlocal Amount \$17,996,057.00

Original Funding Date 11/08/2018 Expiration Date 01/31/2021

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	\$16,989,000.00	\$0.00	\$16,989,000.00
Const Engineering	\$1,007,057.00	\$181,541.03	\$825,515.97
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	\$181,541.03	\$17,814,515.97

PAY-AS-YOU-GO FUNDED PROJECTS

LLD19A18

Luning Drive Storm Drain
Interlocal Amount \$1,201,965.00

Original Funding Date 07/12/2018 Expiration Date 06/30/2021

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	\$1,201,965.00	\$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

ENTITY: Mesquite

MES01E17

Town Wash-Mesa Boulevard, El Dorado to Town Wash Interlocal Amount \$539,582.75

Original Funding Date 09/14/2017 Expiration Date 09/30/2021

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	\$422,988.00	\$369,200.00	\$53,788.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$116,594.75	\$68,868.75	\$47,726.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$539,582.75	\$438,068.75	\$101,514.00

PAY-AS-YOU-GO FUNDED PROJECTS

MES04A15

Virgin River Flood Wall
Interlocal Amount \$1,433,903.00

Original Funding Date 11/12/2015 Expiration Date 07/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$18,680.00	\$0.00	\$18,680.00
Pre-Design	\$208,278.00	\$207,278.00	\$1,000.00
Design	\$886,060.00	\$282,399.64	\$603,660.36
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	\$489,677.64	\$944,225.36

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	\$1,970,231.56	\$69,768.44
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	\$2,028,664.35	\$678,307.65

PAY-AS-YOU-GO FUNDED PROJECTS

NLV03F17

Range Wash - Ann Branch Interlocal Amount \$1,081,889.00 Original Funding Date 03/09/2017 Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$250,000.00	\$18,117.60	\$231,882.40
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$821,889.00	\$605,529.42	\$216,359.58
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,081,889.00	\$623,647.02	\$458,241.98

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	\$967,299.20	\$102,425.80
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	\$997,724.49	\$589,125.51

NLV03I18

Range Wash - Ann Branch, Phase I Interlocal Amount \$2,668,000.00 Original Funding Date 02/08/2018 Expiration Date 12/31/2021

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

PAY-AS-YOU-GO FUNDED PROJECTS

NLV04K17

Gowan Outfall, Alexander Rd - Decatur to Simmons

Street

Interlocal Amount \$1,931,156.00

Original Funding Date 02/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,921,156.00	\$1,387,420.02	\$533,735.98
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	\$1,387,420.02	\$543,735.98

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	\$1,151,182.96	\$68,817.04
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	\$1,452,301.43	\$82,468.57

NLV09113

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	\$1,003,821.75	\$75,178.25
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	\$23,535.03	\$41,464.97
Other	\$0.00	\$0.00	\$0.00
Total	\$1,554,000.00	\$1,396,333.39	\$157,666.61

PAY-AS-YOU-GO FUNDED PROJECTS

NLV10L19

Las Vegas Wash Cartier Channel Original Funding Date 10/10/2019
Interlocal Amount \$698,289.00 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	\$149,130.84	\$527,158.16
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	\$153,680.84	\$544,608.16

NLV17C16

Fifth Street Collector, Centennial Pkwy to Deer Springs

Way

Interlocal Amount \$726,079.00

Original Funding Date 11/10/2016

Expiration Date 06/30/2021

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

PAY-AS-YOU-GO FUNDED PROJECTS

NLV19A19

Carey-Lake Mead DB Outfall Modification Interlocal Amount \$100,000.00

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	\$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	\$80,000.00	\$3,352.16	\$76,647.84
Other	\$0.00	\$0.00	\$0.00
Total	\$100,000.00	\$8,706.49	\$91,293.51

Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$45,367,463.49	\$39,307,484.71	\$6,059,978.78
Pre-Design	\$351,604.23	\$335,958.56	\$15,645.67
Design	\$50,720,821.22	\$35,271,962.09	\$15,448,859.13
Construction	\$175,513,528.00	\$90,555,616.90	\$84,957,911.10
Const Engineering	\$10,403,465.00	\$4,413,589.31	\$5,989,875.69
Environmental	\$2,782,695.85	\$1,994,840.87	\$787,854.98
Entity Costs	\$3,174,032.00	\$142,990.24	\$3,031,041.76
Other	\$10,647,876.96	\$10,202,224.96	\$445,652.00
Total	\$298,961,486.75	\$182,224,667.64	\$116,736,819.11
	Construction Projects = 16	Design / Other Projects = 52	

BOND FUNDED PROJECTS

ENTITY: Boulder City

BOU01E19

Hemenway System, Phase IIB Improvements

Interlocal Amount \$4,669,036.00

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	\$4,284,036.00	\$0.00	\$4,284,036.00
Const Engineering	\$385,000.00	\$0.00	\$385,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$4,669,036.00	\$0.00	\$4,669,036.00

ENTITY: Clark County

CLA15E13

LVW-Sloan to Stewart-Flam Wash below Nellis Interlocal Amount \$84,184,000.00

Original Funding Date 10/10/2013 Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$73,952,000.00	\$71,935,126.87	\$2,016,873.13
Const Engineering	\$7,432,000.00	\$6,840,205.20	\$591,794.80
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$2,800,000.00	\$1,316,264.77	\$1,483,735.23
Total	\$84,184,000.00	\$80,091,596.84	\$4,092,403.16

BOND FUNDED PROJECTS

CLA38B20

Silverado Ranch DB, Collection & Outfall

Interlocal Amount \$26,000,000.00

Original Funding Date 03/12/2020

Expiration Date 06/30/2023

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

ENTITY: Clark County Outlying

LAU04B17

SR 163 at Casino Drive

Interlocal Amount \$2,250,000.00

Original Funding Date 07/13/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,065,000.00	\$1,743,291.36	\$321,708.64
Const Engineering	\$185,000.00	\$38,248.48	\$146,751.52
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	\$1,781,539.84	\$468,460.16

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	\$18,500,000.00	\$15,173,877.31	\$3,326,122.69
Const Engineering	\$1,321,851.00	\$951,027.99	\$370,823.01
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$100,000.00	\$90,894.02	\$9,105.98
Other	\$0.00	\$0.00	\$0.00
Total	\$19,921,851.00	\$16,215,799.32	\$3,706,051.68

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	\$3,608,709.00	\$3,509,801.00
Const Engineering	\$578,735.00	\$24,463.49	\$554,271.51
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	\$3,633,172.49	\$4,064,072.51

NLV03L20

Hollywood System, Centennial Pkwy to Speedway #2

Original Funding Date 09/10/2020

Interlocal Amount \$10,355,000.00

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

1/13/2021 - proexpsum443

BOND FUNDED PROJECTS

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	\$0.00	\$15,392,926.00
Const Engineering	\$1,060,000.00	\$582.50	\$1,059,417.50
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$325,363.00	\$0.00	\$325,363.00
Other	\$0.00	\$0.00	\$0.00
Total	\$16,778,289.00	\$582.50	\$16,777,706.50

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	\$6,431,431.50	\$17,572,568.50
Const Engineering	\$1,620,000.00	\$388,109.53	\$1,231,890.47
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$375,000.00	\$23,220.06	\$351,779.94
Other	\$0.00	\$0.00	\$0.00
Total	\$25,999,000.00	\$6,842,761.09	\$19,156,238.91

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	\$177,937,217.00	\$98,892,436.04	\$79,044,780.96
Const Engineering	\$15,626,841.00	\$8,242,637.19	\$7,384,203.81
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$1,490,363.00	\$114,114.08	\$1,376,248.92
Other	\$2,800,000.00	\$1,316,264.77	\$1,483,735.23
Total	\$197,854,421.00	\$108,565,452.08	\$89,288,968.92
	Construction Projects = 9	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	\$45,367,463.49	\$39,307,484.71	\$6,059,978.78
Pre-Design	\$351,604.23	\$335,958.56	\$15,645.67
Design	\$50,720,821.22	\$35,271,962.09	\$15,448,859.13
Construction	\$353,450,745.00	\$189,448,052.94	\$164,002,692.06
Const Engineering	\$26,030,306.00	\$12,656,226.50	\$13,374,079.50
Environmental	\$2,782,695.85	\$1,994,840.87	\$787,854.98
Entity Costs	\$4,664,395.00	\$257,104.32	\$4,407,290.68
Other	\$13,447,876.96	\$11,518,489.73	\$1,929,387.23
Total	\$496,815,907.75	\$290,790,119.72	\$206,025,788.03
	Construction Projects = 25	Design / Other Projects = 52	

Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$45,367,463.49	\$39,307,484.71	\$6,059,978.78
Pre-Design	\$351,604.23	\$335,958.56	\$15,645.67
Design	\$50,720,821.22	\$35,271,962.09	\$15,448,859.13
Construction	\$175,513,528.00	\$90,555,616.90	\$84,957,911.10
Const Engineering	\$10,403,465.00	\$4,413,589.31	\$5,989,875.69
Environmental	\$2,782,695.85	\$1,994,840.87	\$787,854.98
Entity Costs	\$3,174,032.00	\$142,990.24	\$3,031,041.76
Other	\$10,647,876.96	\$10,202,224.96	\$445,652.00
Total	\$298,961,486.75	\$182,224,667.64	\$116,736,819.11
	Construction Projects = 16	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	\$177,937,217.00	\$98,892,436.04	\$79,044,780.96
Const Engineering	\$15,626,841.00	\$8,242,637.19	\$7,384,203.81
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$1,490,363.00	\$114,114.08	\$1,376,248.92
Other	\$2,800,000.00	\$1,316,264.77	\$1,483,735.23
Total	\$197,854,421.00	\$108,565,452.08	\$89,288,968.92
	Construction Projects = 9	Design / Other Projects = 0	

Boulder City			
PROJECT	NAME	STATUS	TOTAL
BOU01A87	Hemenway Wash	Closed	\$4,649,000.00
BOU01B88	Hemenway Wash Debris Basin	Closed	\$0.00
BOU01C10	Hemenway System, Phase II Improvements	Open	\$745,000.00
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	Closed	\$448,873.75
20000	Facility)	Ciosca	3440,073.73
BOU05B00	North Railroad Watershed, Veteran Memorial	Closed	\$129,206.79
	Dr Culvert		,
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 Il	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
DOI IOCDOI	37111 D. J. C. H. J. C. H. L. L. C. L.	01 1	0-1-01-0
BOU06B01	Ville Drive Flood Control Facilities	Closed	\$747,314.67
ROO09R01	VIIIe Drive Flood Control Facilities	Closed	\$747,314.67 \$25,713,599.97
Clark County		Closed	
		Closed STATUS	
Clark County	NAME Upper Flamingo Wash Detention Basin &		\$25,713,599.97
Clark County PROJECT CLA01A87	NAME Upper Flamingo Wash Detention Basin & Outfall	STATUS Closed	\$25,713,599.97 <u>TOTAL</u> \$6,932,932.63
Clark County PROJECT CLA01A87 CLA01B04	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral	STATUS Closed Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda	STATUS Closed Closed Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel	STATUS Closed Closed Closed Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda	STATUS Closed Closed Closed Closed Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage	STATUS Closed Closed Closed Closed Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz	STATUS Closed Closed Closed Closed Closed Closed Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtn Vista	STATUS Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90 CLA02C90 CLA02D90	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtn Vista Rawhide Channel at Sagebrush Street	Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00 \$1,069,252.07 \$166,990.74 \$441,753.51
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90 CLA02C90 CLA02C91 CLA02C99 CLA02C99 CLA02C99 CLA02C99 CLA02C99	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtn Vista Rawhide Channel at Sagebrush Street Van Buskirk Channel - Predesign	Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00 \$11,069,252.07 \$166,990.74 \$441,753.51 \$118,463.30
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90 CLA02C90 CLA02C90 CLA02C91 CLA02C99	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtn Vista Rawhide Channel at Sagebrush Street Van Buskirk Channel - Predesign Van Buskirk Channel Outfall	Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00 \$1,069,252.07 \$166,990.74 \$441,753.51
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90 CLA02C90 CLA02C90 CLA02C91 CLA02G99 CLA03A88 CLA03B90 CLA03C90	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtn Vista Rawhide Channel at Sagebrush Street Van Buskirk Channel - Predesign Van Buskirk Channel Outfall Van Buskirk Channel - ROW	Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00 \$1,069,252.07 \$166,990.74 \$441,753.51 \$118,463.30 \$3,332,227.08 (\$202,889.63)
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90 CLA02C90 CLA02C90 CLA02C91 CLA02G99 CLA03A88 CLA03B90 CLA03C90 CLA03C90 CLA03D91	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtn Vista Rawhide Channel at Sagebrush Street Van Buskirk Channel - Predesign Van Buskirk Channel Outfall Van Buskirk Channel - ROW Van Buskirk System/Spencer-Rochelle	Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00 \$1,069,252.07 \$166,990.74 \$441,753.51 \$118,463.30 \$3,332,227.08 (\$202,889.63) \$808,963.97
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90 CLA02C90 CLA02C90 CLA02C91 CLA02G99 CLA03A88 CLA03B90 CLA03C90	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtn Vista Rawhide Channel at Sagebrush Street Van Buskirk Channel - Predesign Van Buskirk Channel - ROW Van Buskirk System/Spencer-Rochelle Van Buskirk Channel / Phases IIA & VI	Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00 \$1,069,252.07 \$166,990.74 \$441,753.51 \$118,463.30 \$3,332,227.08 (\$202,889.63)
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90 CLA02C90 CLA02C91 CLA02C91 CLA02G99 CLA03A88 CLA03B90 CLA03C90 CLA03C90 CLA03D91 CLA03H93	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtm Vista Rawhide Channel at Sagebrush Street Van Buskirk Channel - Predesign Van Buskirk Channel Outfall Van Buskirk System/Spencer-Rochelle Van Buskirk Channel / Phases IIA & VI Construction	Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00 \$1,069,252.07 \$166,990.74 \$441,753.51 \$118,463.30 \$3,332,227.08 (\$202,889.63) \$808,963.97 \$6,112,843.32
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90 CLA02C90 CLA02C91 CLA02C99 CLA02G99 CLA03A88 CLA03B90 CLA03C90 CLA03C90 CLA03H93 CLA04A89	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtn Vista Rawhide Channel at Sagebrush Street Van Buskirk Channel - Predesign Van Buskirk Channel Outfall Van Buskirk System/Spencer-Rochelle Van Buskirk Channel / Phases IIA & VI Construction Flamingo Wash Bridge @ Eastern	Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00 \$1,069,252.07 \$166,990.74 \$441,753.51 \$118,463.30 \$3,332,227.08 (\$202,889.63) \$808,963.97 \$6,112,843.32 \$61,900.00
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90 CLA02C90 CLA02C91 CLA02G99 CLA03A88 CLA03B90 CLA03C90 CLA03C90 CLA03C90 CLA03H93 CLA04A89 CLA04B89	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtn Vista Rawhide Channel at Sagebrush Street Van Buskirk Channel - Predesign Van Buskirk Channel Outfall Van Buskirk Channel - ROW Van Buskirk System/Spencer-Rochelle Van Buskirk Channel / Phases IIA & VI Construction Flamingo Wash Bridge @ Eastern Flamingo Wash Bridge @ Arville	Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00 \$11,069,252.07 \$166,990.74 \$441,753.51 \$118,463.30 \$3,332,227.08 (\$202,889.63) \$808,963.97 \$6,112,843.32 \$61,900.00 \$294,818.61
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90 CLA02C90 CLA02C91 CLA02C99 CLA02G99 CLA03A88 CLA03B90 CLA03C90 CLA03C90 CLA03H93 CLA04A89	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtn Vista Rawhide Channel at Sagebrush Street Van Buskirk Channel - Predesign Van Buskirk Channel Outfall Van Buskirk Channel - ROW Van Buskirk System/Spencer-Rochelle Van Buskirk Channel / Phases IIA & VI Construction Flamingo Wash Bridge @ Eastern Flamingo Wash Bridge @ Arville Flamingo Wash Bridge @ Paradise & Palos	Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00 \$1,069,252.07 \$166,990.74 \$441,753.51 \$118,463.30 \$3,332,227.08 (\$202,889.63) \$808,963.97 \$6,112,843.32 \$61,900.00
Clark County PROJECT CLA01A87 CLA01B04 CLA01D07 CLA02A88 CLA02B90 CLA02C90 CLA02C90 CLA02C91 CLA02G99 CLA03A88 CLA03B90 CLA03C90 CLA03C90 CLA03C90 CLA03H93 CLA04A89 CLA04B89	NAME Upper Flamingo Wash Detention Basin & Outfall F4 Patrick Lane/Ft Apache Road Lateral Flamingo Hacienda Rawhide Channel Rawhide Channel/Eastern Av Drainage Structure Rawhide Channel/Eastern Outfall Rawhide Channel/Eastern-Topaz Rawhide Channel/McLeod-Mtn Vista Rawhide Channel at Sagebrush Street Van Buskirk Channel - Predesign Van Buskirk Channel Outfall Van Buskirk Channel - ROW Van Buskirk System/Spencer-Rochelle Van Buskirk Channel / Phases IIA & VI Construction Flamingo Wash Bridge @ Eastern Flamingo Wash Bridge @ Arville	Closed	\$25,713,599.97 TOTAL \$6,932,932.63 \$482,000.00 \$4,037,385.53 \$69,932.30 \$155,540.00 \$115,000.00 \$11,069,252.07 \$166,990.74 \$441,753.51 \$118,463.30 \$3,332,227.08 (\$202,889.63) \$808,963.97 \$6,112,843.32 \$61,900.00 \$294,818.61

PROJECT	NAME	STATUS	TOTAL
CLA04E99	Flamingo Wash, McLeod Dr to Maryland PKWY	Open	\$2,980,000.00
CLA04F99	Flamingo Wash, I-515 to McLeod Dr	Closed	\$1,252,537.43
CLA04G00	Flamingo Wash at Boulder Highway	Closed	\$860,102.20
CLA04H00	Flamingo Wash, Boulder Highway to Mojave Rd	Closed	\$6,284,809.40
CLA04I01	Flamingo Wash, Spencer Street Bridge & Approach Channel	Closed	\$2,436,743.83
CLA04M06	Flamingo - Boulder HWY N, Sahara Ave to Flamingo Wash	Closed	\$1,027,029.82
CLA04Q08	Flamingo Wash, Nellis Blvd to I-515	Closed	\$995,990.90
CLA04R08	Flamingo Wash, Desert Inn to Eastern Avenue	Closed	\$7,869,248.66
CLA04U10	Flamingo-Boulder Highway North, Sahara Ave to Flamingo Wash	Closed	\$10,933,404.28
CLA04V10	Flamingo Wash, Nellis Boulevard to I-515	Closed	\$11,132,175.16
CLA04Y19	Flamingo Wash, Maryland Pkwy to Palos Verdes Street	Open	\$535,000.00
CLA05A91	Duck Creek Bridges @ Tomiyasu & La Casita	Closed	\$814,243.47
CLA06A91	Range Wash Confluence Detention Basin Facilities	Closed	\$479,952.25
CLA07A92	Sloan Channel (Las Vegas Wash to Owens)	Closed	\$4,820,788.11
CLA07B01	Sloan Channel, Las Vegas Wash to Charleston	Closed	\$340,747.81
CLA08A92	Lower Duck Creek Detention Basin Predesign	Closed	\$807,918.53
CLA08B93	Lower Duck Creek DB ROW	Closed	\$5,921,794.42
CLA08C98	Lower Duck Creek Detention Basin & Outfall Channel	Closed	(\$11,828.26)
CLA08D01	Duck Creek, Lower Detention Basin to I-15	Closed	\$9,691,844.67
CLA08F03	Duck Creek, Lower Detention Basin to Silverado Ranch Blvd	Closed	\$3,717,281.04
CLA08H05	Duck Creek, Railroad Detention Basin	Closed	\$673,683.44
CLA08K07	Duck Creek Channel, Silverado Ranch Blvd to Las Vegas Blvd	Closed	\$8,698,135.53
CLA08M08	Duck Creek, Railroad Detention Basin	Closed	\$13,302,732.94
CLA08Q13	Duck Creek at Dean Martin	Closed	\$413,865.28
CLA08R13	Duck Creek, Las Vegas Boulevard	Closed	\$414,932.34
CLA08S13	Silverado Ranch Detention Basin and Outfall Facilities	Open	\$1,450,000.00
CLA08W16	Duck Creek at Dean Martin	Closed	\$3,058,969.76
CLA09A97	Durango Collector (Hacienda to Twain)	Closed	\$366,253.18
CLA09B99	Durango Collector (Twain to Hacienda)	Closed	\$100,005.00
CLA09C06	Durango Collector (Twain to Hacienda)	Closed	\$1,126.53
CLA10A97	Tropicana Wash (Paradise Road to Koval Lane)	Closed	\$228,665.56
CLA10D07	Tropicana Wash at Swenson Street	Closed	\$1,253,646.20
CLA10F10	Flamingo Wash, UPRR to Hotel Rio Drive	Open	\$46,000.00
CLA10G12	Tropicana Wash at Swenson Street	Closed	\$7,078,794.79
CLA10H13	Airport Channel - Naples	Open	\$1,710,000.00
CLA10I19	Wagon Trail Chnl, Sunset Rd to Teco Avenue	Open	\$368,800.00
CLA12A97	Desert Inn Detention Basin & Collection System	Closed	\$346,843.68
CLA12B98	Desert Inn Detention Basin & Collection System/DI Lateral	Closed	\$43,197.00

PROJECT	NAME	<u>STATUS</u>	TOTAL
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 1-215	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
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
CLA22A00	Flamingo Diversion - Jones Branch	Closed	\$100,001.71

PROJECT	NAME	STATUS	TOTAL
CLA22B03	Flamingo Diversion - Jones Branch	Closed	\$1,100,000.00
CLA26C08	Flam Div - South Buffalo Branch, Flamingo Wash to Patrick Lane	Closed	\$776,336.79
CLA27C08	Flamingo Diversion - Rainbow Branch	Closed	\$980,601.33
CLA28D18	Vandenberg North DB, Collection & Outfall, Phase I	Open	\$3,765,000.00
CLA35A11	Tropicana Avenue Conveyance, LVW to Mtn. Vista	Closed	\$249,789.19
CLA36A18	Jim McGaughey DB, Collection Basin and Outfall	Open	\$4,432,870.00
CLA38C20	Duck Creek Haven Street Storm Drain	Open	\$354,000.00
CLA38D20	Duck Creek Haven Street Storm Drain	Open	\$3,748,000.00
CLA38E20	Duck Creek - Jones Boulevard Storm Drain	Open	\$3,650,769.00
CLA38F20	Blue Diamond Channel 02, Decatur-Le Baron to Richmar	Open	\$1,918,488.00
CLA38G20	Blue Diamond Railroad Channel	Open	\$1,637,520.00
CLA39A19	Duck Creek/Blue Diamond, Bermuda Rd to LV Blvd	Open	\$453,000.00
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 \$255,468,242.51
Clark County	Outlying		
PROJECT	NAME	STATUS	TOTAL
BUN01A90	Bunkerville Channel (aka Windmill Channel)	Closed	\$817,795.45
BUN01B98	Bunkerville Flood Control Improvements	Closed	\$5,734,536.80
BUN01C05	Windmill Wash Outfall	Closed	\$2,839,135.00
BUN01D11	Windmill Wash Detention Basin Expansion	Open	\$880,000.00
GSP01A88	Goodsprings Flood Control Improvements	Closed	\$72,275.84
GSP01B10	Goodsprings - Phase I	Open	\$83,400.00
IND01A98	Indian Springs Flood Control Improvements	Closed	\$579,193.24
LAU01A89	Unnamed Wash, Laughlin	Closed	\$349,995.99
LAU02A89	Hiko Springs, Laughlin	Closed	\$369,974.40
LAU02B92	Hiko Springs, Laughlin, Remap	Closed	\$8,000.00
LAU03A96	Hiko Springs Outfall Channel	Closed	\$7,771,291.25
LAU04A08	SR 163 at Casino Drive	Open	\$528,500.00
MOA01A89	Cooper Ave. Crossing - Moapa Valley	Closed	\$185,000.00
MOA01B89	Muddy River West Levee, Moapa Valley	Open	\$13,501,000.00
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PROJECT	NAME	STATUS	TOTAL
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	Closed	\$966,120.32
	Yamashita St		
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
			\$75,176,834.19
COE/Clark (County		
PROJECT	NAME	STATUS	TOTAL
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			
Henderson PROJECT	NAME	STATUS	TOTAL
Henderson PROJECT HEN01A87	NAME Pittman Wash Channel Design (Phases I, II,	STATUS Closed	TOTAL \$533,554.14
PROJECT HEN01A87	Pittman Wash Channel Design (Phases I, II, III)	Closed	\$533,554.14
PROJECT HEN01A87 HEN01B87	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanic Street Bridges	Closed Closed	\$533,554.14 \$1,660,108.81
PROJECT HEN01A87 HEN01B87 HEN01C90	Pittman Wash Channel Design (Phases I, II, III)	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10
PROJECT HEN01A87 HEN01B87	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanic Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach	Closed Closed Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanic Street Bridges Pittman Wash Channel - Phase I Construction	Closed Closed Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanic Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515	Closed Closed Closed Closed Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01I14	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanic Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515	Closed Closed Closed Closed Closed Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01I14 HEN02A89	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanic Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge	Closed Closed Closed Closed Closed Closed Closed Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01H14 HEN02A89 HEN03A91	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanie Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder	Closed Closed Closed Closed Closed Closed Closed Closed Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01I14 HEN02A89 HEN03A91 HEN04A91	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanie Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder Design	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57 \$1,009,074.06 \$173,333.98
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01I14 HEN02A89 HEN03A91 HEN04A91 HEN04B93 HEN04E96	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanie Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57 \$1,009,074.06 \$173,333.98 \$2,636,599.02
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01I14 HEN02A89 HEN03A91 HEN04A91 HEN04B93	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanie Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder Design Mission Hills Western Interceptor Diversion	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57 \$1,009,074.06 \$173,333.98
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01I14 HEN02A89 HEN03A91 HEN04A91 HEN04B93 HEN04E96 HEN04F97	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanic Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder Design Mission Hills Western Interceptor Diversion Black Mountain Detention Basin	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57 \$1,009,074.06 \$173,333.98 \$2,636,599.02 \$275,048.92
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01H14 HEN02A89 HEN03A91 HEN04A91 HEN04B93 HEN04E96 HEN04F97 HEN04I98	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanic Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder Design Mission Hills Western Interceptor Diversion Black Mountain Detention Basin C-1 Channel (Culvert) at Lake Mead	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57 \$1,009,074.06 \$173,333.98 \$2,636,599.02 \$275,048.92 \$907,210.00
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01H14 HEN02A89 HEN03A91 HEN04A91 HEN04B93 HEN04B93 HEN04E96 HEN04F97 HEN04I98 HEN04K99 HEN04O09	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanie Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder Design Mission Hills Western Interceptor Diversion Black Mountain Detention Basin C-1 Channel (Culvert) at Lake Mead Upper and Middle Reaches of the C-1 Channel C-1, Four Kids Wash - Lake Mead to Eagle Rock	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57 \$1,009,074.06 \$173,333.98 \$2,636,599.02 \$275,048.92 \$907,210.00 \$521,871.29 \$22,905.46
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01H14 HEN02A89 HEN03A91 HEN04A91 HEN04B93 HEN04E96 HEN04F97 HEN04I98 HEN04K99 HEN04O09	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanie Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder Design Mission Hills Western Interceptor Diversion Black Mountain Detention Basin C-1 Channel (Culvert) at Lake Mead Upper and Middle Reaches of the C-1 Channel C-1, Four Kids Wash - Lake Mead to Eagle Rock Racetrack Channel, Drake to Burkholder	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57 \$1,009,074.06 \$173,333.98 \$2,636,599.02 \$275,048.92 \$907,210.00 \$521,871.29 \$22,905.46 \$76,414.93
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01I14 HEN02A89 HEN03A91 HEN04A91 HEN04B93 HEN04E96 HEN04F97 HEN04I98 HEN04K99 HEN04C09 HEN04P09 HEN04Q15	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanie Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder Design Mission Hills Western Interceptor Diversion Black Mountain Detention Basin C-1 Channel (Culvert) at Lake Mead Upper and Middle Reaches of the C-1 Channel C-1, Four Kids Wash - Lake Mead to Eagle Rock Racetrack Channel, Drake to Burkholder Racetrack Channel, Drake to Burkholder	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57 \$1,009,074.06 \$173,333.98 \$2,636,599.02 \$275,048.92 \$907,210.00 \$521,871.29 \$22,905.46 \$76,414.93 \$833,948.46
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01I14 HEN02A89 HEN03A91 HEN04A91 HEN04B93 HEN04E96 HEN04F97 HEN04I98 HEN04C99 HEN04C09 HEN04C09 HEN04C09	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanie Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder Design Mission Hills Western Interceptor Diversion Black Mountain Detention Basin C-1 Channel (Culvert) at Lake Mead Upper and Middle Reaches of the C-1 Channel C-1, Four Kids Wash - Lake Mead to Eagle Rock Racetrack Channel, Drake to Burkholder Racetrack Channel, Drake to Burkholder Sunset D B, Collection Sys, & Outfall (Pioneer DB)	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57 \$1,009,074.06 \$173,333.98 \$2,636,599.02 \$275,048.92 \$907,210.00 \$521,871.29 \$22,905.46 \$76,414.93 \$833,948.46 \$3,749,294.23
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01H14 HEN02A89 HEN03A91 HEN04A91 HEN04B93 HEN04E96 HEN04F97 HEN04I98 HEN04K99 HEN04O09 HEN04P09 HEN04P09 HEN04P09 HEN05C01	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanic Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder Design Mission Hills Western Interceptor Diversion Black Mountain Detention Basin C-1 Channel (Culvert) at Lake Mead Upper and Middle Reaches of the C-1 Channel C-1, Four Kids Wash - Lake Mead to Eagle Rock Racetrack Channel, Drake to Burkholder Racetrack Channel, Drake to Burkholder Sunset D B, Collection Sys, & Outfall (Pioneer DB) Pioneer Detention Basin	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57 \$1,009,074.06 \$173,333.98 \$2,636,599.02 \$275,048.92 \$907,210.00 \$521,871.29 \$22,905.46 \$76,414.93 \$833,948.46 \$3,749,294.23 \$4,323,566.57
PROJECT HEN01A87 HEN01B87 HEN01C90 HEN01F00 HEN01H09 HEN01I14 HEN02A89 HEN03A91 HEN04A91 HEN04B93 HEN04E96 HEN04F97 HEN04I98 HEN04C99 HEN04C09 HEN04C09 HEN04C09	Pittman Wash Channel Design (Phases I, II, III) Warm Springs & Stephanie Street Bridges Pittman Wash Channel - Phase I Construction Pittman Wash Lower Reach Pittman Wash, Duck Creek at I-515 Pittman Wash, Duck Creek at I-515 Green Valley Parkway Bridge UPRR Channel C-1 Predesign / Mission Hills Design C-1 Channel / Lake Mead Dr. to Burkholder Design Mission Hills Western Interceptor Diversion Black Mountain Detention Basin C-1 Channel (Culvert) at Lake Mead Upper and Middle Reaches of the C-1 Channel C-1, Four Kids Wash - Lake Mead to Eagle Rock Racetrack Channel, Drake to Burkholder Racetrack Channel, Drake to Burkholder Sunset D B, Collection Sys, & Outfall (Pioneer DB)	Closed	\$533,554.14 \$1,660,108.81 \$2,744,110.10 \$324,343.79 \$349,813.57 \$2,295,044.97 \$1,128,513.78 \$117,073.57 \$1,009,074.06 \$173,333.98 \$2,636,599.02 \$275,048.92 \$907,210.00 \$521,871.29 \$22,905.46 \$76,414.93 \$833,948.46 \$3,749,294.23

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PROJECT	NAME	STATUS	TOTAL
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	Closed	\$10,000.00
1121112103	Dunes Avenue		. ,
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 1	Closed	\$3,458,916.31
HEN16E15	Pittman North DB & Outfall, Phase II - Starr Avenue	Closed	\$1,865,136.31
HEN16F17	Pittman North Detention Basin & Outfall, Phase III	Open	\$25,700,000.00
HEN19B06	Northeast Detention Basin Outfall	Closed	\$337,852.88
HEN19C07	Northeast Detention Basin, Levee and Outfall	Closed	\$13,366,601.89
HEN21A05	Pittman Railroad, MacDonald Ranch Channel	Closed	\$253,025.49
HEN21B08	Pittman Railroad, MacDonald Ranch Channel	Closed	\$2,025,749.22
HEN22A09	Anthem Pkwy Channel, Horizon Ridge to	Closed	\$94,222.77
HEN23A09	Sienna Heights Center Street Storm Drain	Closed	\$564,095.75

PROJECT	NAME	STATUS	TOTAL
HEN24A11	Duck Creek, Sunset to Sandhill	Closed	\$535,983.84
HEN24B13	Duck Creek, Sunset to Sandhill	Closed	\$3,475,829.83
HEN25B19	Pittman Pabco - Boulder Highway Crossing	Open	\$1,454,530.00
HLD06B19	Chickasaw Storm Drain	Open	\$1,999,964.00
HLD15A06	Blackridge Road Storm Drain System	Closed	\$529,071.04
			\$151,450,183.50
I as Wassa			
Las Vegas	NIABET	COP A OPILIC	TOTAL
PROJECT	NAME	STATUS	TOTAL
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/Doc AvWestcliff Dr	Closed	\$84,175.72
LAS02F93	Buffalo Channel / Doe-Westeliff	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 Bl System	Closed	\$631,418.63
LAS04C91	Oakey Bl System/Decatur Bl Crossing	Closed	\$35,000.00
LAS04E94	Oakey Conveyance Phase II	Closed	\$1,083,848.86
LAS05A87	Meadows Detention Basin	Closed	\$120,000.00
LAS05B87	Meadows Detention Basin	Closed	\$3,432,123.00
LAS05C00	Meadows Detention Basin Expansion (Resol 00-2)	Closed	\$150,000.00
LAS05D01	Meadows Detention Basin Expansion (Resol 01-3)	Closed	\$3,422,258.00
LAS05H08	Alta Parallel System	Closed	\$8,165,350.58
LAS05I08	Oakey-Meadows Storm Drain, Phase I	Closed	\$12,686,286.59
LAS05J10	Oakey Meadows Storm Drain-Phase II	Closed	\$9,822,984.14
LAS05L20	Meadows-Charleston SD, Essex to Lindell	Open	\$817,308.00
LAS05M20	Meadows Detention Basin Upgrade	Open	\$154,000.00
LAS06A87	Major Conveyance System West of I-15	Closed	\$229,005.59
LAS06B87	Major Conveyance System East of I-15	Closed	\$29,022.50
LAS06C93	Freeway Channel/Sahara - Ivanhoe	Closed	\$670,067.29
LAS07A89	Durango Storm Drain	Closed	\$596,059.22
LAS08A89	Carey Ave./Lake Mead Detention & Conveyance System	Closed	\$6,148,651.98
LAS09A89	Washington Ave. System	Closed	\$313,726.91
LAS09B91	Washington Ave. System/Sandhill-Bruce	Closed	\$497,000.00
LAS09D92	Washington Ave./Sandhill-Virgil	Closed	\$1,594,925.69
LAS09F93	Washington/Sagman-LV Creek Right-of-Way	Closed	\$245,428.78
LAS09G94	Washington Ave. / Lena-Eastern (LOMR)	Closed	\$4,643,824.92
LAS09H94	Upper Washington Channel & Freeway Channel	Closed	\$1,206,684.74
LAS09I96	Washington/Eastern-Sagman	Closed	\$3,078,027.28

PROJECT LAS09J97	NAME Freeway Channel System - Alta Drive to	STATUS Closed	TOTAL \$13,839,202.95
L/1507377	UPRR	Closed	\$13,037,202.73
LAS09K97	Upper Washington Avenue - Sagman to Bonanza	Closed	\$4,421,963.25
LAS09L98	Freeway Channel - Alta Dr to Sahara Avenue	Closed	\$2,778,531.48
LAS09M98	Freeway Channel North/ Washington Avenue - Vegas Drive	Closed	\$257,916.45
LAS09O99	Freeway Channel - Alta Dr to Sahara Ave & Bypass Facility	Closed	(\$5,613.65)
LAS09P00	Freeway Channel - Alta to Sahara & Bypass Facilities (CM)	Closed	\$2,280,263.22
LAS09R01	Las Vegas Creek Channel - Parallel System at Decatur Blvd (Resol 01-4)	Closed	\$247,000.00
LAS09U05	Las Vegas Creek Channel - Parallel System	Closed	\$5,628,281.00
LAS09V05	Oakey Drain, Birch Street to Cahlan Drive	Closed	\$851,548.86
LAS09W08	Oakey Drain, Birch Street to Cahlan Drive	Closed	\$6,500,607.90
LAS09Y09	Oakey Drain - Cahlan Dr to Barnard Dr	Closed	\$370,483.19
LAS10A91	Gowan North Channel	Closed	\$110,000.00
LAS10B93	CAM-10 & Lone Mtn. Detention Basins Predesign	Closed	\$212,800.00
LAS10C94	Lone Mtn. Detention Basin	Closed	\$905,972.72
LAS10D95	Gowan North Channel - Gowan North Detention Basin	Closed	\$904,292.71
LAS10E97	Gowan North Channel - Gowan Detention Basin to Buffalo	Closed	\$3,150,210.59
LAS10F97	Gowan Outfall Lone Mtn Branch - Ferrell St to Kenny Way	Closed	\$111,327.87
LAS10H98	Gowan North Buffalo Branch (Chnl) - Atwood to Lone Mtn Rd	Closed	\$285,859.78
LAS10J98	Gowan North Chnl-Alexander Dr to Lone Mtn Rd & LM Outfall	Closed	\$651,405.16
LAS10K99	CAM 10 Detention Basin (aka Ann Road DB)	Closed	\$682,577.04
LAS10L99	Gowan North-Buffalo Branch	Closed	\$162,106.81
LAS10M00	Gowan North - Buffalo Branch (Gowan Road & Buckskin Ave)	Closed	\$608,179.39
LAS10N00	Gowan Outfall, Lone Mountain Branch (Allen Lane-Ferrell)	Closed	\$1,545,053.54
LAS10P00	Gowan/Lone Mountain System - Gilmore Channel (CM)	Closed	\$8,492.19
LAS10Q01	Gowan/Lone Mountain System - Gilmore Channel (Developer Participation)	Closed	\$1,383,723.00
LAS10R00	Gowan North - Buffalo Branch (Cheyenne Avenue to Lone Mtn Road)	Closed	\$2,462,085.23
LAS10Y05	Gowan Lone Mountain System - Cliff Shadows Park	Closed	\$1,549,850.67
LAS11A92	Rampart Storm Drain (Angel Park-Peccole 1)	Closed	\$44,809.03
LAS11B93	Rampart Storm Drain Construction	Closed	\$185,842.34
LAS12A92	Alta Storm Drain (Meadows V)	Closed	\$851,465.76
LAS13A92	Cheyenne Channel / Buffalo - Gowan Design	Closed	\$86,475.85
LAS13B94	Cheyenne Channel Crossings Developer Participation	Closed	\$709,000.00
LAS13C93	Cheyenne Channel / Buffalo - Gowan	Closed	\$1,107,787.47
LAS14A95	Washington Avenue - I-15 to Martin Luther King	Closed	\$74,429.00

PROJECT	NAME	STATUS	TOTAL
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
LAS16013	Rancho Rd System-Elkhorn, Fort Apache to Grand Canyon	Closed	\$2,287,600.29
LAS16P15	Rancho Road System - Elkhorn, Grand Canyon to Hualapai	Open	\$654,000.00
LAS16Q18	Rancho Road System-Elkhorn, Grand Canyon to Hualapai	Closed	\$4,772,370.59
LAS17A98	Las Vegas Wash/ Rancho Drive System (Peak Dr - Lake Mead)	Closed	\$419,095.42
LAS17D02	Las Vegas Wash - Rancho Drive System (Carey/Lake Mead DB to Peak Dr)	Closed	\$6,273,291.56
LAS17F07	Peak Drive System (Jones Blvd to Michael Way)	Closed	\$4,501,941.03
LAS18A98	Las Vegas Wsh/Smoke Ranch Sys: Peak Dr/Torrey Pines-Jones	Closed	\$147,617.92
LAS18B00	Las Vegas Wash - Smoke Ranch System (Peak Drive: Torrey Pines - Jones)	Closed	\$1,782,103.78
LAS19A99	Owens Avenue System: Rancho Drive to I-15	Closed	\$292,162.08
LAS19B01	Owens Avenue System (Rancho Drive to I-15)	Closed	\$4,430,278.94
LAS19D11	Vegas Dr Storm Drain - Rancho to Shadow Mountain	Closed	\$10,997,022.53
LAS19E20	Owens Ave System-Vegas SD, Shadow Mtn to Jones	Open	\$854,000.00
LAS20A00	Rancho Rd System: Durango to US-95 Interchange	Closed	\$448,364.70
LAS22B05	Las Vegas Wash - Jones Blvd, Elkhorn Rd to Farm Rd	Closed	\$92,244.72
LAS22C06	Las Vegas Wash - Elkhorn (Rainbow Blvd to Torrey Pines Drive)	Closed	\$274,272.89
LAS22D06	N & S Environ Enhancement Areas - Floyd Lamb Park	Closed	\$2,252,837.16
LAS22E06	Las Vegas Wash - Decatur Blvd (Centennial PKWY to Farm Road)	Closed	\$2,454,915.36
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

PROJECT	NAME	STATUS	TOTAL
LAS22H07	Las Vegas Wash - Elkhorn Rd, Rainbow Blvd	Closed	\$6,561,592.06
L/10221107	to Torrey Pines Dr	Closed	\$0,501,572.00
LAS22I08	Las Vegas Wash - Decatur Blvd (Elkhorn Rd to	Closed	\$2,950,783.84
LAS22J08	Farm Rd) Las Vegas Wash - Jones Blvd, Elkhorn to Farm	Closed	\$1,683,390.48
LAS22K08	LVW - Grand Teton, Mountain Spa to	Closed	\$850,522.21
LASZZKOO	DurangoDrive	Closed	3030,322.21
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	Closed	\$4,812,849.19
1 4 5 2 2 1 1 1 0	Durango Drive	Onan	¢1 100 000 00
LAS22U19	Brent Drainage System-Durango to OHarc Ave	Open	\$1,100,000.00
LAS23C08	Horse Drive Interchange	Closed	\$5,392,419.91
LAS23D13	Centennial Parkway Channel West - US95	Closed	\$1,411,812.73
LAS23E13	Crossing Centennial Pkwy Channel West-CC 215, Pioneer Way to US95	Open	\$875,687.00
LAS23F14	Centennial Parkway Channel West-CC215, Pioncer Way to US95	Open	\$13,259,884.00
LAS23G15	Centennial Parkway Channel West-US95,	Open	\$1,261,471.00
LAS23H15	CC215 to Durango Centennial Parkway Channel West-US95,	Open	\$985,231.00
LAS23I17	Durango to Grand Teton Cent Pkwy Chnl West-US95, CC215 to Grand Teton, Kyle Cyn	Open	\$26,425,221.00
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	Closed	\$1,595,874.26
LA324L07	(Rancho Drive to Decatur Boulevard)	Closed	\$1,555,674.20
LAS24H13	Gowan North-Buffalo Branch,Lone Mtn to Washburn Rd	Closed	\$953,701.76
LAS24I15	Gowan Box Canyon - Lone Mountain Road	Open	\$704,000.00
LAS24J15	Gowan North - El Capitan Branch, Lone	Closed	\$802,275.43
271021013	Mountain to Ann Road		, , , , , , , , , , , , , , , , , , ,
LAS24K17	Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd	Closed	\$8,180,517.28
LAS24L17	Gowan North - El Capitan Branch, Ann Road to Centennial Parkway	Open	\$861,670.00
LAS24M17	Gowan North-El Capitan Branch, Lone Mtn to Ann Rd.	Closed	\$8,839,320.65
LAS25B13	Cedar Avenue Channel Improvements	Closed	\$701,786.07
LAS25C20	Las Vegas Wash-Stewart, Las Vegas Wash to Lamb Blvd.	Open	\$1,675,190.00
LAS26A07	Grand Teton Overpass - Storm Drain	Closed	\$612,614.83
LAS26B08	Grand Teton Overpass - Storm Drain	Closed	\$1,936,755.45
LAS26C13	Grand Teton - Hualapai to Tec 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

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PROJECT	NAME	STATUS	TOTAL		
LAS28C12	Las Vegas Wash - Sloan Channel to Cedar	Open	\$110,000.00		
* + 500 + 10	Avenue		*****		
LAS29A10	Flamingo Wash, Boulder Highway North-Main	Closed	\$346,572.69		
LAS29B15	Street Flamingo-Boulder HWY N-Boulder HWY	Open	\$1,726,003.00		
LAS2/DI3	Sahara to Charleston	Open	\$1,720,003.00		
LAS29C16	Flamingo-Bldr Hwy, N Charleston-Maryland	Open	\$2,888,829.00		
	Pkwy System	•			
LAS29D17	Flamingo-Boulder Hwy North, Charleston,	Open	\$1,529,674.00		
T A C20E10	Main to Maryland	0	620 ((4.120.00		
LAS29E18	Flamingo - Boulder Hwy North - Boulder Hwy, Sahara to Charleston	Open	\$30,664,139.00		
LAS29F20	Flamingo-Boulder Hwy N Charleston-	Open	\$49,388,989.00		
2.1027.20	Maryland Pkwy System	open.	4 17,500,505.00		
LAS30A13	Gowan-Alexander Rd., Rancho Drive to	Open	\$711,938.00		
	Decatur Boulevard				
LAS31A17	LVW-Moccasin, Skye Canyon Park to Upper	Open	\$120,000.00		
LAS31B18	LVW - Moccasin, Skye Canyon Park to Upper	Oman	\$17,006,057,00		
LASSIDIO	LVW	Open	\$17,996,057.00		
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	Closed	\$227,132.20		
	Inn Rd		6251 501 05		
LLD18A02	Peak Drive, Rainbow Blvd to Torrey Pines Dr	Closed	\$371,781.85		
LLD19A18	Luning Drive Storm Drain Gilmore Ave - Decatur Blvd to Thom Blvd	Open Closed	\$1,201,965.00		
LLD99A09	Storm Drain	Closed	\$410,867.01		
	Storm Diam		\$443,253,427.17		
Marquita			· · · · · · · · · · · · · · · · · · ·		
Mesquite	NAME	<u>STATUS</u>	TOTAL		
PROJECT MES01A88	NAME Town Wash Detention Basin (Right-of-Way)	Closed	TOTAL \$9,600.50		
MES01B89	Town Wash Detention Basin (Right-of-Way) Town Wash Detention Basin (Design &	Closed	\$660,000.00		
MESOTEO	Construction)	010304	5000,000.00		
MES01C02	Town Wash Conveyance, I-15 to Virgin River	Closed	\$977,665.86		
MES01E17	Town Wash-Mesa Boulevard, El Dorado to	Open	\$539,582.75		
	Town Wash				
MES02A00	Abbott Wash Channel, I-15 to Virgin River	Closed	\$632,380.00		
MES04A15	Virgin River Flood Wall	Open	\$1,433,903.00		
			\$4,253,132.11		
North Las Vegas					
PROJECT	NAME	STATUS	TOTAL		
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	Closed	\$2,415,411.73		
	Charles)				

PROJECT	NAME	STATUS	TOTAL
NLV01C00	Upper Las Vegas Wash	Closed	\$2,590,459.93
NLV01E07	Tropical Parkway Channel East	Closed	\$1,161,535.61
NLV01G11	Ann Road Channel East, ULVW to Fifth Street	Closed	\$960,970.98
NLV01H13	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$302,073.21
NLV01J15	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$3,044,495.91
NLV02A87	W. Trib Las Vegas Wash/Craig -Alexander	Closed	\$1,268,170.85
NLV02B88	W. Trib Las Vegas Wash/Craig Ranch Golf Course-Craig	Closed	\$1,057,430.33
NLV03A88	West Range Wash Detention Basin (Facility Study)	Closed	\$273,068.12
NLV03B88	East Range Wash Detention Basin (Facility Study)	Closed	\$30,000.00
NLV03C91	West Range Wash Diversion Dike	Closed	\$339,338.71
NLV03E13	Hollywood System, Dunes South DB to Centennial Parkway	Open	\$2,706,972.00
NLV03F17	Range Wash - Ann Branch	Open	\$1,081,889.00
NLV03G17	Hollywood System, Centennial Pkwy- Speedway #2 DB	Open	\$1,586,850.00
NLV03H17	Hollywood System, Dunes S DB to Centennial Pkwy-Phase I	Closed	\$11,189,513.59
NLV03118	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
NLV04111	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
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

<u>PROJECT</u>	NAME	STATUS	TOTAL
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
NLV11A97	W. Trib Las Vegas Wash (Camino Al Norte to	Closed	\$1,494,634.14
	Ann Rd)		
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	Closed	\$5,443,730.21
14L V 15D02	Road	Closed	ψ5,115,750.21
NLV14A00	Tributary to the Western Tributary @	Closed	\$735,930.14
	Alexander Rd		,
NLV15A00	Las Vegas Wash - Losce Project	Closed	\$87,613.81
NLV16A00	Simmons Street Channel	Closed	\$1,013,785.70
NLV17A00	Centennial Parkway Channel East	Closed	\$2,486,927.42
NLV17B08	Centennial Parkway Channel East	Closed	\$19,334,832.52
NLV17C16	Fifth Street Collector, Centennial Pkwy to Deer Springs Way	Open	\$726,079.00
NLV17D18	Fifth St Collector, Centennial Pkwy to Deer Spgs Way	Closed	\$4,716,057.46
NLV18A07	Colton Channel	Closed	\$1,175,047.77
NLV18B07	Brooks Channel	Closed	\$594,278.02
NLV18C07	Freeway Channel - Owens Avenue to Miller	Closed	\$1,528,308.05
112 1 10007	Avenue		41,120,0 10111
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	\$100,000.00
		•	\$184,524,098.17
		Grand Total	\$1,191,603,375.46

Boulder City

PROJECT	NAME	STATUS	TOTAL
BOU01A87	Hemenway Wash	Closed	\$867,000.00
BOU01E19	Hemenway System, Phase IIB Improvements	Open	\$4,669,036.00
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
			\$11,674,103.43

Clark County

Cimin Count	·J		
PROJECT	NAME	STATUS	TOTAL
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	Closed	\$1,318,316.18
	& Tropicana		
CLA03G92	Van Buskirk Channel / Phase IV	Closed	\$949,302.79
CLA03H93	Van Buskirk Channel / Phases IIA & VI	Closed	\$7,076,269.80
CLA04J03	Construction	Closed	£2 700 (20 21
CLA04303	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 &	Closed	\$9,575,705.90
	Construction		
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	Closed	\$1,598,918.50
	Stephaine St)ROWA		
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

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

Clark County Outlying

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

Henderson

PROJECT	NAME	STATUS	TOTAL
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			
PROJECT	NAME	STATUS	TOTAL
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 LIPRR	Closed	\$6,279,449.66

Memorial Dr - UPRR

PROJECT	NAME	STATUS	TOTAL
LAS09O99	Freeway Channel - Alta Dr to Sahara Ave &	Closed	\$36,285,968.75
T 4 COOTO 4	Bypass Facility	C1 1	0.4.00 < 0.00 = 5 <
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	\$10,760,129.85
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	Closed	\$573,652.99
	Drain)		,
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
LAS22009	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
			\$228,165,907.34
Mesquite			
PROJECT	NAME	<u>STATUS</u>	TOTAL
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 V	egas		
PROJECT	NAME	<u>STATUS</u>	TOTAL
NLV01D03	Upper Las Vegas Wash	Closed	\$31,132,709.75
NLV01D03 NLV01F09	Tropical Parkway Channel East	Closed	\$5,900,026.83
NLV01F09 NLV01I14	Ann Road Channel East, ULVW to Fifth Street	Closed	\$5,580,349.42
NLVUIII4	Ann Road Chamier East, OLV W to Fifth Street	Closed	\$3,300,347.42

1/13/2021 - payas444

PROJECT	NAME	STATUS	TOTAL
NLV03D93	West Range Wash Diversion Dike	Closed	\$2,251,608.79
NLV03J19	Hollywood System, Phase II, NAFB Reach	Open	\$19,921,851.00
NLV03K19	Range Wash - Ann Branch, Phase II	Open	\$7,697,245.00
NLV03L20	Hollywood System, Centennial Pkwy to Speedway #2 DB	Open	\$10,355,000.00
NLV04D04	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$1,179,589.48
NLV04H09	Simmons Street Drainage Improvements - Gowan Outfall	Closed	\$2,280,988.68
NLV04J14	Simmons Street Drainage Impvments-Alexander to Gowan Outfall	Closed	\$14,878,224.09
NLV05B92	Upper Las Vegas Wash Detention Basin Construction	Closed	\$8,010,318.87
NLV06B93	Kyle Detention Basin	Closed	\$5,037,000.00
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$4,433,240.98
NLV09B99	Vandenberg Detention Basin	Closed	\$5,347,006.76
NLV09H14	Centennial Collector	Closed	\$2,256,922.92
NLV09J19	Beltway Detention Basin, Collection and Outfall	Open	\$16,778,289.00
NLV09K19	Vandenberg North DB, Collection & Outfall, Phase II	Open	\$25,999,000.00
NLV10E03	"A" Channel Three Bridges Project (Cheyenne Ave, Las Vegas Blvd, and Carey Ave)	Closed	\$9,966,315.63
NLV10G03	Cheyenne Peaking Basin, Collection & Outfall - Alexander Rd to Cheyenne Ave	Closed	\$15,482,525.64
NLV10J10	LV Wash Main Branch-LV Blvd. to Lake Mead Blvd.	Closed	\$21,161,048.84
NLV11C98	W. Trib Las Vegas Wash Chnl, Ph I (Ann Rd - Clayton St)	Closed	\$7,898,144.87
NLV11D99	W. Trib Las Vegas Wash, Ph III (LLVWDB to Camino Al Norte)	Closed	\$2,499,963.56
NLV11E99	W. Trib of the Las Vegas Wash, Ph II (Ann to Centennial)	Closed	\$7,772,320.98
NLV14B03	Tributary to the Western Tributary @ Alexander Rd	Closed	\$7,636,332.88
NLV15B03	Las Vegas Wash - Losee Road	Closed	\$1,142,595.43
NLV16B03	Simmons Street Channel	Closed	\$4,885,102.93
NLV18G14	Colton Avenue Flood Control Improvements	Closed	\$6,811,918.64
			\$254,295,640.97
		Grand Total	\$900,695,641.61

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		T
Whitney Ranch Channel Replacement	HEN07G20	Construction	0 00	15,462,864.00	15,462,864.00	11/12/2020	15b
		111	64 462 060 00	645 460 864 00	645 460 004 00	ļ	-
		Henderson Total	\$1,463,860.00	\$15,462,864.00	\$15,462,864.00		<u>L.</u>
	PROJECTS	PROGRAMMED	\$16.926	5,724.00			
HENDERSON 3-YEAR TOTALS:	ESTIMATE	D RESOURCES		7,300.00			
	REMAININ	IG RESOURCES	(\$1,175	,564.00)			
LAS VEGAS (Central Las Vegas Valley)		Ta:					
Lake Mead - Carey - Lake Mead Detention Basin Outfall Carey-Lake Mead Detention Basin Outfall Modification - 2nd		Construction	555,000.00	0.00	0.00		-
Carey-Lake mead Detention Basin Ойтан modification - 2nd Supplemental	NLV19A19	Pre-Design	15.000.00	0.00	15,000.00	2/11/2021	
LVW - Moccasin, Skye Canyon Park to Upper LVW - 1st	MENISHIS	Fre-Design	13,000.00	0.00	13,000.00	2/11/2021	-
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			2,000,000				1=0
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
Meadows - Charleston Storm Drain, Essex to Lindell - Original Las Vegas Wash - Stewart, Las Vegas Wash to Lamb Blvd	LAS05L20 LAS25C20	Design	817,308.00 1,018,866.00	0 00	817,308 00 1,018,866 00	7/9/2020 9/10/2020	11a 16
Las Vegas Wash - Stewart, Las Vegas Wash to Lamb Blvd - 1st	LASZSCZU	Design	1,010,000,000	0 00	1,010,000 00	9/10/2020	10
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)		7
Cedar Avenue Channel Improvements - Closeout Freeway Channel-Washington, MLK to Rancho Drive - Closeout	LAS25B13 LAS14D14	Design Construction	(129 702 93) (795 213 15)	0.00	(129 702 93) (795 213 15)		7
Freeway Channel-Washington, MLK to Rancho Drive - Closeout	LAS14014	Design	(47.964 71)	0.00	(47 964 71)		8
Gowan North-El Capitan Branch, Lone Mtn to Ann Rd - Closeout	LAS24M17	Construction	(791,279 35)	0.00	(791,279 35)		8
Gowan North - El Capitan Branch, Lone Mountain to Ann Road -	C/10211111	00110111011	(10110100)				
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
Gowan Outfall - Alexander Rd , Decatur Blvd to Simmons Street		Construction	0 00	33,547,795 00 7,219,112 00	0.00		
Gowan Outfall - El Capitan Branch, Ann Road to Centennial 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		1001138 408011	0.00	0,021,70100	0.00		
Tetion and US95 Crossing at Kyle Canyon Road - 4th							
Supplemental	LAS23117	Construction	(2,340,014.30)	0.00	(2,340,014.30)	2/11/2021	
Centennial Pkwy Channel West - Farm Rd - US95 to Tee Pee		Design	634,195.00	0.00	0.00		
	I	as Vegas Total	\$10,960,645.36	\$54,456.666.00	\$9.771,450.36		-
					32,,		
PROJECTS PROGRAMMED \$65,417,311.36							
LAS VEGAS 3-YEAR TOTALS:		D RESOURCES		,653.00 ,202.64			

NORTH LAS VEGAS (Northern Las Vegas Valley)							
North Las Vegas Detention Basin Upgrade	-	Design	646,002.00	0 00	0.00		
Lake Mead Drain to Las Vegas Wash		Design	843,390.00	0 00	0.00	L	
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		
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 -	NLV09K19	Construction	(4 500 000 00)	0 00	(4 500 000 00)	8/13/2020	15a
1st Supplemental Orchard Collector - Charleston to Linden	MEAGRETA	Construction	0.00	6.939.465 00	0.00	0/13/2020	134
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	NLV09l13	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 L	as Vegas Total	\$9,319,812.46	\$21,106,636.00	\$7,030,420.46		
		PROGRAMMED	\$30,426				
NORTH LAS VEGAS 3-YEAR TOTALS:		D RESOURCES	\$36,113				
	KEMAININ	G RESOURCES	\$29,083	,523.54			

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 #
CLARK COUNTY (Southwest Las Vegas Valley and Outlying Ar	2361	·					
Wagon Trail Channel - Sunset to Teco	1	Construction	0.00	1,372,489.00	0.00	1	Г
Flamingo Wash, Maryland to Palos Verde		Construction	7,433,424 00	0.00	0.00		-
Airport Channel - Naples Channel and Peaking Basin	 	Construction	26,750,000 00	0.00	0.00		\vdash
Las Vegas Wash - Branch 02 - Jimmy Durante to Nellis	 	Design	402,672 00	0.00	0.00	· · · · · ·	
Las Vegas Wash - Branch 02 - Jimmy Durante to Nellis	 	Construction	0 00	6,733,463 00	0.00		
Las vegas vvasii - Branch 02 - 3mmily Durante to Ivenis	-	Construction	0.00	0,733,403.00	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
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	0.00	5.15.2525	1.0
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	CLAUDICIS	Construction	0.00	10,406,976 00		0/13/2020	-
Blue Diamond Channel, Amigo to Haven	 		806,244.00		0.00	ļ	-
	-	Design		0.00	0 00		
Blue Diamond Channel, Amigo to Haven	 	Right-of-Way	1,075,010 00	0.00	0 00		
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 Richman	1						
- 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 (Whipple Street)		Construction	12,452,852 00	0 00	0 00	77072020	100
Hiko Detention Basin Expansion		Design	206,614 00	0 00	0.00		
Searchlight-South, Encinitas St. Storm Drain - Closeout	SEA03B17		(477.791.79)			7/0/2020	-
		Construction		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
Jess Waite Wash Diversion Dike		Construction	0 00	1,597,382.00	0 00		
	Cla	rk County Total	\$66,978,616.98	\$20,110,310.00	\$1,950,739.98		
					\$1,330,733.30		
		PROGRAMMED	\$87,088,				
CLARK COUNTY 3-YEAR TOTALS:		D RESOURCES	\$100,289				
	REMAININ	G RESOURCES	\$98,338,	904.02			
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	
	City of	Mesquite Total	\$8,198,851.00	\$0.00	\$32,600.00		
			00 400 4	154.00			
		PROGRAMMED	\$8,198,8	51.00			
MESQUITE 3-YEAR TOTALS:		PROGRAMMED D RESOURCES	\$8,198,8 \$14,272,				
MESQUITE 3-YEAR TOTALS:	ESTIMATE			313.00			
	ESTIMATE	D RESOURCES	\$14,272,	313.00			
BOULDER CITY	ESTIMATE	D RESOURCES	\$14,272,	313.00			
	ESTIMATE	D RESOURCES	\$14,272,	313.00	533,766.00	2/11/2021	
BOULDER CITY Hemenway System, Phase IIB Improvements - 2nd	ESTIMATE REMAINING	D RESOURCES G RESOURCES	\$14,272, \$14,239,	313.00 713.00	533,766.00 \$533,766.00	2/11/2021	
BOULDER CITY Hemenway System, Phase IIB Improvements - 2nd	ESTIMATE REMAINING BOU01E19	Construction ulder City Total	\$14,272, \$14,239, \$133,766.00 \$533,766.00	0.00 \$0.00		2/11/2021	
BOULDER CITY Hemenway System, Phase IIB Improvements - 2nd Supplemental	BOU01E19 BOUDECTS I	Construction ulder City Total PROGRAMMED	\$14,272, \$14,239, \$13,766.00 \$533,766.00	0.00 \$0.00		2/11/2021	
BOULDER CITY Hemenway System, Phase IIB Improvements - 2nd	BOU01E19 BOU01ETS ESTIMATE	Construction ulder City Total	\$14,272, \$14,239, \$133,766.00 \$533,766.00	0.00 \$0.00 \$6.00		2/11/2021	

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 #
SUMMARY	TOTAL	. 3-YEAR PROJECTS F	PROGRAMMED ⁽²⁾	\$208,59	2,027.80			
	то	TOTAL 3-YEAR PROJECTS PROGRAMMED ⁽²⁾ \$208,592,027.80 TOTAL ESTIMATED RESOURCES (Year-1) \$161,335,939.00						
		MAINING DESIGN PROTOTAL PROJECTS F	UNDED (Year-1)		,840.80			
	CURRENT AVAILABLE	CONSTRUCTION RESC	OURCES (Year-1)	\$123,01	4,981.20			

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
							T
" " " " " " " " " " " " " " " " " " " "	Local Drainage Total		\$1,010,515.08	\$0.00	\$1,010,515.08		

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

ESTIMATED FUNDING SCHEDULE

	Funding Reques	sts Received	Estimated R	esources for CIP	Priority			
Month-Year	Facility Description	Project #	Amount	Resources (1)	Available (1)	Date	Notes	
	FISCAL YEAR 2020-21	局議場	A DAY		the area to the			
Feb-21	ESTIMATED REMAINING FISCAL YEAR CIP RESOURCES				\$78,626,746			
	Centennial Parkway Channel West - US95, CC215 to Grand Tetion and US95 Crossing at Kyle Canyon Road - 4th Supplemental	LAS23I17	-\$2,340,014		\$80,966,760			
	Hemenway System, Phase IIB Improvements - 2nd Supplemental	BOU01E19	\$533,766		\$80,432,994			
	Carey-Lake Mead Detention Basin Outfall Modification - 2nd Supplemental	NLV19A19	\$15,000		\$80,417,994			
	Town Wash - Mesa Boulevard, El Dorado to Town Wash - 5th Supplemental	MES01E17	\$32,600		\$80,385,394			
	No Projects Awaiting Funding							

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

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AGENDA ITEM

SUBJECT:

TEN-YEAR CONSTRUCTION PROGRAM AMENDMENTS

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

ADOPT AMENDMENTS TO THE TEN-YEAR CONSTRUCTION PROGRAM (FOR POSSIBLE ACTION)

FISCAL IMPACT: None.

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

Project Description	Project Number	Item No. / Action	T	Current Request TYCP Amendm Amount Amount		
Centennial Parkway Channel West – US95, CC215 to Grand Teton and US95 Crossing at Kyle Canyon Road	LAS23I17	Item #12 4th Supplemental	\$	0.00	(\$2.	340,014.30)
Hemenway System, Phase IIB Improvements	BOU01E19	Item #13 2 nd Supplemental	\$	0.00	\$	533,766.00
Carey-Lake Mead Detention Basin Outfall Modification	NLV19A19	Item #10 2 nd Supplemental	\$	0.00	\$	15,000.00

TAC AGENDA | RFCD AGENDA | ITEM #05 | ITEM # | Date: 01/28/2021 | Date: 02/11/2021

CAC AGENDA ITEM #05

Date: 02/01/2021

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Ar	equested nendment Amount
Town Wash – Mesa Boulevard, El Dorado to Town Wash	MES01E17	Item #11 2 nd Supplemental	\$ 0.00	\$	32,600.00

Respectfully submitted,

Steven C. Parrish, P.E.

General Manager/Chief Engineer

TAC AGENDA RFCD AGENDA ITEM #05 ITEM #

Date: 01/28/2021 Date: 02/11/2021

CAC AGENDA ITEM #05

Date: 02/01/2021

012821 TYCP Amend-item

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 01/19/2021
TEN YEAR CONSTRUCTION PROGRAM AMENDMENTS	
In accordance with Policies and Procedures Section II.B.9 general amendme address scheduling changes and/or the need for additional funding. This requested changes in funding, positive and negative, associated with this agenda Year Construction Program (TYCP).	agenda item addresses
Staff Recommendation:	
Approve.	
Discussion by Technical Advisory Committee:	AGENDA #05 Date: 01/28/2021
Recommendation:	
	- 1
Discussion by Citizens Advisory Committee:	AGENDA
Discussion by Citizens Advisory Committee.	#05 Date: 02/01/2021
	- 1
Recommendation:	
ACCUMINANTALIVII.	

012821 TYCP-aid

EXHIBIT C

CITY OF LAS VEGAS 10-YEAR CONSTRUCTION PROGRAM

nended February 11, 202	1				FIRST F	WE YEARS 7/2020 THRU	6/2025				
	Fac. ID	Existing Value/	Project Cost	Total	(Year 1)	(Year 2)	(Year 3)				
	Mis Range	Comments	Per MPU	Plan	FY 2021	FY 21/22	FY 22/23				
TAL PLAN			Annual Resources	\$807,616,793	844,867,242	\$39,465,960	838,262,034				
Unencumbered from previous yes	9116.468,696	Cu	mulative Available Resources	\$761,749,548	\$63,880,387	\$62,909,451	\$22,141,863				
TTY RESOURCES			Arrusi Resources	\$272,290,298	\$36,983,789	\$13,164,126	\$14,173,541		Funding Req	uests 20/21	
Unencumbered from previous yes	s22,786.776	Cu	mulative Available Resources	451515301530	825,023,144	\$28,600,169	(34-1650)	Board Date	Amount	Amendment?	Project 8
TITY TOTAL	922,700,770	\$1,372,662,650		\$258,968,655	\$10,960,645	\$12,587,081	\$42,841,388	DOM'S DAILS	\$9,771,450	To the same of the	110,501
YDROGRAPHIC BASIN: CENTRAL		\$526,443,780	8507,779,680	\$167,465,669	811,487,777	80	80		\$10,902,777	100	¢ -
SYSTEM: LV Wash 1-16 Tributary		4444 474 775	\$89,965,860	\$21,583,125	\$880,822	\$0	\$0		\$25,822		
PROJECT: Freeway Channel	- Washington, Valley V	\$148,473,570	\$49,000,000	\$21,063,125	\$000,022	20	- 20		\$20,022		
Design/Adm	in		\$1,386,330		THE REAL PROPERTY.		The state of the last				
Right-of-wi			\$1,109,080 \$6,931,650	\$8,404,030						-	_
PROJECT: Frooway Channel		n Valley View	80,931,000		-			-			
Design/Adm		o vandy view	\$1,260,270		THE RESERVE		-				
Right-of-wr			\$1,008,210	98,307,600						-	
Constructs			\$6,301,330								
PROJECT: Freeway Channel CLOSEOUT Design/Adm		Lancho	40		(\$47,90)			7/9/2020	(\$47,965)	YES	LAS14C
CLOSEOUT Design/Adm Right-of-wa	EA10 Oatle, Datt, Oatle,	Design Started 11/12 LAS14C11	\$0	(8043,170)	100			7.5-2020	Section 14 and 16		
CLOSEOUT Constructs	on		80		(3.045/fc)		فيسيسانا	7/9/2020	(\$795,213)	YES	LAS14D
PROJECT: Lake Mead - Care											
Design/Adm	IN LVLIII 0221	Design Started 19/20	\$20,790 \$16,630	9670,000	\$8,316			2/11/2021	\$15,000	YES	MLV19A
2nd Supplement Design/Adm Constructs	SAT LYLIN GAZT	NLV19A19	\$103,930	an appro	\$546,684	-		27172021	\$13,000	153	
PROJECT: Owens Avenue By		ain, Shadow Mountain to			Section 1981			-			7-5
Design/Adm	NP.		\$579 920		\$345.952		-	7/9/2020	\$345,952	NO	LAS198
1st Supplement Design/Adm	T LAPRAL CORD.			84,144,894	\$506 048			12/10/2020	\$506,048	YES	LAS198
Right-of-w Contract	ωγ (30)		\$463.940 \$2.899.800		7070			7/9/2020	\$2,000	NO	LAS 198
SYSTEM: LV Wash Central		\$369,949,500	\$221,782,930	\$54,933,983	\$2,646,495	\$0	\$0		\$2,646,488		
PROJECT: Las Vogas Wash	- Showart to Bonanza	\$369,949,000	\$221,702,930	***************************************	42,010,100	-	-		***	-	
Design/Adn	WC.	Design Started 11/12	\$1,204.620								
Right-of-w	ay LVMD 1121 & 1149	CLA15D12 / LAS28C12	\$963.690	96,635,436							
Constructi	oston Storm Drain, Esse	and a Charles	\$6,023,110								_
PROJECT: Measiows - Charle Design/Adm		OK 10 Chinesia	\$1,362,180		\$815 308			7/9/2020	\$815,308	I NO	LAS05
Right-of-w	my MECN 0000, 0081		\$1,089,750	86,548,804	\$2,000			7/9/2020	\$2,000	NO	LAS05
Conetructi	on		\$6,810,920		-						-
PROJECT: Las Vegas Wash		est to Lamb								-	
Design/Adn	nin		\$1,698,110		\$1 018 866			9/10/2020 10/8/2020	\$1,018,888 \$856,324	YES	LAS250
1st Supplement Design/Adn Right-of-w			\$1,358,490	811,310,867	\$8587324		-	10/0/2020	8000,324	100	0.010
Construct			\$8,490,570	1				-			
PROJECT: Meadows Detention	on Basin Upgrade				Total Control of the last of t			The state of the s			
Design/Adn	nın		\$117,440		\$152,000			7/9/2020	\$152,000	YES	LAS05A
Right-of-w	May LCME 0016, 0021	LVVWD cost participation Engr's Est.	\$93,950 \$587,190	82,436,000	\$2,000			7/9/2020	\$2,000	YES	LAS05N
PROJECT: Owens Avenue E	ast - LV Week to Faster		9307,100								
DeelgrvAdn			\$3,810,770				Section 1	-			
Right-of-w	my LVOE 0000, 0005		\$3,048,610	826,801,876							
Construct	ion		\$19,053,810								
SYSTEM: Sahara Boulder Highway		\$8,020,710	\$196,030,870	\$90,948,560	\$8,230,467	\$0	\$0	-	\$8,230,457		
PROJECT: Boulder Highway	Sahara Avenue - Easte	m to Boulder Hwy.						The same of the sa			
Design/Adr	nin	Pre -Design Started 09/10	\$2,767,570	819,283,321						-	
Right-of-w Construct		LAS27A09	\$2,214,050 \$13.837,830	V10,480,041			September 1				
PROJECT: Sahara Avenue -	Eastern Lateral										
Design/Adr	min		\$431,380	1, 1					_	بالمجامعية و	
Right-of-w	8AEA 0000		\$345,100	83,100,834							
Construct		north and start to	\$2,156,890					-			
PROJECT: Boulder Highway		and to Eastern	\$2,278,210	1	_			+			
DesignvAdr Right-of-v			\$1,822,570	810,040,304							
Construct	ion		\$11,391,080								_
PROJECT: Boulder Highway		lvd. to Maryland						1		-	7
Design/Adr			\$3,409,190 \$2,727,350	825,342,176							1
Right-of-v Commtruct			\$17.045,980	1							
PROJECT: Flamingo - Boule		ton - Main to Maryland						Service Servic			
Design/Adi	min	design start in 17/18	\$1,288,650	97 940 004							-
Right-of-y		LAS29017	\$1,030,920 \$6,443,270	87,312,381		-					-
PROJECT: Flaminge - Bould		DB o	90,443,270								
Boulder Hwy to Maryland Pa								1			
Demon/Ad	min FLBN 0170, 0180, 0205.	Design started in 16/17	\$2,882,190							-	
Right-of-s	min FLBN 0170, 0180, 0205. 0275, 0280 & FLMP 0000	LAS29C16	\$2,305,780	86,360,160	-				44.00		-
1st Supplement Construct	tion 0013, 0042, 0088	Engr's Est	\$14,410,970		\$1540.46			1/14/2021	\$8,360,160	YES	LAS29
PROJECT: Las Vogas Wash CLOSEOUT Desgr/Ad	min .	- Las vegas wash to	\$1,452,940	T	612970	1		9/10/2020	(\$129,703)	YES	LAS25
CLOSEOUT Design/Ad			\$1,162,360	810,010,324	412.0			2.02020	(0.00)(00)	120	17-013
	CACH 0001, 0000		\$7.264.690	-							_

CITY OF LAS VEGAS 10-YEAR CONSTRUCTION PROGRAM

mended February 1	4 2024											
nended rebidary	1, 202						VE YEARS 7/2020 THRU					
		Fac ID	Exetting Value/	Project Cost	Total	(Year 1)	(Year 2)	(Year 3)	1			
		Mile Range	Comments	Per MPU	Plan	FY 20/21	FY 21/22	FY 22/23				
TAL PLAN				Annual Resources	\$807,616,793	\$44,867,242	\$36,465,860	\$30,262,034				
Unencumbered from	n previous year	\$116,468.698	C	mulative Available Resources	\$761,749,548	\$63,880,387	\$62,909,451	\$22,141,883		Funding Req	wests 20/21	
TITY RESOURCES				Annual Resources	\$272,290,298	\$38,983,789	\$13,164,126	\$14,173,541				
Unancumbered from	n previous year	\$22.786.776		mulative Available Resources		\$28,023,144	\$28,800,189	(\$47.500)	Board Date	Amount	Amendment?	Project N
TITY TOTAL			\$1,372,662,650	\$838,754,092	\$258,968,655	\$10,960,645	\$12,587,081	\$42,841,388	-	\$9,771,450		
HYDROGRAPHIC BASIN:	GOWAN		\$447,692,150	\$127,415,880	878,871,119	(\$809,482)	\$12,587,081	\$34,519,597		(\$809,482)		
SYSTEM: Gowan North			\$273,309,150	\$126,944,520	\$76,871,119	(\$809,482)	\$12,587,081	\$34,519,597	-	(\$809,482)		
PROJECT: Gowan I	Box Canyon - L	one Mountain Road		and the same of th	Contract State of							
	Design/Admin Right-of-way Construction	GOEX 0016	Design started in 15/16 LAS24I15	\$1,061,940 \$865,550 \$5,409,720	87,209,485							
				\$5,409,720								
PROJECT: Gowan	Design/Admin	ider Rd., Decatur Bl	lvd. to Simmons Street	\$5,009,330				\$2,064,245	1/14/2021		Moved	
	Right-of-way	GOOF 0275, 0285	Design started 16/17 NLV04K17	\$4,007,480	833,547,795			61,007,240	117-202			
	Construction	0325, 0375	Engr's Est.	\$25,046,670				\$31,483,550	1/14/2021		Moved	
PROJECT: Gowan		tan Branch, Lone M				Table 1			7/9/2020	(E10 200)	YES	LAS24J
CLOSEOUT	Design/Admin Right-of-way	DOEC 0000 9eu 0076	Design started in 15/16 LAS24J15		(8000,402)	(81920)			F/8/2020	(\$18,203)	TES	CASTA
CLOSEOUT	Construction		Dis2015		(toron) and	(\$791,\$79)			7/9/2020	(\$791,279)	YES	LAS24N
PROJECT: Gowan		n Branch				THE RESERVE TO SERVE THE PERSON NAMED IN					_	
	Deeign/Admin	GOCT 0000		\$2,055,290 \$1,844,230	813,941,894			-			-	-
	Right-of-way	000.000		\$10,276,460	010,001,000							
PROJECT: Gowan	Outfelt - El Cap	itan Branch, Ann R	oad to Contennial					-				
	Design/Admin	GOEC 0100, 0126.	Design Started in 17/18	\$1,323,640		-	\$534,75				-	
	Right-of-way Construction	0152, 0178	LAS24L17	\$1,058,910 \$6,618,180	87,210,112		\$8,684,36					-
ano wor. come		Banaha ta Basaha		\$0.010,100			80,004,30					
PROJECT: Gowan -	Design/Admin	, Rancho to Decima	Design Started in 13/14	\$1.832,700			\$740.41					-
	Right-of-way	GCAL 0000, 0086	LAS30A13	\$1,466,160	95,367,966							بحبصة ا
	Construction		Engr's Est.	\$9,163,480			\$4,627,55					
PROJECT: Gowan		-99		\$1.572,190				\$071.802				
	Design/Admin Right-of-way	GOAL 0168, 0247		\$1,257,750	810,344,300			3071,002				
	Construction			\$7,860,960								
HYDROGRAPHIC BASIN: U	UPPER NORT	HERN LV WASH	\$398,526,720	\$203,558,552	\$14,831,867	\$312,350	80	88,321,791		(\$321,845)		
SYSTEM: Ann Road			\$90,182,950	\$22,381,710	(\$413,389)	(\$413,389)	50	\$0		(\$413,389)	1	
PROJECT: Ranche	Road System	- Elkhorn, Grand Ca	myon to Hualapai									
	Design/Admin	RCH8 0285	Design Started in 15/16	\$708.840	(8413,300)			-				
CLOSEOUT	Right-of-way Construction	ILCHIII (ISII)	LAS18P15	\$567,070 \$3,544,190	(10413,300)	(\$415 Associ			11/12/2020	(\$413,389)	YES	LAS160
			*****		\$12,442,782	(\$1,876,736)	\$0	\$8,321,791	11/12/2025	(\$2,510,931)		
SYSTEM: Upper Western	-		\$264,027,000	\$37,904,852	\$12,442,782	(\$1,879,730)	30	\$0,321,791		(\$2,010,931)		
			CC 218 to Grand Tate	on		[\$40.1274]			2/11/2021	(\$480,274)	YES	LAS23
4th Supplement		N65 0000, 0066, 0102,	Design Started 15/16 LAS23G15		(92,340,014)	1900 214			21112021	(4440,274)	125	
4th Supplement	Construction	0167 & CHWE 0325	LAS23H15			dt/em/an	-		2/11/2021	(\$1,659,740)	YES	LAS23
PROJECT: Brent D	rninage System	n - Durango to OHa	re									
	Design/Admin	BRDB 0107, 0157	Design Started 19/20	\$1,495,900	90,321,791			\$616,430				
	Right-of-way Construction	BRUB 0107, 0107	UAS22U19	\$1,196,720 \$7,479,480	00,021,701			\$7,705,360				
PROJECT: Brent D		n - Floyd Lamb Parl	k to Durango						Section 1			
CLOSEOUT	Design/Admin		Design Started 13/14			distant			7/9/2020	(\$83,085)	YES	LAS225
	Design/Admin	BRDB 0043	LAS22513		(8170,916)				9/10/2020	(\$87,851)	YES	LAS225
CLOSEOUT	Construction	and Minet Page 8	Con Diamon to You D	-		(\$a7.85)			W10/2020	(100,106)	153	LASZZS
PROJECT: Centen	Design/Admin	met vvost - Parin Rd	- Oso Bianca to Tee P	\$1,056,991		\$634,195	-				-	
	Right-of-way	CNFR 0000		\$845,593	96,631,622	1						
	Construction			\$5,284.954				-				
SYSTEM: Kyle Canyon			\$3,539,060	\$143,272,290	\$2,602,475	\$2,602,475	\$0	\$0		\$2,602,475		-
	Hocean Street	Canyon Park to Up										
PROJECT, LYNT-	Design/Admin		Design start in 17/18	\$3.369,870	1							-
	Right-of-way Construction	LVMO 0000	LAS31A17	\$2 895 900	82,602,475					Name and Address of the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, where the Owner, which is the Owner, which		LAS318
1st Supplement				\$0		\$2,672,475			7/9/2020	\$2,802,475	YES	

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CITY OF BOULDER CITY 10-YEAR CONSTRUCTION PROGRAM

I EMIL GOILGIII GOILGII	i itoora an										
ended February 11, 202	1				FIRST FI	/E YEARS 7/2020 TH	IRU 6/2025				
	Fac ID	Existing Value/	Project Cost	Total	(Year 1)	(Year 2)	(Year 3)				
	Mile Range	Comments	Per MPU	Plan	FY 20/21	FY 21/22	FY 22/23				
AL PLAN			Annual Resources	\$807,616,793	\$44,867,242	\$36,465,860	\$39,262,034				
Unencumbered from previous year	\$116,468,698	C	umulative Available Resources	\$761,749,548	\$63,680,387	\$62,909,451	\$22,141,883				
ITY RESOURCES	\$110,400,000		Annual Resources	\$10,271,134	(\$100,303)	\$585,200	\$830.072		Funding Requests 20/21		
Unencumbered from previous year	(\$820.327)		umulative Available Resources	310,2/1,134	(\$634 069)	(\$510,102)	(\$112.708)	Board Date	Amount	Amendment?	Project
TY TOTAL	(\$820,327)		\$37,286,080	\$9,639,522	\$533,766	\$461,233	\$232,679	Board Date	\$533,766	Amendment	Fioject
IIT IOIAL		\$70,034,560	\$37,200,000	\$9,039,522	\$333,700	3401,233	\$232,019		\$555,760	-	
YDROGRAPHIC BASIN: Boulder C	lty	\$70,034,560	\$37,286,080	\$9,639,522	\$533,768	\$461,233	\$232,679	8533,786			
SYSTEM: Georgia/Buchanan		\$17,476,410	\$9,512,310	\$8,498,414	\$0	\$461,233	\$232,679		\$0		
PROJECT: Avenue I Storm D	rain										_
Design/Admin	GBGR 0189, 0204, 0216.		\$761,110			\$461.233					
Right-of-way	0218, 0002		\$0	\$4,666,430							
***************************************	- Cardinana Pasilista		\$3,805,580								
PROJECT: Georgia Buchana Design/Admin			\$376.430				\$232,679	-			
Right-of-way	GWGM GUUS,		\$376.430	82,470,741	-		\$232,078				
Construction	G88C 003D		\$1,882,140					_		-	_
PROJECT: Georgia Avenue F	acilities - Vaquero Driv	e Bridge			The same						
Design/Admin			\$160,070							التحاصين ا	
Right-of-way Construction	GBGR 0089		\$0	\$1,168,233			-				
SYSTEM: Hemenway		\$22,237,950	\$800 380 \$3,496,330	\$533,766	\$533,766	80	80		\$533,766		
	m Dhasa MD Immerimen	design for a	eginologe.	***************************************	*****	-	-	-			
PROJECT: Hamenway System 2nd Supplement Design/Admin		Design Started 09/10	1		\$168.564			2/11/2021	\$168,566	YES	BOU01
Right-of-way	& HMLV 0004, 0006	BOU01C10		9533,796							
2nd Supplement Construction	HMVVA 0200_0201_0202	Eng Est			\$165.200			2/11/2021	\$365,200	YES	80001
SYSTEM: North Railroad		\$18,856,160	\$290,230	\$327,503	80	\$0	\$0		80		
PROJECT: Wells Drive Levee	Lining										
Design/Admin			\$48.370								
Right-of-way Construction	NRIN 0086		\$0 \$241.850	\$327,809			-				
		*** *** ***		4470 440	\$0	\$0	\$0		80		
SYSTEM: West Airport		\$11,464,040	\$23,987,210	\$279,839	20	90	90		90		
PROJECT: West Airport Facili Design/Admin			\$398.220								
Right-of-way	WAAP 0008, 0078,		\$396.220	8279,638			1				
Construction	0077		\$1,991,110							_	

20-21-10YR-PLAN Jan-Feb 3 of 4

CITY OF MESQUITE 10-YEAR CONSTRUCTION PROGRAM

nended February 11, 2021						FIRST FIVE	E YEARS 7/2020 THE	U 4/2025						
	Г	Fac ID	Existing Value/	Project Cost	Total	(Year 1)	(Year 2)	(Year 3)	1					
		Mile Range	Comments	Per MPU	Plan	FY 20/21	FY 21/22	FY 22/23						
OTAL PLAN Annual Resources				\$807.616.793	\$44,887,242	\$36,465,860	\$39,262,034	1						
Unencumbered from previous year \$118.468.698 Cumulative Available Resources					\$761,749,548	\$83,880,387	\$62,909,451	\$22 141 883						
Y RESOU		9110.402.000		Annual Resources	\$30,192,852	\$12,159,224	\$1.017.532	\$1.095.556	Funding Requests 20/21					
RESOU	Unencumbered from previous year	\$10.907.262	C	nulative Available Resources	\$30,192,002	\$3,960,374	\$4,977,908	\$6,073,462	Board Date	Amount	Amendment?	Project		
PINE		\$10,907,262			*******			2.110, 211-0	Doard Date		Amendment	Project		
ENT	ITY TOTAL		\$73,204,520	\$64,832,221	\$27,053,301	\$8,198,851	\$0	\$0		\$32,600				
HYD	ROGRAPHIC BASIN: Mes	quite	\$73,204,520	\$64,832,221	\$27,063,301	\$8,198,851	\$0	\$0		\$32,600				
SYSTEM	: Town Wash		\$31,271,987	\$20,342,184	\$17,170,292	\$8,198,851	\$0	\$0		\$32,600				
-	PROJECT: Town Wash - Me	sa Boulevard, E	Derade to Town Wa	sh		THE RESERVE THE PERSON NAMED IN			-					
	Design/Admin	TWMB 0000	Design started 17/18	\$623.347		\$534,241			Marian Maria		a marine in			
	5th Supplement Right-of-Way	thru 0044	MESO1E17	\$454,532	\$8,198,851	532 610			2/11/2021	\$32,600	YES	ME801E		
	Construction	TOWA 0120	Eng Cost Est	\$4,456.929		\$7,632,010								
	PROJECT: Town Wash Mea	a Boulevard, El	Dorado to Chaparral											
	Design/Admin.	TWMB 0052, 0084		\$891,493										
	Right-of-way	0094		\$713,195	88,871,441									
	Construction			\$6,374,160								_		
SYSTEM	: Virgin River		\$0	\$20,376,880	\$9,883,009	\$0	\$0	80		80				
	PROJECT: Virgin River Floo	d Wall				THE RESERVE TO SERVE THE PARTY NAMED IN								
	Design/Admin		Design started 15/16	\$78,530										
	Right-of-way	VREC 0000	MESO4A15	\$62,823	\$8,580,000									
	Construction		Eng Cost Est	\$465,287										
	PROJECT: Virgin River Eros	tion Protection,	Phase I											
	Design/Admin	VREC 0208, 0323,		\$107.520	21 222 222									
	Right-of-way	0508, 0519		\$926,240	\$1,323,009									
	Construction			\$901,600										

20-21-10YR-PLAN Jan-Feb 4 of 4

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AGENDA ITEM

SUBJECT:

SECOND AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

THAT THE BOARD APPROVE THE SECOND AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT WITH ICF JONES & STOKES, INC., TO EXTEND THE PROJECT COMPLETION DATE FOR THE DEVELOPMENT OF A REGIONAL IN-LIEU FEE MITIGATION PROGRAM FOR FUTURE FLOOD CONTROL MASTER PLAN PROJECTS (FOR POSSIBLE ACTION)

FISCAL IMPACT: None.

BACKGROUND:

On May 24, 2018 the District entered into a professional services contract with ICF Jones & Stokes, Inc. for the development of a Regional In-Lieu Fee Mitigation Program (ILF Program) for future flood control master plan projects. On May 23, 2019, a first amendment to the agreement was approved to extend the project completion date. Since this time, staff and ICF Jones and Stokes have completed the prospectus for the proposed ILF Program and are now working to complete the Enabling Instrument which establishes the legal and regulatory parameters for the ILF Program.

Due to coordination requirements with Clark County and other partners, an extension is needed to complete the work required to finalize the Enabling Instrument. Staff recommends extending the professional services contract from May 24, 2018 to December 31, 2021.

Respectfully submitted,

Steven C. Parrish, P.E.

General Manager/Chief Engineer

RFCD AGENDA TAC AGENDA ITEM #06 ITEM# Date: 02/11/2021

Date: 01/28/2021

CAC AGENDA **ITEM #06**

Date: 02/01/2021

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 01/19/2021
SECOND AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMING ICF JONES & STOKES, INC.	ENT
On May 24, 2018 the District entered into a professional services contract with Inc. for the development of a Regional In-Lieu Fee Mitigation Program for future plan projects. On May 23, 2019, a first amendment to the professional services a into to extend the project completion date. Since this time, staff and ICF Jones working to develop a draft prospectus for the proposed In-Lieu Fee Mitigation I	e flood control master greement was entered and Stokes have been
Due to coordination requirements with Clark County and other partners, an ecomplete the Enabling Instrument which establishes the legal and regulatory program. Staff recommends extending the professional services contract from December 31, 2021.	arameters for the ILF
Staff Recommendation:	
Approve.	
Discussion by Technical Advisory Committee:	AGENDA 06 Date: 01/28/2021
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA 06 Date: 02/01/2021
Recommendation:	

SECOND AMENDMENT TO THE AGREEMENT FOR PROFESSIONAL SERVICES CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AND

ICF JONES & STOKES, INC.

CLARK COUNTY IN-LIEU FEE PROGRAM

THIS SECOND AMENDMENT TO THE AGREEMENT is made and entered into this _____ day of _____, 2021 by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (hereinafter referred to as "DISTRICT") and ICF JONES & STOKES, INC. (hereinafter referred to as "CONSULTANT"), for development of a Clark County In-Lieu Fee Program (hereinafter referred to as the "PROJECT").

WITNESSETH

WHEREAS, the DISTRICT desires to develop and implement a Clark County In-Lieu Fee program; and.

WHEREAS, the CONSULTANT is experienced and is knowledgeable in the completion of such works; and

WHEREAS, the CONSULTANT represents that it is properly registered and qualified in accordance with the Nevada Revised Statutes and has the personnel and facilities necessary to accomplish the PROJECT within the required time; and

WHEREAS, a professional services agreement was entered into between the DISTRICT and CONSULTANT on May 24, 2018 and a first amendment to the professional services agreement dated May 23, 2019;

WHEREAS, the development of an In-Lieu Fee program, that will streamline compliance with the Clean Water Act Section 404, is a lengthy method and coordination efforts with other partners in the development have caused delays in the completion of a mitigation approval process in support of wetland permit applications and permit compliance.

WHEREAS, the DISTRICT and the CONSULTANT wish to extend the term of the contract from May 24, 2018 to December 31, 2021 complete the Enabling Instrument which establishes the legal and regulatory parameters for the ILF Program.

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

E. This AGREEMENT shall begin on May 24, 2018 and terminate on December 31, 2021 unless it is extended before the termination date with the mutual written consent of both parties or earlier terminated pursuant to Section VI.

All other sections of the original professional services agreement and first amendment to the professional services 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:
Chair	
ATTEST:	
By:	Date:
Deanna Hughes Secretary to the Board	
APPROVED AS TO LE	
Christopher Figgins RFCD Attorney	Date.
*******	****************

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

FIRST AMENDMENT TO THE AGREEMENT FOR PROFESSIONAL SERVICES

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

APPROVE AND AUTHORIZE THE GENERAL MANAGER TO SIGN THE FIRST AMENDMENT TO THE AGREEMENT FOR PROFESSIONAL SERVICES BETWEEN ARCADIS US, INC. AND THE DISTRICT TO FUND THE DEVELOPMENT OF SITE-SPECIFIC CRITERIA FOR SELENIUM IN THE LAS VEGAS WASH (FOR POSSIBLE ACTION)

FISCAL IMPACT:

\$ 99,200 Original Agreement \$179,800 First Amendment \$279,000 Total

BACKGROUND:

In May of 2019, the 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, 2022 or until site-specific criteria for the Las Vegas Wash can be developed.

On May 14, 2020, the Board approved an agreement between the District and the Southern Nevada Water Authority (SNWA) for the transfer of \$100,000 to the District to fund the first phase of the effort to establish site-specific criteria for selenium for the Las Vegas Wash. On June 11, 2020 the

RFCD AGENDA
ITEM#
Date: 02/11/2021

CAC AGENDA ITEM #07 Date: 02/01/2021 Board ratified a grant agreement between the District and NDEP for \$50,000 for the development of site-specific criteria for the Las Vegas Wash. On November 12, 2020 the Board ratified a grant agreement with NDEP for an additional \$15,000 to support the development of site-specific criteria for the Las Vegas Wash. It is anticipated that the LVVWAC agencies will approve an additional \$129,800 for the District for the development of site-specific criteria in the Las Vegas Wash and for efforts to remove select tributaries in the Las Vegas Valley from the State of Nevada 303(d) list.

The District is requesting that the Board approve the attached Agreement to increase funding and extend the completion date from December 31, 2021 to December 31, 2022 and authorize the General Manager to sign the Agreement. RFCD legal counsel has reviewed the Agreement.

Respectfully Submitted,

Steven C. Parrish, P.E.

General Manager/Chief Engineer

TAC AGENDA RFCD AGENDA ITEM #07 ITEM #

Date: 01/28/2021 | Date: 02/11/2021 | CAC AGENDA |

ITEM #07

Date: 02/01/2021

012821 Arcadis Agreement Selenium-item

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 01/19/2021					
FIRST AMENDMENT TO THE AGREEMENT FOR PROFESSIONAL SERVICES ARCADIS US INC.						
In May of 2019, the NDEP published a notice of intent to revise various water Las Vegas Wash. The proposed standards included establishing statewide criton guidance from the U.S Environmental Protection Agency. Under current co Las Vegas Wash would be in non-compliance with the proposed statewide s discussion with various stakeholders in Southern Nevada, NDEP agreed to dela selenium standard for the Las Vegas Wash until December 31, 2022 or until site Las Vegas Wash can be developed.	teria for selenium based onditions, portions of the selenium criteria. After ay the establishment of a					
On May 14, 2020, the Board approved an agreement between the District ar Water Authority (SNWA) for the transfer of \$100,000 to the District to fund the to establish site-specific criteria for selenium for the Las Vegas Wash. On J ratified a grant agreement between the District and NDEP for \$50,000 for the specific criteria for the Las Vegas Wash. On November 12, 2020 the Board rawith NDEP for an additional \$15,000 to support the development of site-spec Vegas Wash. It is anticipated that the LVVWAC agencies will approve an additional District for the development of site-specific criteria in the Las Vegas Wash as select tributaries in the Las Vegas Valley from the State of Nevada 303(d) list. The District is requesting that the Board approve the attached Agreement to increase the completion date from December 31, 2021 to December 31, 2022 and authority to sign the Agreement. RFCD legal counsel has reviewed the Agreement.	e first phase of the effort une 11, 2020 the Board he development of site- tified a grant agreement cific criteria for the Las ditional \$129,800 for the and for efforts to remove					
Staff Recommendation:						
Approve.						
Discussion by Technical Advisory Committee:	AGENDA #07 Date: 01/28/2021					
Recommendation:						
Discussion by Citizens Advisory Committee:	AGENDA #07 Date: 02/01/2021					

Recommendation:

FIRST AMENDMENT TO THE AGREEMENT FOR PROFESSIONAL SERVICES

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AND

ARCADIS US, INC.

LAS VEGAS WASH SELENIUM SITE-SPECIFIC CRITERIA DEVELOPMENT

THIS FIRST AMENDA	MENT TO THE AGREEMEN	IT is made and ent	tered into this	
day of	, 2021, by and between the	CLARK COUNTY	REGIONAL	
FLOOD CONTROL DISTRICT	(hereinafter referred to as "D	ISTRICT") and Ar	cadis US, Inc	
(hereinafter referred to as "CO	NSULTANT"), for services	related to the deve	elopment of a	
selenium site-specific surface water criteria for the Las Vegas Wash (hereinafter referred to as the				
"PROJECT").				

WITNESSETH

WHEREAS, the DISTRICT desires to complete a site-specific surface water quality criteria development for selenium; and

WHEREAS, the CONSULTANT is experienced and is knowledgeable in the completion of such works; and

WHEREAS, the CONSULTANT represents that it is properly registered and qualified in accordance with the Nevada Revised Statutes and has the personnel and facilities necessary to accomplish the PROJECT within the required time; and

WHEREAS, an agreement was entered into between the DISTRICT and CONSULTANT on April 21, 2020; and

WHEREAS, the DISTRICT would like to increase funding and extend the time of performance for the PROJECT; 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 changed to read as follows:

A. The CONSULTANT shall perform Task 1 through Task 8 including services discussed in the "Basic Services" as specified in the Revised Exhibit A (the Scope of Services), which is attached hereto, and by this reference made a part of this AGREEMENT. In addition, the CONSULTANT will perform "Supplemental Services" described in the Revised Exhibit A if, as, and when requested in writing by the General Manager. Exhibit C, the Revised Project Time Schedule, are attached hereto and by this reference are also made a part of this AGREEMENT.

Section IV

COMPENSATION AND TERMS OF PAYMENT, paragraph B.2 and B.3 shall be changed to read as follows:

- B. Compensation and Method of Payment for Services are:
- 2. The maximum cost to the DISTRICT for Basic Services Task 1 through Task 8 including services discussed in Project Description accomplished under this AGREEMENT shall not exceed Two Hundred Seventy-Nine Thousand Dollars (\$279,000) unless the DISTRICT receives a written request, with justification, and the DISTRICT approves a change in the SCOPE OF SERVICES and an increase in compensation. If approved, a supplement to this AGREEMENT must be executed. The maximum cost is based on a detailed breakdown of the estimated cost by tasks, and direct costs is shown on Exhibit E Revised Estimated Cost By Tasks, which is attached hereto, and by this reference made a part of this AGREEMENT. The estimated cost figures, per task, presented in Exhibit E may, with the written approval from the DISTRICT, be adjusted from task to task so long as the total amount does not exceed Two Hundred Seventy-Nine Thousand

- Dollars (\$279,000). Payments will be made to the CONSULTANT on a monthly basis upon receipt of a progress report and itemized invoices for work accomplished.
- 3. The total amount of this AGREEMENT shall not exceed Two Hundred Seventy-Nine Thousand Dollars (\$279,000), 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 changed to read as follows:

E. This AGREEMENT shall begin on April 21, 2020 and terminate on December 31, 2022 unless it is extended before the termination date with the mutual written consent of both parties or earlier terminated pursuant to Section VI.

 All other sections of the original AGREEMENT shall remain unchanged.

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

ARCADIS US, INC.	
Ву:	Date:
*************	************
CLARK COUNTY REGIONAL FLOOD CONTRO	DL DISTRICT
By: STEVEN C. PARRISH, P.E. GENERAL MANAGER/CHIEF ENGINEER	Date:
APPROVED AS TO LEGALITY ONLY:	
By: Christopher D. Figgins RFCD Attorney	Date:
ATTEST:	
By: Deanna Hughes Secretary to the Board	Date:

REVISED EXHIBIT A SCOPE OF SERVICES

Task 1. Project Management

This task will cover project management activities associated with the development of the Selenium Site-Specific Criteria (SSC) for the Las Vegas Wash and selenium and non-selenium 303(d) listings in the tributaries to the Las Vegas Wash. These activities include general correspondence between the project team and the DISTRICT teams, financial forecasting and tracking, and general project accounting including monthly invoicing. Ben Latham will serve as the primary project manager and point of contact between the Arcadis technical team and the DISTRICT.

It is also anticipated that periodic teleconferences will be needed to support development of the SSC in order to assess project schedule, discuss technical progress, and develop action items and appropriate milestones. These meetings are assumed to be needed on a monthly basis and would be attended by Ben Latham and Barry Fulton. Other staff would be included as needed depending on topic discussed.

Task 2. Site Visits with Stakeholders and Project Kick-off

It is anticipated that there will be a 2-day meeting and field tour with project stakeholders and Nevada Department of Environmental Protection (NDEP). This meeting and field tour will be attended by two team members to gain an understanding of the drainage basin and initiate technical discussions and collaboration with the Nevada Division of Environmental Protection (NDEP).

Arcadis also anticipates completing a second more involved site reconnaissance with key staff from the DISTRICT to better understand the watershed including assessment of potential influences, stream habitat and substrate, flow characteristics and hydrology, and natural and anthropogenic considerations. Although sampling data would not be collected, the intent of the site walk would be to better understand the watershed to support the development of the SSC. Stream hydrology, tributary contributions, and potential fish presence or absence will be integral in development of the SSC, and an understanding of the watershed will be necessary to support any meetings and engagements with the regulatory agencies.

This second meeting would also be an opportunity for project planning and technical discussions that would include an understanding of NDEP concerns and a greater understanding of the available data. These site visits and meetings would be attended by a combination of Ben

Latham, Barry Fulton, and Kevin Brix depending on expectations for the meetings. A report of findings would not be anticipated for this task, but a photographic log would be developed in order to formalize findings and convey the technical aspects identified.

Task 3. Regulatory Agency Meeting Support

It is anticipated that multiple collaborative meetings and/or teleconferences will be needed with NDEP and the U.S. Environmental Protection Agency (EPA) to support the development of the SSC and tributary 303(d) delisting process. The Arcadis team will develop meeting materials (e.g., presentation slides) to support these collaborative meetings with NDEP and EPA.

For purposes of estimating costs, the collaborative meetings with NDEP are assumed to be attended by both Ben Latham and Barry Fulton, although specific staff would be selected based on the needs and anticipated meeting topics.

Task 4. SSC Approach and Reporting

Under this task the Arcadis team will develop SSC options for Las Vegas Wash and its tributaries and an overall framework for implementing SSC to facilitate delisting of Se within the Las Vegas Wash basin from the 303(d) list, where appropriate. Based on our current understanding of the Se issues in the Las Vegas Wash basin, we anticipate the SSC approach to address the following:

Derivation of Site-Specific Fish Tissue Values. EPA's (2016) 303(a) Se criteria comprises i. both tissue and water-column elements; tissue elements (e.g., egg/ovary, whole-body, and muscle) have primacy over the water-column elements and are used to derive site-specific water-column values. As such, the first step in deriving a site-specific water-column value for Las Vegas Wash is to conduct a recalculation of the tissue criteria to reflect a sitespecific fish assemblage. Arcadis will perform this recalculation procedure after reviewing the available fisheries data for the Las Vegas Wash basin and determining fish species that can be deleted from the EPA (2016) data set. Based on a preliminary evaluation of the data, it appears that species in the *Lepomis* (bluegill/sunfish) and *Micropterus* (bass) genera inhabit Las Vegas Wash while species in the Oncorhynchus genus (rainbow trout) reside downstream in Lake Mead. Given this, it may be advantageous to consider a modified recalculation approach in which the tissue criterion is set to reflect the most sensitive resident species if it can be shown to also be protective of all other resident fish. Arcadis successfully applied this approach in the development of Se SSC for multiple surface waters in Idaho (Arcadis 2017; IDAPA 2019).

- ii. Derivation of Site-Specific Water Column Values. In July 2019, NDEP proposed 3.9 ug/L as a state-wide water column value for lotic waters based on a modified bioaccumulation factor (BAF) approach. Arcadis anticipates evaluating several options for developing sitespecific water column values for Las Vegas Wash in addition to Nevada's current approach. As discussed with DISTRICT, the objective will be to develop site-specific water column values by leveraging existing data so that additional field studies are avoided or minimized. A target fish species will be selected based on a review of the fisheries data as described above. Bioaccumulation modelling, required to translate the tissue criterion into a site-specific water column value, may include one or more of the following approaches: (1) mechanistic modelling using EPA-derived model inputs (e.g., Trophic Transfer Factors [TTFs] for the target species, Enrichment Factors [EFs] representative of the hydrological characteristics of Las Vegas Wash, and Conversion Factors [CFs] for the target species); (2) mechanistic modelling using model inputs from existing data (if available and sufficient); (3) BAF modelling based on existing data (if available and sufficient); and/or other scientifically-defensible options including recalculation of EPA's 303(a) water column values excluding species and/or surface waters not representative of Las Vegas Wash. Importantly, available fish tissue Se data reviewed by the Arcadis team (ACT I 2011) are generally less than EPA's 303(a) criteria and thresholds for what appears to be the most sensitive resident fish (9.9 mg/kg whole body dw for *Lepomis*). This finding suggests co-occurring surface water concentrations (2007-2008) are protective of resident fish and that any exceedance(s) of a Se water column criterion did not translate to actual impacts considering the more reliable fish-tissue criterion element.
- tributaries and Channels. Based on discussions with DISTRICT, we understand several tributaries on the 303(d) list for Se do not support fish due to dry, intermittent, or low-flow conditions. Arcadis suggest a strategy to address these fishless streams/channels be developed that addresses (1) selected tributaries and/or reaches do not support fish due to natural hydrological conditions; (2) application of a fish-based criteria to selected fishless waters is therefore inappropriate; and (3) alternative approaches such as measuring downstream fish and/or development of fishless stream translators are likely more appropriate for fishless streams. Arcadis will also develop water column and fish tissue values for the lower reaches of tributaries where fish may be present.
- iv. <u>Potential Background Se Issues.</u> Based on an initial literature review, it appears that some locations within the Las Vegas Wash basin are potentially impacted by naturally occurring

background concentrations of Se (Zhou et al. 2004). Any tributaries on the 303(d) list for Se that are impacted by background Se should be addressed accordingly. Revising water quality standards to account for natural background concentrations is a scientifically sound and EPA-approved method for developing SSC.

- v. <u>SSC Implementation.</u> An important aspect in the development of SSC for Se is implementation, particularly for implementing a multi-element criterion on a watershed basis. As part of SSC development, Arcadis will address key implementation components: (1) monitoring and analytical methods; (2) protection of downstream aquatic life; (3) averaging periods and allowable excursion frequencies; (4) fishless waters as described above; and (5) hierarchy of the multi-element SSC.
- vi. Evaluation of Current 303(d) Listings. Arcadis will also conduct an initial evaluation of the current 303(d) listings following the development of SSC for Se. The purpose of this evaluation will be to provide DISTRICT with an understanding of the impact of the SSC on current listings and provide a technical basis from which to re-assess the listings against the best available scientific information.
- vii. Statistical power analysis included in this phase to assess fish tissue monitoring scope for analysis and preparation of summary materials

Task 5. Fish Tissue Data Collection Support

This Task assumes that EPA and/or NDEP will require additional fish tissue data collection to support the SSC development and confirm conditions have not changed. Consultant will monitor the scope of work for the tissue collection based on the power analysis included in Task 4. It is expected that monitoring would be completed by the Southern Nevada Water Authority (SNWA) or other local entity and fieldwork associated costs (e.g., equipment, sampling supplies, laboratory shipments) have not been assumed for this task. Anticipated support includes review of monitoring plans and methods, direction provided to the field teams, planning meetings, and review of results and observations. Task also includes laboratory analysis of fish tissue collected by the SNWA using an EPA-certified laboratory(ies) and assumes that all samples will be collected and prepared according to specifications of the laboratory performing analyses and meet QA/QC requirements.

Task 6. Finalization of SSC

This Task assumes that the initial submittal of the SSC proposal will require refinements and revisions in response to feedback from the EPA and/or NDEP. Revisions may include refinement of the technical approach, additional statistical analysis, or refinements to the dataset.

Task 7. Data Collection for Tributary Assessment

A site visit is expected to be necessary to assess and document the conditions of the tributaries to develop an approach for delisting from the 303(d) list. The approach for delisting will be based on flow conditions, channel substrate, channel construction and conditions, which will need to be documented through photo documentation and a field summary report included in this Task.

Task 8. Tributary 303(d) Assessment

Current 303(d) listings in the tributaries include boron (Irrigation), selenium (AQL), TDS (Livestock watering), fluoride (Irrigation, Sloan channel only), pH (AQL, Sloan channel only) and selenium (Irrigation, Sloan channel and Flamingo Wash). This Task involves work to prepare the necessary documentation and report writing to propose delisting of the tributaries from the 303(d) list. The delisting approach is anticipated to be based on the inappropriateness of designated uses and criteria applied based on actual uses and stream conditions.

EXHIBIT B PROJECT STUDY AREA

Las Vegas Valley and the Las Vegas Wash

REVISED EXHIBIT C PROJECT TIME SCHEDULE

February 2021: Anticipated response from US EPA on appropriateness of the existing dataset.

March 2021 – May 2021: Support for planning and implementation of fish tissue data collection by SNWA or other entity.

May 2021 – July 2021: Fish tissue data collection and laboratory analysis.

August 2021 – October 2021: Update to the analytical dataset and anticipated update on fish tissue data results to NDEP. Review and revision of the SSC approach and development of draft SSC proposal.

September 2021: Site visit to support development of the SSC and collect data/field observations to support removal of the tributaries from the 303(d) list.

November 2021: Submittal of the draft SSC proposal and presentation of approach and results to NDEP and US EPA as needed.

December 2021 - February 2022: Development of tributary 303(d) delisting approaches and preparation of technical memorandum summarizing findings.

March 2022: Response and revisions to the draft SSC proposal based on comments from NDEP and/or US EPA. Meeting with NDEP and US EPA as needed.

May 2022: Submittal of revised SSC to NDEP.

EXHIBIT D

CONSULTANT'S FEE SCHEDULE Refer to attached fee schedule

REVISED EXHIBIT E

ESTIMATE COSTS BY TASKS

TOTAL SERVICES	\$ 279,000
Task 8 – Tributary 303(d) Assessment	\$32,300
Task 7 – Data Collection for Tributary Assessment	\$17,100
Task 6 – Finalization of SSC	\$23,560
Task 5 – Fish Tissue Data Collection Support	\$27,200
Task 4 – SSC Approach and Reporting	\$93,100
Task 3 – Regulatory Agency Meeting Support	\$46,500
Task 2 – Site Visit and Project Kick-off	\$22,800
Task 1 – Project Management	\$ 16,440
BASIC SERVICES	

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

MASTER PLAN UPDATE OF THE MUDDY RIVER AND TRIBUTARIES

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

THAT THE BOARD ADOPT THE FLOOD CONTROL MASTER PLAN UPDATE FOR THE MUDDY RIVER AND TRIBUTARIES (FOR POSSIBLE ACTION)

FISCAL IMPACT:

None.

BACKGROUND:

In accordance with Nevada Revised Statutes (NRS), NRS 543.596, the District is required to review its Master Plans every five years. The current Master Plan for the Muddy River and Tributaries was adopted in May 2016. District staff have prepared a Master Plan Update (MPU) for the Muddy River and Tributaries in coordination with representatives from Clark County Department of Public Works and technical support from Atkins North America, Inc. The Moapa Valley Town Advisory Board (TAB) will be addressed to share the updates to the MPU at the next available meeting (TAB meetings have been temporarily on hold due to pandemic). The Southern Nevada Regional Planning Coalition (SNRPC) will be addressed on February 8, 2021.

Due to the relatively sparse development in the Upper Muddy River watershed (Moapa and Glendale), the plan continues to recommend sound floodplain management for that area. This is consistent with recommendations of previous MPUs for this area.

TAC AGENDA | RFCD AGENDA | ITEM #08 | ITEM # | Date: 02/11/2021

CAC AGENDA ITEM #08 Date: 02/01/2021 A summary of the changes and amendments to the previous MPU are included in the Executive Summary that is provided as backup to this agenda item. The purpose of this update was to add new relevant information to the Master Plan, to assess progress towards fulfillment of the Master Plan during the past 5-year period, to identify obstacles to completing the Master Plan, and to recommend changes to the Master Plan resulting from growth and development. This effort included field investigation, data collection, hydrologic/hydraulic analyses, facility planning, cost estimate analysis, and coordination with Clark County Department of Public Works to develop the plan and mitigate flooding hazards in the planning area.

The total plan recommended for the Muddy River and Tributaries is estimated to cost approximately \$158,619,000. The total cost estimate presented in the 2016 MPU was \$118,662,000. The total estimated cost of proposed facilities has increased because of higher estimated construction costs and the addition or modification of regional facilities in the overall plan. The following table details the cost difference between the 2016 and 2020 Muddy River and Tributaries MPU:

Comparison of Proposed Master Plan Facilities Costs – 2016 MPU vs. 2020 MPU							
Costs	2016 MPU	2020 MPU	Difference				
Eastern Washes	\$ 35,729,000	\$ 50,694,000	\$14,965,00				
Lower Muddy River	\$ 46,640,000	\$ 60,240,000	\$13,600,000				
Western Washes	\$ 36,293,000	\$ 47,685,000	\$11,392,000				
Total Costs	\$118,662,000	\$158,619,000	\$39,957,000				

A public notice has been issued to notify interested parties that a public hearing will be held to consider adoption of the proposed changes and amendment to the Master Plan. The proposed MPU is the most effective structural and regulatory means for correcting existing problems of flooding within the area and dealing with the probable effects of future development.

A copy of the Executive Summary is included in the backup.

Respectfully submitted,

Steven C. Parrish, P.E.

General Manager/Chief Engineer

TAC AGENDA | RFCD AGENDA | ITEM #08 | ITEM # | Date: 02/11/2021

CAC AGENDA ITEM #08

Date: 02/01/2021

012821 MPU-Muddy River-item

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion: Date: 01/19/2021

MASTER PLAN UPDATE OF THE MUDDY RIVER AND TRIBUTARIES

In accordance with Nevada Revised Statutes (NRS), NRS 543.596, the District is required to review its Master Plans every five years. The current Master Plan for the Muddy River and Tributaries was adopted in May 2016. District staff have prepared a Master Plan Update (MPU) for the Muddy River and Tributaries in coordination with representatives from Clark County Department of Public Works and technical support from Atkins North America, Inc. The Moapa Valley Town Advisory Board (TAB) will be addressed to share the updates to the MPU at the next available meeting (TAB meetings have been temporarily on hold due to pandemic). The Southern Nevada Regional Planning Coalition (SNRPC) will be addressed on February 8, 2021.

Due to the relatively sparse development in the Upper Muddy River watershed (Moapa and Glendale), the plan continues to recommend sound floodplain management for that area. This is consistent with recommendations of previous MPUs for this area.

A summary of the changes and amendments to the previous MPU are included in the Executive Summary that is provided as backup to this agenda item. The purpose of this update was to add new relevant information to the Master Plan, to assess progress towards fulfillment of the Master Plan during the past 5-year period, to identify obstacles to completing the Master Plan, and to recommend changes to the Master Plan resulting from growth and development. This effort included field investigation, data collection, hydrologic/hydraulic analyses, facility planning, cost estimate analysis, and coordination with Clark County Department of Public Works to develop the plan and mitigate flooding hazards in the planning area.

The total plan recommended for the Muddy River and Tributaries is estimated to cost approximately \$158,619,000. The total cost estimate presented in the 2016 MPU was \$118,662,000. The total estimated cost of proposed facilities has increased because of higher estimated construction costs and the addition or modification of regional facilities in the overall plan. The following table details the cost difference between the 2016 and 2020 Muddy River and Tributaries MPU:

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Total Costs	\$118,662,000	\$158,619,000	\$39,957,000				

A public notice has been issued to notify interested parties that a public hearing will be held to consider adoption of the proposed changes and amendment to the Master Plan. The proposed MPU is the most effective structural and regulatory means for correcting existing problems of flooding within the area and dealing with the probable effects of future development. A copy of the Executive Summary is included in the backup.

Staff Recommendation:

Adopt the MPU for the Muddy River and Tributaries and find that the MPU is the most effective structural and regulatory means for correcting existing problems of flooding within the area and dealing with the probable effects of future development and forward to Clark County for adoption as an amendment to their Comprehensive Plan in accordance with NRS 543.597(5,6). The MPU will not become effective until it is adopted as an amendment by Clark County.

Discussion by Technical Advisory Committee:	AGENDA #08 Date: 01/28/2021
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA #08 Date: 02/01/2021
Recommendation:	

012821 MPU Muddy River-aid

2020 FLOOD CONTROL MASTER PLAN UPDATE MUDDY RIVER AND TRIBUTARY WASHES

Prepared By:

Clark County Regional Flood Control District 600 South Grand Central Parkway, Suite 300 Las Vegas, Nevada 89106-4511

Adopted by Regional Flood Control District Board of Directors on February 11, 2021







Executive Summary

Introduction

The Clark County Regional Flood Control District (RFCD) is responsible for developing and implementing a comprehensive flood control master plan to alleviate flooding in Clark County. Nevada Revised Statute (NRS) 543.596 requires that flood control master plans be reviewed and updated at least every 5 years. The 2020 Flood Control Master Plan Update (2020 MPU) for the Muddy River and Tributary Washes is one of those updates. The original MPU for the Muddy River area was created in 1986, and this will be the seventh update to the plan over the past 25 years (the last update prior to this was completed in 2016). This 2020 MPU is a planning tool for use by public agencies, land planners, engineers, landowners, and other entities.

Purpose, Location, and Scope

The purpose of the MPU is to add any new relevant information to the Master Plan, to assess progress towards fulfillment of the Master Plan during the 5-year period, to identify obstacles to completing the Master Plan, and to recommend changes to the Master Plan resulting from growth and development. This document presents the results of field investigation, data collection, hydrologic/hydraulic analyses, facility planning, and cost estimate analyses that led to the development of the master plan.

The Muddy River and Tributary Washes MPU study area is situated approximately 50 miles northeast of Las Vegas along the Muddy River corridor in northeast Clark County, Nevada. The valley along the Muddy River generally runs northwest to southeast and is divided into two regions (referred to in this report as Moapa and Moapa Valley) by a narrow canyon south of Interstate 15 (I-15) known as the "Narrows". To facilitate the organization and presentation of the information collected and developed for the 2020 MPU, the study area has been subdivided into four areas that will be referred to as: (1) Western Washes, (2) Eastern Washes, (3) Lower Muddy River, and (4) Moapa.

The 2020 MPU is based on assumptions about future growth and development in the study area in order to represent the ultimate hydrologic condition and to aid in the planning and preliminary design of future flood control facilities. Soils information and land use data is used in conjunction with the 100-year frequency design rainfall event to develop hydrologic computer models that establish peak flow rates and flow volumes for drainage corridors. These peak flow rates and flow volumes are then used to analyze the existing/proposed flood control system and identify deficiencies or potential flooding vulnerabilities. The recommended flood control facility plan consisting of structural improvements is then developed (or updated) in order to mitigate identified deficiencies.

The 2020 MPU also includes general information and recommendations regarding floodplain management and non-structural solutions. Floodplain management and non-structural solutions are relevant in this MPU because of the complex nature of the Muddy River floodplain that makes the structural solutions infeasible and/or difficult to implement along flat, riverine corridors that experience high flows and frequent flooding.

Watershed Analysis

The hydrologic analysis previously completed during the 2016 MPU was reviewed in detail and found to be current and representative of watershed conditions in the study area. Minor updates were completed during the 2020 MPU, including:

- Updating land use data and boundaries to correct discrepancies, to account for recent development, and to be consistent with the latest available data from Clark County Comprehensive Planning Department.
- Reviewing and modifying the subbasin boundaries, lag time, and drainage patterns in the area of the Fairgrounds-Whipple Detention Basin Project to be more consistent with the final design report and analysis for that project.
- Recalculating CN values to account for revised subbasin boundaries and land use changes.
- Updating the hydrologic analysis, routing, and models in the vicinity of Ingram Avenue, west of the Muddy River, to account for changes in the facility plan in that area.

The 2020 MPU hydrologic modeling peak flow rates were used to analyze the existing and proposed regional flood control system to ensure facilities are adequately sized and able to safely convey the 100-year flow and effectively mitigate flood hazards in the study area.

Master Plan Progress since 2016 MPU

Some progress has been made on the implementation of the flood control master plan since the 2016 MPU. This primarily consists of the following:

- The Final Design Report and plans have been completed for the Fairgrounds-Whipple Detention Basin (FGWS 0166) and Outfall System (FGWS 0000-0164) in Whipple Avenue. Construction is expected to start soon and be completed prior to the next MPU update.
- Construction was completed for the Muddy River Logandale Levee (MRLL 0001-0038) in 2018. This regional facility is now functioning as intended and the FEMA Special Flood Hazard Area behind the levee has been removed.

Recommended Flood Control Plan

Changes to the 2016 MPU recommended in the 2020 MPU are described below.

Western Washes

For most of the Western Washes, the recommended flood control plan is the same as the plan outlined in the 2016 MPU with a few modifications described below:

- Muddy River West Creek (MRWC 0000-0105). New proposed RCB storm drain facilities (MRWC 0074 and 0105) have been added to the plan along Ingram Avenue to connect to the Western Washes channel system to the Muddy River West Creek at Cooper Street. Adding these facilities results in a standalone reach of the system that can be phased and constructed starting at the downstream end and working upstream, without requiring the entire Western Washes channel system to be in place. This change also required modification of the facilities downstream of Ingram Avenue (MRWC 0000 0070) to account for the increased 100-year flow rates.
- Western Washes Railroad Channel (WWRR 0139-0204). These channel and box culvert facilities have been removed from the proposed plan between Ingram Avenue and Perkins Avenue on the west side of the UPRR alignment based on the change described above at Ingram Avenue, since flow is now intercepted and conveyed to the east at Ingram Avenue.
- Western Washes Channel System Overton Wash (WWOW 0000-0118)
 The facilities along the Western Washes downstream of Perkins Avenue,
 including the Perkins Avenue Detention Basin, have been renamed using
 the ID WWOW and constitute a standalone system that can be constructed
 independently. The facilities have also been reduced in sized because of the
 decreased flow that will now be conveyed in this system.

Eastern Washes

For most of the Eastern Washes area, the recommended flood control plan is similar to the plan described in the 2016 MPU with the following minor modifications:

- Fairgrounds-Whipple Detention Basin (FGWS 0000-0166). Updates were made to the proposed Fairgrounds-Whipple Detention Basin and outfall facility to be consistent with the latest design plans for this project. Facility sizes, lengths, alignments, and slopes were updated and ID-Mile FGWS 0000 was split to add new segments (ID-Miles 0030 and 0070) to reflect the plans and changes in facility size along Whipple Avenue.
- Lyman Street RCB (FGLS 0000). The proposed facility in Lyman Street just north of Whipple Avenue was split into ID-Miles 0000 and 0001 to account for a small segment of the facility that will be built with the

Fairgrounds-Whipple Detention Basin project. The segment to be built is a short segment of 7' x 5' RCB that will provide a stub or connection point for the future regional facility to be built upstream in Lyman Street.

Gubler Avenue Detention Basin Outfall (EWGA 0000). After a review of the drainage patterns and peak 100-year flows downstream of the Gubler Avenue Detention Basin, facility EWGA 0000 was extended farther upstream in order to account for the larger size of storm drain needed to capture and convey peak flows in this area. The drainage patterns and proposed facility will need to be reviewed during the design process to determine the best alignment and most effective way to mitigate flood hazards in this area.

Lower Muddy River

The recommended flood control plan along the Lower Muddy River is based on previous MPUs. This plan was reviewed and determined to still be current and therefore, no changes were required. Refer to Section 6 for detailed descriptions of the recommended flood control plan for the Lower Muddy River.

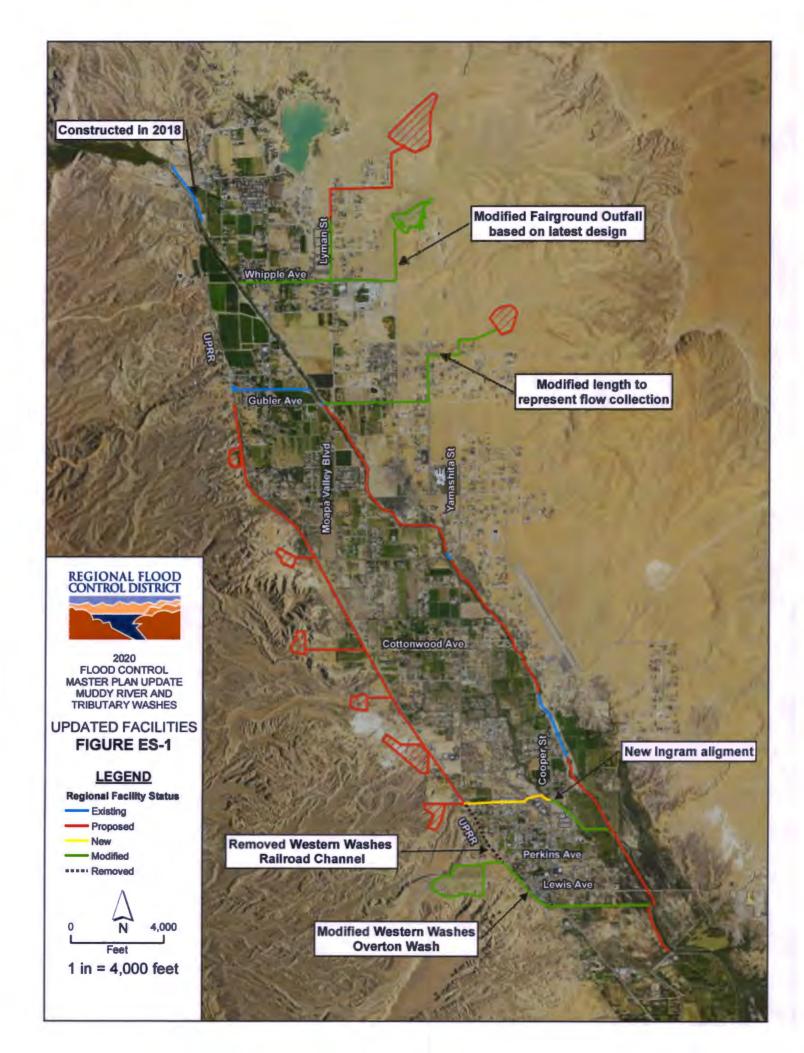
Moapa (Upper Muddy River Area)

The recommended flood control plan for Moapa is consistent with the previous MPU and consists of a non-structural floodplain management plan, i.e., managing the floodplain according to FEMA standards and ensuring that new construction within the floodplain conforms to the National Flood Insurance Program (NFIP) and local floodplain ordinances.

A summary of the new and modified regional facilities in the 2020 MPU is shown on Figure ES-1. Any of the facilities from the 2016 MPU that are not described above have not been modified and are perpetuated in the 2020 MPU. All existing and proposed regional facilities are shown in the facility maps (Figure F-1 and Figure F-2) and inventory tables at the end of this report in the section titled Facility Maps.

In addition to structural recommendations, the 2020 MPU also includes recommendations regarding non-structural solutions and floodplain management strategies that reduce the adverse impacts of flooding. Non-structural recommendations were first developed and included in the 2001 MPU and have been updated to include new information. Non-structural solutions are described in detail in **Section 8** and include alternatives such as acquiring/relocating property, floodplain mapping, public outreach and education, floodproofing structures, acquiring/relocating property, maintaining facilities, and taking advantage of state and federal flood hazard mitigation programs and grants.

Approximately 20.3 miles of conveyance facilities are included in the 2020 MPU. Approximately 2.1 miles of these facilities already exist or are under construction; the remaining 18.2 miles of proposed conveyance facilities remain to be constructed. A total of 10 detention basins are proposed in the 2020 MPU, ranging in size from 49 ac-ft to 1,247 ac-ft.



Cost Estimates

The value of existing regional facilities and the construction cost estimates for proposed regional facilities were determined using the RFCD Cost Estimation Tool that was developed as part of the 2018 Las Vegas Valley MPU.

The total estimated value of existing flood control facilities in Moapa Valley is \$37.4 million. The total estimated construction cost of proposed facilities in Moapa Valley is \$158.6 million. The estimated values of existing facilities are summarized in **Table ES-1** and total estimated costs of proposed facilities are summarized in **Table ES-2**. The estimated costs of proposed facilities from the 2016 MPU are also included in **Table ES-2** for comparison purposes.

Table ES-1 Estimated Value of Existing Facilities

ID / River Mile	Status	Facility Description	Total Value (\$ x 1000)
GASD		GANN AVENUE STORM DRAIN	
0000	Е	20'X8' Transition Channel	\$331
0005	E	2- 10' RCP	\$3,735
0030	Е	2- 10'X8' RCB	\$4,009
0058	E	10 ac-ft Gann Avenue Debris Basin	\$56
		Project Total:	\$8,132
MRLL		MUDDY RIVER LOGANDALE LEVEE	
0001	E	Concrete Levee 12'-17'D 1.5-2:1 SS (Varies)	\$918
0013	E	Concrete Levee 12'-17'D 1.5-2:1 SS (Varies)	\$1,709
0038	E	Concrete Levee 12'-17'D 1.5-2:1 SS (Varies)	\$1,161
		Project Total:	\$3,789
MRLV		MUDDY RIVER LOWER VALLEY	
0343	E	Earthen Chnl w/ Riprap-Lined Bank 200'W 9.5'D 3:1 SS	\$2,153
0350	E	Earthen Chnl w/ Riprap-Lined Bank 200'W 11'D 3:1 SS	\$2,046
0357	E	Conc Chnl 200'W 11'D 2:1 SS	\$2,936
0375	E	Cooper Street Bridge	\$10,832
0377	E	Conc Chnl 180'W 13.6'D 2.5:1 SS	\$1,517
0388	E	Gabion Channel 200'W 11.5'D 3:1 SS	\$1,287
0534	E	Earthen Channel w/ Gabion Side Slopes	\$357
0536	E	Yamashita Street Bridge	\$1,425
0537	E	Earthen Channel w/ Gabion Side Slopes	\$264
0725	E	Gubler Avenue Bridge	\$1,278
		Project Total:	\$24,094
LWAW		LOGAN WASH DIVERSION	
0000	E	Earthen Diversion Channel	\$1,346
		Project Total:	\$1,346
		Total Existing Facility Value:	\$37,360

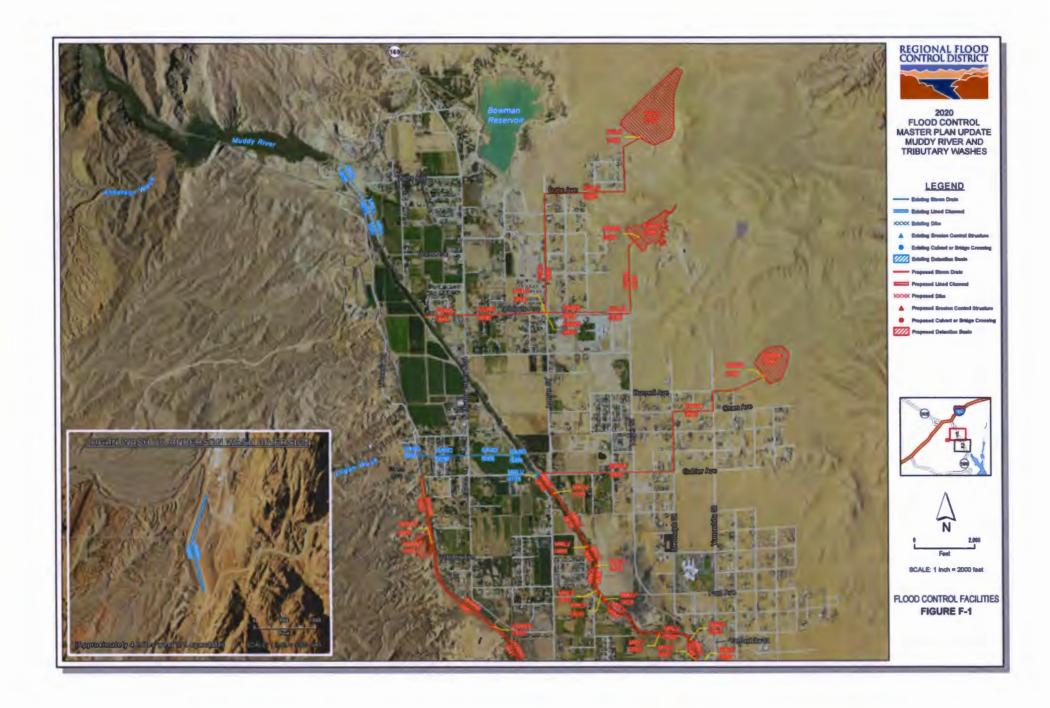
Table ES-2 Estimated Construction Cost of Proposed Facilities

	Proposed Facilities Cost Comparison		
ID	Facility Description	2020 MPU Proposed Cost (\$ x 1000)	2016 MPU Proposed Cost (\$ x 1000)
EASTER	WASHES		
EWGA	EASTERN WASHES - GUBLER	\$15,958	\$10,345
FGLS	FAIRGROUNDS - LYMAN	\$21,752	\$15,844
FGWS	FAIRGROUNDS - WHIPPLE	\$12,985	\$9,540
LOWER I	MUDDY RIVER		
MRLL	MUDDY RIVER LOGANDALE LEVEE	\$0	\$3,332
MRLV	MUDDY RIVER LOWER VALLEY	\$48,911	\$41,225
MRWC	MUDDY RIVER WEST CREEK	\$11,329	\$2,083
WESTER	N WASHES		
WWCA	WESTERN WASHES CHANNEL SYSTEM - COTTONWOOD	\$4,842	\$3,544
WWDA	WESTERN WASHES CHANNEL SYSTEM - DUESING	\$1,685	\$1,234
WWIA	WESTERN WASHES CHANNEL SYSTEM - INGRAM	\$2,639	\$1,926
www	WESTERN WASHES CHANNEL SYSTEM - OVERTON WASH	\$15,703	\$12,274
WWRR	WESTERN WASHES RAILROAD CHANNEL	\$13,967	\$10,883
WWWA	WESTERN WASHES CHANNEL SYSTEM - WEST WASH 1	\$3,708	\$2,685
www	WESTERN WASHES CHANNEL SYSTEM - WIEBER	\$3,459	\$2,520
wwwT	WESTERN WASHES CHANNEL SYSTEM - WITTWER	\$1,682	\$1,227
	Total Proposed Facility Cost:	\$158,619	\$118,662

In the 2016 MPU, the total estimated value of existing facilities was \$25.3 million. The total estimated value of existing facilities in the 2020 MPU has increased to \$37.4 million due to inflation, general increases in construction costs, updated cost tool methodology, and the construction of the Logandale Levee. Note that the \$37.4 million estimated value of existing facilities does not include right-of-way acquisition costs. The total right-of-way acquisition costs paid to date by Clark County to acquire property where flood control facilities are either built or proposed is approximately \$10.7 million.

In the 2016 MPU, the total estimated cost of proposed facilities was \$118.7 million. The total estimated cost for proposed facilities in the 2020 MPU has increased to \$158.7 million because of higher construction costs, the use of updated cost tool methods from the 2018 Las Vegas Valley MPU, and the addition or modification of regional facilities in the overall plan.

The 2020 MPU serves as a planning tool for the implementation of the flood control system in Moapa Valley and for the design of master plan facilities. The flood control system identified and described in this MPU may be subject to further amendments and revisions in the future as more detailed analyses are completed for facilities in the predesign and design phases.





ID I	Status	Feelity Description	Length: (PL)	Flow (ofe)	HEC-1 Node	HEC-1 Model	Tributary Area (eq.ml.)	Channe Slope (%) **
EWGA		EASTERN WASHES - GUBLER						
0000	P	107XS' RCB	6470	802	CEWASH4	MRMPU3	3.92	1.20
0000	P	48" RCP	3720	- 86	DBEWGA	MRMPU3	1,00	1.20
0184	P	30" RCP OUTLET PIPE	70	-86	DBEWGA	MRMPU3	1,00	0.50
0195	P	14,470 CFS SPILLWAY		14470	EMOB	MRMPU3	1,00	
0196	P	157 ACRE-FEET GUBLER AVENUE DETENTION BASIN		1447	EWOB	MRMPU3	1.90	
FGLS		FAIRGROUNDS - LYMAN				Carried Marie		
0000		7 X 5 RC8	77	254	CFGDB1	MRMPU5	24,28	1,50
0001		72° RCP	2540	254	CFGDB1	MRMPU5	24,28	0.80
0050		72° RCP	6070	254	DBFGL8	MRMPU5	23.80	0.80
0165	P	42" RCP OUTLET PIPE	70	254	DBFGL8	MRMPU5	23,88	0.50
0166	P	52,740 CF8 SPILLWAY		52740	CBMN7	MRMPU5	23.80	ı
0167	P	1247 ACRE-FEET LYMAN STREET DETENTION BASIN		5274	CBMN7	MRMPU5	23.89	
FOWS		FAIRGROUNDE - WHIPPLE						
0000	P .	12' X 6' RCB	1233	540		MRMPU3C	1.43	0.40
0030	P	9' X 5' RCB	2000	540		MRMPU3C	1.43	0.80
0070	2	EX S RCB	110	248	CROBFGWS		0.46	
0075	P	54° RCP	1629	246	CROBFGWS		0.46	1.70
0105	P	48° RCP	1157	176	CFGDB2A	MRMPU3	2.10	1.80
0126	P	38° RCP	2405	43	DBFGWS	MRMPU3	1.92	1.00
0164	P	36" RCP OUTLET PIPE w/ 18" ORIFICE PLATE	192		DEFGWS	MRMPU3		0.90
0165	P.	16,000 CF8 SPILLWAY		18000	FGDB FGDB	MRMPU3	1.92	
0166	P	139 ACRE-FEET FAIRGROUNDS DETENTION BASIN		1318	FGUB	MPOMP*U3	1.92	_
GASD		GANN AVENUE STORM DRAIN 20' X IT TRANSITION CHIN.	220	2108	CLWASH3	MRMPUS	5.00	0.50
0000	E	20" X IF TRANSITION CHNL 2: 10" RCP	1400	2106	CLWASHS CLWASHS	MRMPU3	5.90	0.50
0000	1 8	2 10 NCP 2 10 X 8 RCB	1600	2108	CLWASHS	MRMPU3	5.90	1.10
0058	E	10 ACRE-FEET GANN AVENUE DEBRIS BASIN	1000	2108	CLWASH3	MRMPUS	5.90	1.11
MRLL	E	MUDDY RIVER LOGANDALE LEVEE	_	2100	ULWA0N3	serville-03	0.30	-
0001	E	CONCRETE LEVEE 12-17D 1.5-2:1 88 (VARIES)	675	21400				0.80
0001	E	CONCRETE LEVEE 12-17D 1.5-21 88 (VARIES)	1325	21400				1.20
0038		CONCRETE LEVEE 12-17D 1.5-21 88 (VARIES)	925	21400				1.70

ID /	Status	Facility Description	Length (fL)	Plane (sta)	HEC-1 Hodo	HEC-1 Model	Tributary Area (eq.ml.)	Channe Stope (%) **
MRLV		MUDDY RIVER LOWER VALLEY						
0547	P	GRADE CONTROL STRUCTURE	60	21400				
0548	P	EARTHEN CHINL W/RIPRAP-LINED BANK 200W 13'D 3:1 88	888	21400				0.10
0561	P	GRADE CONTROL STRUCTURE	80	21400				
0662	P	EARTHEN CHNL W/RIPRAP-LINED BANK 200W 13TO 3:1 88	1016	21400				0.10
0583	P	GRADE CONTROL STRUCTURE	60	21400				
0584	P	EARTHEN CHINL W/ RIPRAP-LINED BANK 200W 13TO 3:1 88	2297	21400			1	0.10
0629	P	GRADE CONTROL STRUCTURE	60	21400				
0830	P	EARTHEN CHNL W/RIPRAP-LINED BANK 200W 13'D 3:1 88	464	21400				0.10
0637	P	GRADE CONTROL STRUCTURE	80	21400				
0636	P	EARTHEN CHINL W/RIPRAP-LINED BANK 200W 13TD 3:1 88	885	21400				0.10
0854	P	GRADE CONTROL STRUCTURE	60	21400				
0855	P	EARTHEN CHNL W/RIPRAP-LINED BANK 200W 13TD 3:1 88	744	21400				0.10
0000	P	GRADE CONTROL STRUCTURE	60	21400				
0570	P	EARTHEN CHINL W/RIPRAP-LINED BANK 200W 13TO 3:1 88	2116	21400				0.10
0700	P	GRADE CONTROL STRUCTURE	50	21400				
0710	P	EARTHEN CHNL W/RIPRAP-LINED BANK 200W 13'D 3.1 88	625	21400				0.10
0725	E	GUBLER AVENUE BRIDGE	50	21400				0.40
WWR		WESTERN WASHES RAILROAD CHANNEL						
0441	P	CONC CHNL 12W 4.5'D 2:1 88	2050	539	*ACHEAWW	MRMPU3	0.40	0.50
0480	P	12' X 6' RCBC @ ACCESS ROAD	80	530	WWASH3A	MRMPU3	0.40	0.80
0482	P	CONC CHNL 12W 4.5'D 2:1 88	3686	539	WWASH3A	MRMPU3	0.49	0,50
0650	P	CONC CHINL 12W 4'D 2:1 88	2250	395	WWASH4A	MRMPU3	0.31	0.50
WWW		WESTERN WASHES CHANNEL SYSTEM - WITTWER				والاياري		
0000	P	18" RCP OUTLET PIPE	70	31	DBWWWT	MRMPU3	0.80	0.50
0003	P	9,000 CFS SPILLWAY		9090	CWWASH4	MRMPU3	0.89	
0004	P	91 ACRE-FEET WITTWER DETENTION BASIN		909	CWWASH4	MRMPU3	0.89	

"The HEC-1 node shown identifies the controlling concentration point for the essociated facility and is located upstream of this facility due to decreasing peak flow with increasing bributery area caused by storm distribution transitions, depth area reduction factors, or attenuation of flow from routing.
"As-bulk or design alopes were used when available. All other alopes are based on existing topography. The user should verify the facility alope listed prior to performing any facility apacific analysts.

*For parallel facilities, the existing facility flow equals its normal depth capacity, and the proposed parallel facility flow).



2020 MUDDY RIVER FLOOD CONTROL MASTER PLAN UPDATE FACILITY INVENTORY FIGURE F-1

ID (Facility Identifier) Parent Stream Name Stream Name Mile
Distance Above Confluence
with Parent Stream (Miles)
Miles in Hundredths

... D Side Slope, H.V.....SS

Cast in Place Concrete Pipe.
Corrugated Metal Anch Pipe Culvert
Corrugated Metal Pipe Culvert
Corrugated Metal Pipe Culvert
High Density Polyethylene.
Horizontal Ellipitical Reinforced Concrete Pipe.
Reinforced Concrete Arch Pipe.

D/	Status	Facility Description	Longth (fL)	Flow (sta)	HEC-1 Node	HEC-1 Model	Aren (eq.ml.)	Channe Slope (%) **
IRLV		MUDDY RIVER LOWER VALLEY		b				
1142	P	EARTHEN LEVEE 7'D 3.1 88	2230	21400	- 1	1		0.30
MBM	P	STABILIZED EARTHEN CHINL W/RIPRAP-LINED BANK 800W 8,5'D 3:1 68	760	21400				8.20
1108	P	STABILIZED EARTHEN CHINL W/RIPRAP-LINED BANK 800W 8.5'D 3.1 88	2672	21400				6.20
8340		STABBLIZED EARTHEN CHINL W/RIPRAP-LINED BANK 800W 8,5TO 3 1 85	376	21400	- 1			0.20
0266	P	STABILIZED EARTHEN CHINL W/RIPRAP-LINED BANK 400W 8'D 3:1 88	480	21400				0.20
0270	P	STABILIZED EARTHEN CHINL W/RIPRAP-LINED BANK 400W 8'D 3:1 SS	3005	21400				8.30
0343	E	EARTHEN CHAL W/RIPRAP-LINED BANK 200W 9.5'D 3:1 88	600	21400	- 1			8.30
0300	E	EARTHEN CHILL W/RIPRAP-LINED BANK 200W 11'D 3:1 88	630	21400	- 1			0,40
0357	E	CONC CHNL 200W 11'D 2 1 88	818	21400				0.40
0376	E	COOPER STREET BRIDGE	290	21400				0,40
0377	8	CONC CHNL 180W 13.8'D 2.5:1 88	376	21400	- 1			0,40
6368	E	GABION CHIL 200W 11.5D 3:1 86	386	21400	- 1			0.20
0305	P	EARTHEN CHINL W/RIPRAP-LINED BANK 200W 11,5'D 3:188	673	21400				0.20
0423	P	GRADE CONTROL STRUCTURE	80	21400				
0424	P	EARTHEN CHINL W/ RIPRAP-LINED BANK 200'W 13'D 3:1 88	1720	21400				9.10
0442	P	GRADE CONTROL STRUCTURE	80	21400				
0443	P	EARTHEN CHILL WI RIPRAP-LINED BANK 200W 13'D 3'1 88	723	21400				0.10
0458	P	GRADE CONTROL STRUCTURE	90	21400				1
0458	P	EARTHEN CHALL W/RIPRAP-LINED BANK 200W 13'D 3 1 88	2540	21400				0.10
0607	P	GRADE CONTROL STRUCTURE	60	21400	1			
0508	P	EARTHEN CHIN, W/RIPRAP-LINED BANK 200W 13'D 3:1 88	1305	21400				0.10
0534	E	EARTH CHILL W GABION SIDE SLOPES 178W 13'D	136	21400				0.10
0530	E	YAMASHITA STREET BRIDGE	30	21400				0.10
0537	E	EARTH CHNL W GABION SIDE SLOPES 178W 13'D	100	21400				9.10
0539	P	GRADE CONTROL STRUCTURE	60	21400				
0540	P	EARTHEN CHINL W/RIPRAP-LINED BANK 200W 13'D 3.1 88	345	21400				0.10
0547	P	GRADE CONTROL STRUCTURE	80	21400				
0046	P	EARTHEN CHNL W/RIPRAP-LINED BANK 200W 13'D 3:1 BS	000	21400				0.10
9561	P	GRADE CONTROL STRUCTURE	50	21400				
0562	P	EARTHEN CHILL W/ RIPRAP-LINED BANK 200°W 13'D 3:1 88	1010	21400				0.10
0583	P	GRADE CONTROL STRUCTURE	50	21400				
0584	P	EARTHEN CHINL W/ RIPRAP-LINED BANK 200'W 13'D 3.1 5S	2297	21400				0.10
Lian		BILLOOY NEVER WEST CREEK			1			
0000		CONC CHNL 14W 7D 3:1 88	2904	1306	CCMRS	MRMPU5	13.38	0.30
0085		S: 16" X 5" RCBC @ COOPER STREET	80	1300	CCMRS	MRMPU5	13,38	0.30
0070		CONC CHNL 12W 5.5'D 3:1 86	400	1300	CCMRS	MRMPUS	13.38	0.40
0074		6: 6' X 3.6' RCB	2280	873	CWWASH2*	MRMPU3	2.22	0,47
0105		4: 5' X 4' RCB	1200	873	CWWASH2*	MRMPU3	2,22	0,47
MMC		WESTERN WASHES CHANNEL SYSTEM - COTTONWOOD						
0000		00" RCP	2550	116	DBWWCA	MPMPU3	1.50	0.50
0048		30" RCP OUTLET PIPE	70	118	DBWWCA	MRMPU3	1.50	0.50
0049		14,170 CF8 SPILLWAY		14170	WWASH2	MRMPU3	1.50	
0050		158 ACRE-FEET COTTONWOOD AVENUE DETENTION BASIN		1417	WWA8H2	MRMPU3	1,90	
WWD		WESTERN WASHES CHANNEL SYSTEM - DUESING	-					
0000		36° RCP	790	34	DBWWDA	MRMPU3	0,46	0.8
0007		18" RCP OUTLET PIPE	70	34	DBWWDA	MPMPU3	0.40	0,5
0000		8,740 CFS 8PILLWAY		6740	CHBAWW	MRMPU3	0.40	
0000		49 ACRE-FEET DUESING AVENUE DETENTION BASIN		674	WWASH3	MRMPU3	0.45	
WW		WESTERN WASHES CHANNEL SYSTEM - NORAM						
0000		48° RCP	790	85	DBWWWA	MRMPU3		1.0
8014		30° RCP OUTLET PIPE	70	85	DEWWA	MRMPU3		0.5
0015		11,840 CFS SPELWAY	1	11840	WWASHIA	MRMPU3		
0016	P	108 ACRE-FEET INGRAM AVENUE DETENTION BASIN		1184	WWASH1A	MRMPU3	1.25	

D!	Status	Facility Description	Length (ft.)	(triba)	HEC-1 Hodo	HEC-1 Model	Aren (eq.ml.)	Charme Slope (%) **
WOW		WESTERN WASHES CHANNEL SYSTEM - OVERTON WASH						
0000		CONC CHILL I'W 5'D 2:1 88	4030	391	COVR2	MRMPU5	23.04	0.40
0077	P	8' X 6" RCBC @ STATE ROUTE 168	100	301	COWASHS	MRMPU5	22,57	0.80
0079	P	CONC CHAL 6W 4.5D 2:1 88	515	301	COWASH3	MRMPU5	22,57	0.50
0083	P	CONC CHAL 6W 4.5D 2:1 88	2500	273	DBWWPA	MRMPU5	22.25	0.40
9100	P	S' X S' RCB	840	273	DEWWPA	MRMPU5	22.25	0.50
0116	P	42° RCP OUTLET PIPE	70	273	DOWNPA	MRMPU5	22.25	0.50
0117	P	44,920 CF8 BPILLWAY		44920	CCOWABH2	MRMPU5	22.25	
0118	P	802 ACRE-FEET PERKINS AVENUE DETENTION BASIN		4492	CCOWA8H2	MRMPU5	22.25	
WWRR		WESTERN WASHES RAILROAD CHANNEL						
0206	P	CONC CHNL 12W 5.5D 2:1 88	1620	873	CWWA8H2°	MRMPU3	2.22	0.40
0236	P	14" X 7" RCBC @ ACCESS ROAD	80	873	CWWA8H2*	MRMPU3	2.72	0.40
0236		CONC CHNL 12W 5.5D 2:1 88	1900	873	CWWA8H2*	MRMPU3	2.72	8,40
0274	P	14" X 7" RCBC @ ACCESS ROAD	80	873	CWWA8H2*	MRMPU3	2.72	8,40
0276	P	CONC CHNL 12W 5.5'D 2:1 88	2036	873	CWWASH2*	MRMPUS	2.72	0,40
0305	P	CONC CHNL 12W 5.5D 2.1 88	2350	873	CWWASH2	MRMPU3	4.12	0.40
0358	P	14" X 7" RCBC @ ACCESS ROAD	60	873	CWWASH2	MRMPU3	4.12	9,40
0361	P	CONC CHNL 12W 5.5D 2:1 88	4625	821	CWWA8H2A	MRMPU3	2.22	0.40
0441	P	CONC CHNL 12W 4.5D 2 1 88	2050	530	WWASH3A*	MPMPUS	0.40	0.50
0480	P	12' X 6' RCBC @ ACCESS ROAD	90	530	WWWASHSA	MRMPU3	0.40	0.50
0482	P	CONC CHNL 12W 4.5D 2 1 88	3565	530	WWWASHSA	MRMPU3	0.49	0.50
WWWA		WESTERN WASHES CHANNEL SYSTEM - WEST WASH !	1000	-				
0000	l p	30° RCP OUTLET PIPE	70	117	DEWNWA	MRMPUS	2.63	0.50
0016	l P	21.400 CFS SPILLWAY	1 "	21400	WWWASH1B	MRMPU3	2.63	3,000
0017	P	235 ACRE-FEET WEST WASH 1 DETENTION BASIN		2140	WWASH1B	MRMPU3	2.63	
WWW		WESTERN WASHES CHANNEL SYSTEM - WIERER		-			2.00	
0000	P	80" RCP	1010	129	DBWWWI	MRMPU3	3.50	0.50
0025	P	30' RCP OUTLET PIPE	70	129	DBWWW	MRMPU3	3.50	0.50
0028	P	11.990 CF8 SPRLWAY	1 "	11960	WWASH	MRMPU3	3.50	7,00
0027	P	182 ACRE-FEET WIEBER WASH DETENTION BASIN		1196	WWASH	MRMPU3	3.50	1

"The HEC-1 node shown identifies the controlling concentration point for the essociated facility and is located upstream of this facility due to decreasing peak flow with increasing hibutary area caused by atom distribution transitions, depth area reduction factors, or attenuation of flow from routing.
"As-built or design slopes are used when available. All other slopes are based on existing topography. The uses a hould's wifely be facility as for the proposed parallel facility is not contained the cause of the proposed parallel facility flow equals its creating facility, increasing facility is normal depth capacity + proposed parallel facility flow).

REGIONAL FLOOD CONTROL DISTRICT 2020 MUDDY RIVER FLOOD CONTROL MASTER PLAN UPDATE FACILITY INVENTORY FIGURE F-2 L ID (Facility Identifier) AABB
Parant Stream Name
Bleam Hame
Mile
Detance Above Confidence
with Parant Stream (Miles)
D Miles in Hundrestits

Cast in Place Concrete Pipe
Comparted Metal Arch Pipe Culvert
Comparted Metal Pipe Culvert
Ligh Density Polyethylene
High Density Polyethylene
Heatzerfal Elighiosi Reinforced Concrete Pipe
Reinforced Concrete Arch Pipe

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AGENDA ITEM

SUBJECT:

PITTMAN PABCO - BOULDER HIGHWAY CROSSING

PETITIONER:

CITY OF HENDERSON

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION TO EXTEND THE COMPLETION DATE FOR THE PITTMAN PABCO - BOULDER HIGHWAY CROSSING PROJECT - HEN25B19 (FOR POSSIBLE ACTION)

FISCAL IMPACT: None.

BACKGROUND:

On September 12, 2019, the District entered into an Interlocal Contract with the City to provide funding for construction and construction management for the Pittman Pabco – Boulder Highway Crossing project.

This First Supplemental Interlocal Contract extends the project completion date from December 31, 2020 to December 31, 2021 to allow for project completion and closeout.

Respectfully submitted,

-Docusioned by: Edward Meguine

Edward McGuire, P.E. Director of Public Works City of Henderson TAC AGENDA ITEM # 09a Date: 01/28/2021

ITEM # Date: 02/11/2021

RFCD AGENDA

CAC AGENDA ITEM # 09a Date: 02/01/2021

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 01/19/2021
PITTMAN PABCO – BOULDER HIGHWAY CROSSING FIRST SUPPLEMENTAL INTERLOCAL CONTRACT – HEN25B19 The City of Henderson has submitted a request to approve a first supplemental is construction and construction management to extend the project completion date 2020 to December 31, 2021 for the Pittman Pabco – Boulder Highway Crossing productional time is needed to allow for project completion and closeout. The RFCD Attorney has reviewed the contract.	e from December 31,
Staff Recommendation:	
Approve.	
Discussion by Technical Advisory Committee:	AGENDA 09a Date: 01/28/2021
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA 09a Date: 02/01/2021
Recommendation:	

012821 HEN25B-ilc1-aid

FIRST SUPPLEMENTAL INTERLOCAL CONTRACT PITTMAN PABCO – BOULDER HIGHWAY CROSSING

TH	IIS FIRST SUPPLEMEN	NTAL INTERLOCAL CONTRACT made and entered into as
of the	day of	, 2021, by and between the Clark County Regional
Flood Con	ntrol District hereinafter i	referred to as "DISTRICT" and City of Henderson, hereinafter
referred to	as "CITY".	

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements, and;

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update Structure No. PTPA 0285 and 0286, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit "A"; and

WHEREAS, the PROJECT has been approved by the DISTRICT on its Ten Year Construction Program; and

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as the CITY, and the COUNTY OF CLARK.

WHEREAS, the CITY wishes to extend the completion date of the project;

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

SECTION II - PROJECT COSTS, shall be revised to read as follows:

The DISTRICT agrees to fund project costs within the limits specified below:

1. The construction engineering costs shall not exceed \$107,743.

- 2. Construction costs shall not exceed \$1,346,787.
- 3. The total cost of this Contract shall not exceed \$1,454,530 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 approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

SECTION III – GENERAL, paragraphs 10, 15 and 16 shall be revised/added to read as follows:

- 10. The DISTRICT will pay the CITY, or make payment directly to its contractor or its consultant, each month for project costs as outlined in SECTION II PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
 - a. Predesign Engineering
 - b. Design Engineering
 - c. Entity Design Labor
 - d. Right-of-way
 - e. Environmental
 - f. Emergency Action Plan
 - g. Flood Map Revision
 - h. Construction
 - i. Construction Management
 - j. Entity Construction Management Labor
 - k. Landscape Construction
 - 1. Other
- 15. The items covered in SECTION II PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to December 31, 2021. The DISTRICT may,

at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.

16. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

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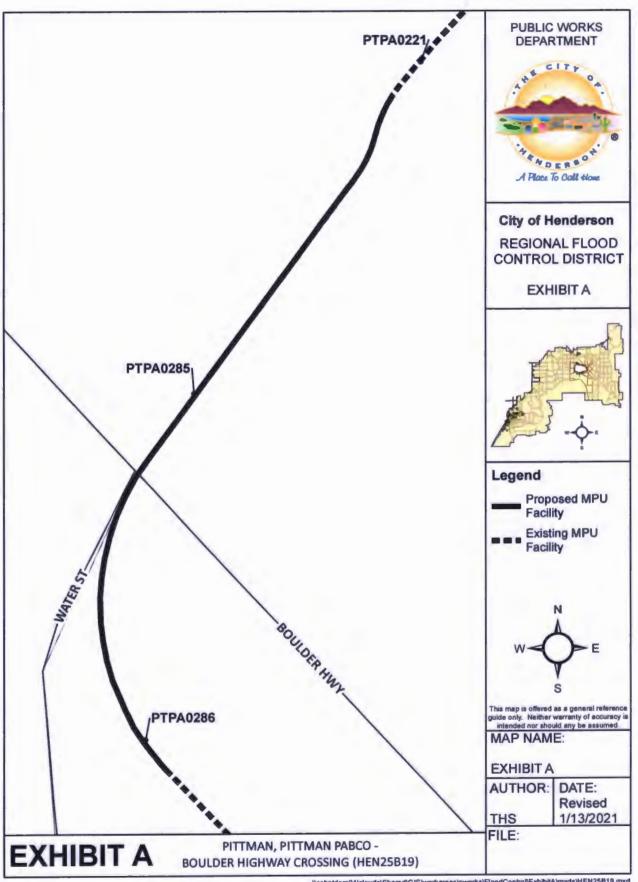
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IN WITNESS WHEREOF, this First Supplemental Interlocal Contract is hereby executed as of the date first set forth above.

Date of District Action:	REGIONAL FLOOD CONTROL DISTRICT		
ATTEST:	BY:, Chair		
DEANNA HUGHES, Secretary to the Board			
Approved as to Form:			
BY:CHRISTOPHER FIGGINS RFCD Attorney	*********		
Date of Council Action:	CITY OF HENDERSON		
	Richard A. Derrick, City Manager/CEO		
ATTEST:	Approved as to Form:		
Lisa M. Corrado, AICP, Interim City Clerk	Nicholas G. Vaskov, City Attorney		
Approved as to Funding:	Approved as to Content:		
Jim McIntosh Chief Financial Officer	Edward McGuire Director of Public Works		



CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AGENDA ITEM

SUBJECT:

LVW - MOCCASIN, SKYE CANYON PARK TO UPPER LVW

PETITIONER: MIKE JANSSEN, DIRECTOR

CITY OF LAS VEGAS PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION TO EXTEND THE PROJECT COMPLETION DATE FOR THE LVW -MOCCASIN, SKYE CANYON PARK TO UPPER LVW - LAS31B18 (FOR POSSIBLE ACTION)

FISCAL IMPACT: None by this action

BACKGROUND:

On November 8, 2018 the District entered into an Interlocal Contract with the City to provide funding for construction and construction management for the LVW - Moccasin, Skye Canyon Park to Upper LVW project. The First Supplemental Interlocal Contract dated July 9, 2020 increased funding. This Second Supplemental Interlocal Contract will extend the project completion date from January 31, 2021 to January 31, 2023 to allow additional time to complete the project.

Respectfully submitted,

Mike Janssen, Director

Department of Public Works

TAC AGENDA RFCD AGENDA ITEM # 09Ъ ITEM# Date: 01/28/2021 Date: 02/11/2021

CAC AGENDA ITEM # 09b

Date: 02/01/2021

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 01/19/2021		
LVW – MOCCASIN, SKYE CANYON PARK TO UPPER LVW SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – LAS31B18 The City of Las Vegas has submitted a request to approve a second supplemental interlocal contract for construction and construction management to extend the project completion date from January 31, 2021 to January 31, 2023 for the LVW – Moccasin, Skye Canyon Park to Upper LVW project. Additional time is needed to complete the project. The RFCD Attorney has reviewed the contract. Staff Recommendation: Approve.			
Discussion by Technical Advisory Committee:	AGENDA		
Discussion by Technical Advisory Committee.	#09b Date: 01/28/2021		
Recommendation:			
Discussion by Citizens Advisory Committee:	AGENDA #09b Date: 02/01/2021		
Recommendation:			

012821 LAS31B-ilc2-aid

SECOND SUPPLEMENTAL INTERLOCAL CONTRACT LVW – MOCCASIN, SKYE CANYON PARK TO UPPER LVW

	THIS SECOND	SUPPLEMEN'	TAL INTERLOCAL	CONTRACT	made and
entered	into as of the	day of	, 2021	by and between	the Clark
County	Regional Flood	Control District,	hereinafter referred to	as "DISTRIC"	Γ", and the
City of	Las Vegas herein	after referred to	as "CITY".		

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements; and,

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2013 Master Plan Update as Facility Number LVMO 0000, hereinafter referred to as "PROJECT"; and

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update as Facility Number LVMO 0000, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit "A"; and,

WHEREAS, the PROJECT has been approved by the DISTRICT on its 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; and,

WHEREAS, the Interlocal Contract dated November 8, 2018 and First Supplemental Interlocal Contract dated July 9, 2020 were entered into between the DISTRICT and the CITY; and,

WHEREAS, the CITY desires to extend the project completion date.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

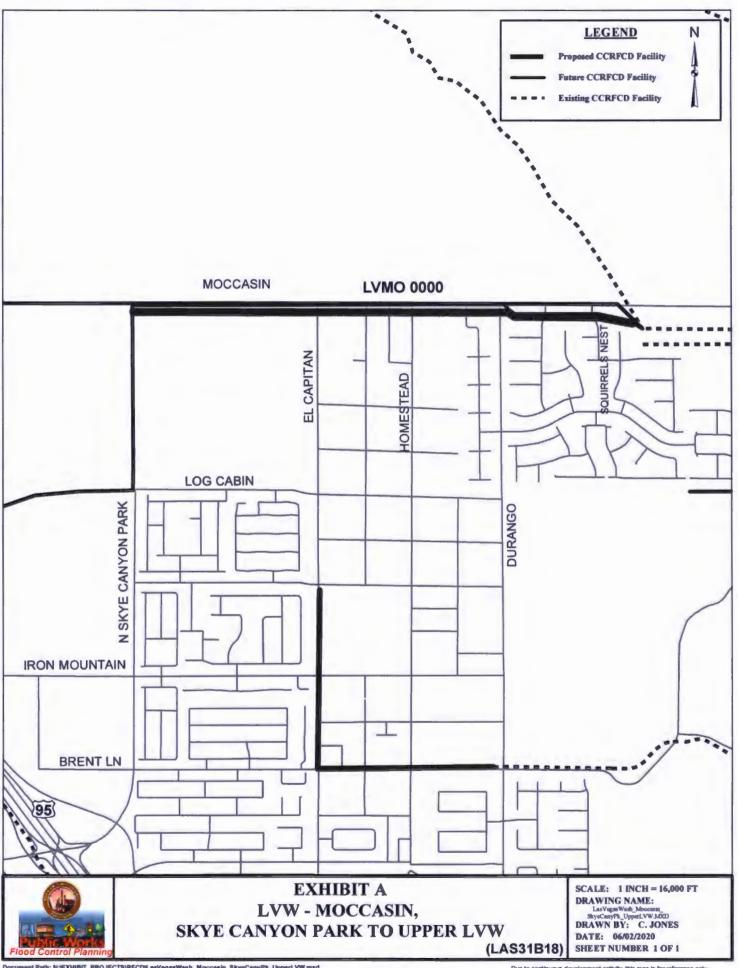
SECTION III - GENERAL, paragraph 15 shall be revised to read as follows:

15. The items covered in SECTION II – PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to January 31, 2023. The DISTRICT may, at any time thereafter, grant extensions or terminate this Contract after thirty (30) days notice.

The remainder of the original Interlocal Contract dated November 8, 2018 and First Supplemental Interlocal Contract July 9, 2020 shall remain unchanged.

IN WITNESS WHEREOF, the Parties have caused this Second Supplemental Interlocal Contract to be executed by their duly authorized representatives the day and year first above written.

Date of Council Action	Date of District Action		
City of Las Vegas	Regional Flood Control District		
By: Carolyn G. Goodman, Mayor	Ву:		
	Chair		
Attest	Attest		
By: LuAnn Holmes, MMC	By:		
City Clerk	Secretary to the Board		
Approved as to Form	Approved as to Form		
Approved as to Point	Approved as to I offi		
Ву:	Ву:		
Deputy City Attorney Date	Christopher Figgins Date RFCD Attorney		



CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AGENDA ITEM

SUBJECT:

FLAMINGO – BOULDER HIGHWAY NORTH – BOULDER HWY, SAHARA TO CHARLESTON

PETITIONER: MIKE JANSSEN, DIRECTOR

CITY OF LAS VEGAS PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION TO EXTEND THE PROJECT COMPLETION DATE FOR THE FLAMINGO – BOULDER HIGHWAY NORTH – BOULDER HWY, SAHARA TO CHARLESTON PROJECT – LAS29E18 (FOR POSSIBLE ACTION)

FISCAL IMPACT: None by this action

BACKGROUND:

On October 11, 2018 the District entered into an interlocal contract with the City to provide construction and construction management funding for the Flamingo – Boulder Highway North – Boulder Highway, Sahara to Charleston project. First Supplemental Interlocal Contract dated May 23, 2019 increased funding. This Second Supplemental Interlocal Contract will extend the project completion date from January 31, 2021 to January 31, 2022 to allow additional time to complete the project.

Respectfully submitted,

Mike Janssen, Director

Department of Public Works

TAC AGENDA
ITEM # 09c
ITEM #
Date: 01/28/2021

RFCD AGENDA
ITEM #
Date: 02/11/2021

CAC AGENDA ITEM # 09c Date: 02/01/2021

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 01/19/2021			
FLAMINGO – BOULDER HIGHWAY NORTH – BOULDER HWY, SAHARA TO CHARLESTON SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – LAS29E18 The City of Las Vegas has submitted a request to approve a second supplemental interlocal contract for construction and construction management to extend the project completion date from January 31, 2021 to January 31, 2022 for the Flamingo – Boulder Highway North – Boulder Hwy., Sahara to Charleston project. Additional time is needed to complete the project. The RFCD Attorney has reviewed the contract.				
Staff Recommendation:				
Approve.				
Discussion by Technical Advisory Committee: #	AGENDA 09c Date: 01/28/2021			
Recommendation:				
Discussion by Citizens Advisory Committee: #	AGENDA 09c Date: 02/01/2021			
Recommendation:				

012821 LAS29E-ilc2-aid

SECOND SUPPLEMENTAL INTERLOCAL CONTRACT FLAMINGO – BOULDER HIGHWAY NORTH – BOULDER HWY, SAHARA TO CHARLESTON

	THIS SECOND	SUPPLEMENT	TAL INTERLOCAL	CONTRACT made a	and
entered	into as of the	day of	, 2021	by and between the Cl	ark
County	Regional Flood	Control District,	hereinafter referred to	as "DISTRICT", and	the
City of	Las Vegas herein	after referred to	as "CITY".		

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements; and,

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2013 Master Plan Update as Facility Number FLBN 0038, hereinafter referred to as "PROJECT"; and

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update as Facility Number FLBN 0038, 0056, 0063 and 0167, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit "A"; and,

WHEREAS, the PROJECT has been approved by the DISTRICT on its Ten Year Construction Program; and,

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as the Las Vegas Valley; and,

WHEREAS, the Interlocal Contract dated October 11, 2018 and First Supplemental Interlocal Contract dated May 23, 2019 were entered into between the DISTRICT and the CITY; and,

WHEREAS, the CITY desires to extend the project completion date.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

SECTION II – PROJECTS COSTS shall be revised to read as follows:

The DISTRICT agrees to fund project costs within the limits specified below:

Construction Management shall not exceed \$1,834,606.

- 2. Construction in an amount not to exceed \$28,829,533.
- 3. The total cost of this Contract shall not exceed \$30,664,139 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 approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

SECTION III - GENERAL, paragraphs 10, 15 and 16 shall be revised/added to read as follows:

- The DISTRICT will pay the CITY, or make payment directly to its contractor or its consultant, each month for project costs as outlined in SECTION II PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
 - a. Predesign Engineering
 - b. Design Engineering
 - c. Entity Design Labor Costs
 - d. Right-of-way
 - e. Environmental
 - f. Emergency Action Plan
 - g. Flood Map Revision
 - h. Construction
 - i. Construction Management
 - i. Entity Construction Management Labor Costs
 - k. Landscape Construction
 - 1. Other
- 15. The items covered in SECTION II PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to January 31, 2022. The DISTRICT may, at any time thereafter, grant extensions or terminate this Contract after thirty (30) days notice.
- 16. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by

either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract dated October 11, 2018 and First Supplemental Interlocal Contract dated May 23, 2019 shall remain unchanged.

IN WITNESS WHEREOF, the Parties have caused this Second Supplemental Interlocal Contract to be executed by their duly authorized representatives the day and year first above written.

Date of Council Action	Date of District Action		
City of Las Vegas	Regional Flood Control District		
By: Carolyn G. Goodman, Mayor	By:		
	Chair		
Attest	Attest		
By:	By:		
LuAnn Holmes, MMC City Clerk	Deanna Hughes Secretary to the Board		
Approved as to Form	Approved as to Form		
Ву:	Ву:		
Deputy City Attorney Date	Christopher Figgins Date RFCD Attorney		



CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AGENDA ITEM

SUBJECT:

CAREY-LAKE MEAD DETENTION BASIN OUTFALL MODIFICATION

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 APPROVE THE SECOND SUPPLEMENTAL INTERLOCAL CONTRACT FOR DESIGN TO REALLOCATE AND INCREASE FUNDING FOR CAREY-LAKE MEAD DETENTION BASIN OUTFALL MODIFICATION – NLV19A19 (FOR POSSIBLE ACTION)

FISCAL IMPACT: None

ſ	Current	Increase/Decrease	Proposed
	Funding		Funding
Pre-Design Engineering	\$ 20,000	\$ 0	\$20,000
Design Engineering	\$ 0	\$ 75,000	\$75,000
Entity Design Labor			
Costs	\$ 80,000	(\$60,000)	\$20,000
Total ILC Value	\$100,000	\$ 15,000	\$115,000

BACKGROUND:

On October 10, 2019, an Interlocal Contract for pre-design for the Carey-Lake Mead Detention Basin Outfall Modification project was approved by the District Board. On August 13, 2020, a First Supplemental Interlocal Contract was approved to reallocate funding and add a line item for entity design labor costs.

This Second Supplemental Interlocal Contract will reduce and reallocate Entity Design Labor Costs and add a line item for design engineering costs. This supplemental is needed to provide funds for a consultant to assist with design of the project.

Respectfully submitted.

TAC AGENDA | RFCD AGENDA | ITEM # 10 | Date: 01/28/2021 | Date: 02/11/2021

CAC AGENDA ITEM # 10

Date: 02/01/2021

W W

Dale Daffern, P.E. Director of Public Works

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion:			Date: 01/19/2021
CAREY-LAKE MEAD DETENTION SECOND SUPPLEMENTAL INTERI			
The City of North Las Vegas has succontract for pre-design engineering and the amount of \$15,000 and add a line Basin Outfall Modification project. The supplemental is needed to provide	nd entity design laboratem for design eng	or costs to reallocate gineering for the Car	and increase funding in ey-Lake Mead Detention
District funding will be provided as fol			
	Current Funding	Increase/Decrease	Proposed Funding
Pre-Design Engineering	\$ 20,000	\$ 0	\$ 20,000
Design Engineering	\$ 0	\$ 75,000	\$ 75,000
Entity Design Labor Costs	\$ 80,000	(\$60,000)	\$ 20,000
Total ILC Value	\$100,000	\$ 15,000	\$115,000
The RFCD Attorney has reviewed the	contract.		
Staff Recommendation:			
Approve subject to approval of the Ter	Year Construction	Program Amendmer	nt item on this agenda.
Discussion by Technical Advisory Co	ommittee:	#	AGENDA #10 Date: 01/28/2021
Recommendation:			
Discussion by Citizens Advisory Con	nmittee:	#	AGENDA #10 Date: 02/01/2021
Recommendation:			

012821 NLV19A-ilc2-aid

SECOND SUPPLEMENTAL INTERLOCAL CONTRACT CAREY-LAKE MEAD DETENTION BASIN OUTFALL MODIFICATION

THIS SECOND INTERLOCAL CONTRACT made and entered into as of the day of _______, 2021 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the City of North Las Vegas hereinafter referred to as ("CITY").

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements, and:

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2018 Flood Control Master Plan Update, as Structure No. LVLM 0221, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit "A"; and

WHEREAS, the PROJECT has been approved by the DISTRICT on its Ten Year Construction Program; and

WHEREAS, it is necessary to reduce and reallocate Entity Design Labor Costs and add a line item for design engineering for the Project; and

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as the Las Vegas Valley.

WHEREAS, the DISTRICT approved the Interlocal Contract on October 10, 2019 and the First Supplemental Interlocal Contract on August 13, 2020 for the PROJECT.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

SECTION II - PROJECTS COSTS, shall be changed to read as follows:

The DISTRICT agrees to fund project costs within the limits specified below:

- 1. The pre-design engineering shall not exceed \$20,000.
- 2. The design engineering shall not exceed \$75,000.
- 3. The Entity Design Labor Costs shall not exceed \$20,000.

- 4. The total cost of this Contract shall not exceed \$115,000 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 approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

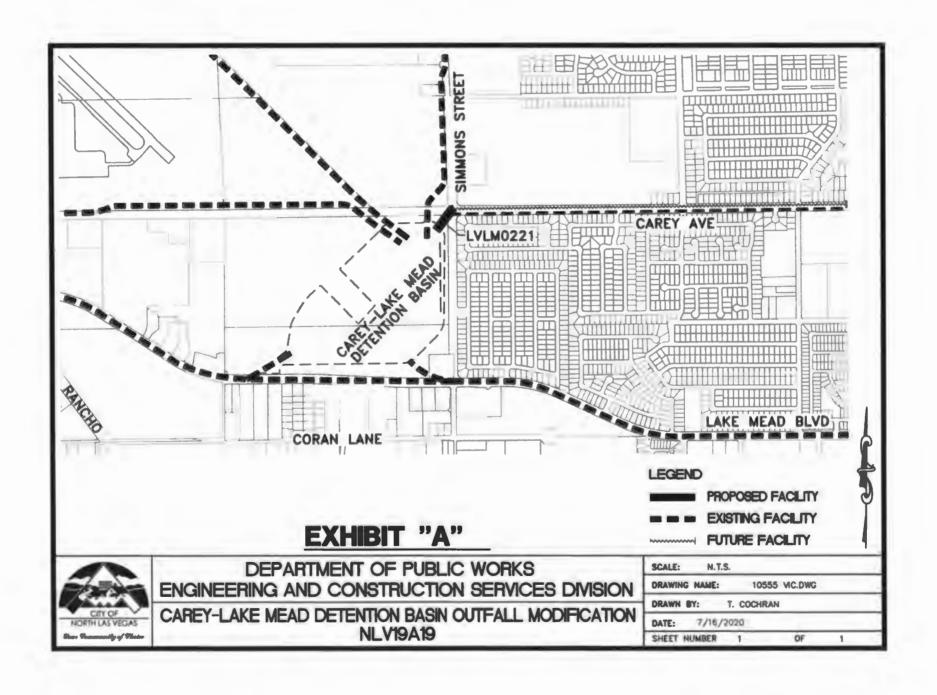
The remainder of the original Interlocal Contract dated October 10, 2019 and supplemented on August 13, 2020 shall remain unchanged.

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IN WITNESS WHEREOF, this Second Supplemental Interlocal Contract is hereby executed as of the date first set forth above.

Date of District Action:	REGIONAL FLOOD CONTROL DISTRICT
	BY:
ATTEST:	Chair
DEANNA HUGHES Secretary to the Board	-
Approved as to Form:	
BY: CHRISTOPHER FIGGINS RFCD Attorney	_
*********	*********
Date of Council Action:	CITY OF NORTH LAS VEGAS
ATTEST:	JOHN J. LEE Mayor
CATHERINE A. RAYNOR, MMC City Clerk	-
Approved as to Form:	
BY: MICAELA RUSTIA MOORI City Attorney	E



CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AGENDA ITEM

SUBJECT:

TOWN WASH - MESA BOULEVARD, EL DORADO TO TOWN WASH

PETITIONER:

TRAVIS H. ANDERSON, P.E. - PUBLIC WORKS DIRECTOR, CITY OF MESQUITE

RECOMMENDATION OF PETITIONER:

THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS FIFTH SUPPLEMENTAL INTERLOCAL CONTRACT FOR DESIGN TO INCREASE PROJECT FUNDING FOR THE TOWN WASH – MESA BOULEVARD, EL DORADO TO TOWN WASH – MESO1E17 (FOR POSSIBLE ACTION)

FISCAL IMPACT:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$422,988.00	\$ 0.00	\$422,988.00
Right-of-Way	\$ 0.00	\$32,600.00	\$ 32,600.00
Environmental	\$116,594.75	\$ 0.00	\$116,594.75
Total ILC Value	\$539,582.75	\$32,600.00	\$572,182.75

BACKGROUND:

On September 14, 2017, the Regional Flood Control District entered into an interlocal contract with City of Mesquite to provide funding for design engineering for the Town Wash – Mesa Boulevard, El Dorado to Town Wash Storm Drain project. The First Supplemental Contract dated July 12, 2018 increased project funding, included a line item for environmental mitigation and extended the project completion date. The Second Supplemental Interlocal Contract dated September 13, 2018 increased project funding. The Third Supplemental Interlocal Contract dated July 11, 2019 increased funding to include additional design engineering and environmental mitigation to address US Army Corp of Engineers comments.

TAC AGENDA	RFCD AGENDA
	ITEM#
Date: 01/28/2021	Date: 02/11/2021

CAC AGENDA ITEM # 11 Date: 02/01/2021 The Fourth Supplemental Interlocal Contract dated November 11, 2019, increased funding for environmental to fund \$68,868.75 mitigation credits that were pre-purchased from the Eglington Preserve In-Lieu Fee Program in 2012. This Fifth Supplemental Interlocal Contract will increase funding for right-of-way acquisition in the amount of \$32,600.00.

Respectfully submitted,

Travis H. Anderson, P.E., Director of Public Works

City of Mesquite

TAC AGENDA	RFCD AGENDA
ITEM # 11	ITEM#
Date: 01/28/2021	Date: 02/11/2021

CAC AGENDA ITEM # 11 Date: 02/01/2021

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion:			Date: 01/19/2021
TOWN WASH – MESA BOULEVAR FIFTH SUPPLEMENTAL INTERLO			
The City of Mesquite has submitted a design engineering and environmental for right-of-way acquisition for the Toronto The supplemental is needed to provide provided as follows:	to increase funding wn Wash – Mesa Bo	in the amount of \$32 oulevard, El Dorado (2,600 and add a line item to Town Wash project.
	Current Funding	Increase/Decrease	Desposed Funding
Design Engineering	Current Funding \$422,988.00	\$ 0.00	Proposed Funding \$422,988.00
Right-of-Way	\$ 0.00	\$32,600.00	\$ 32,600.00
Environmental	\$116,594.75	\$ 0.00	\$116,594.75
Total ILC Value	\$539,582.75	\$32,600.00	\$572,182.75
Staff Recommendation: Approve subject to approval of the Terr Discussion by Technical Advisory Co		Program Amendmen	at item on this agenda.
		#	f11 Date: 01/28/2021
Recommendation:			
Discussion by Citizens Advisory Con	amittee:	#	AGENDA 411 Date: 02/01/2021
Recommendation:			

SUPPLEMENTAL NO. 5 TO THE INTERLOCAL CONTRACT FOR TOWN WASH – MESA BOULEVARD, EL DORADO TO TOWN WASH

THIS FIFTH SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of the _____ day of ______, 2021 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and City of Mesquite, a political subdivision of the State of Nevada hereinafter referred to as "CITY".

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements, and;

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2017 City of Mesquite Flood Control Master Plan Update as Structure(s) No.(s) TWMB 0000, 0022, 0024, and 0044, and TOWA 0120, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit "A"; and

WHEREAS, the PROJECT has been approved by the DISTRICT on its annual Ten Year Construction Program; and

WHEREAS, an Interlocal Contract dated September 14, 2017, the First Supplemental Interlocal Contract dated July 12, 2018, the Second Supplemental Interlocal Contract dated September 13, 2018, the Third Supplemental Interlocal Contract dated July 11, 2019 and the Fourth Supplemental Interlocal Contract dated November 14, 2019 were entered into between the CITY and the DISTRICT; and

WHEREAS, the CITY desires to increase project funding; and

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as the Town Wash System.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

SECTION II - PROJECT COSTS, shall be revised to read as follows:

The DISTRICT agrees to fund project costs within the limits specified below:

1. Design Engineering in an amount not to exceed \$422,988.00.

- 2. Right-of-Way acquisition in an amount not to exceed \$32,600.00
- 3. Environmental in an amount not to exceed \$116,594.75
- 4. The total cost of this contract shall not exceed \$572,182.75 which includes all the items described in the paragraph above.
- 5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the lead Entity is required.
- 6. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the board to increase the total cost of the contract noted above prior to payment of any additional funds.

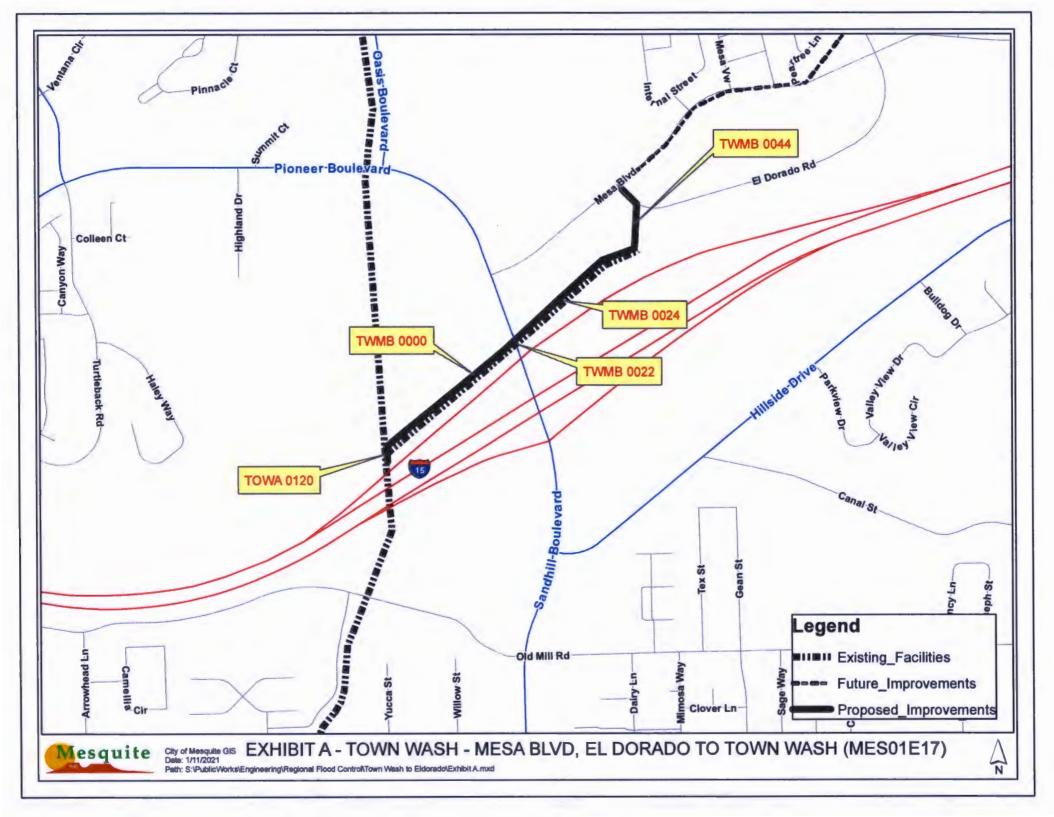
SECTION III – GENERAL, paragraphs 9 and 15 shall be revised/added to read as follows:

- 9. The DISTRICT will pay the CITY, or make payment directly to its contractor or its consultant, each month for project costs as outlined in SECTION II PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
 - a. Predesign Engineering
 - b. Design Engineering
 - c. Entity Design Labor
 - d. Right-of-way
 - e. Environmental
 - f. Emergency Action Plan
 - g. Flood Map Revision
 - h. Construction
 - i. Construction Management
 - i. Entity Construction Management Labor
 - k. Landscape Construction
 - 1. Other
- 15. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract dated September 14, 2017, the First Supplemental Interlocal Contract dated July 12, 2018, the Second Supplemental Interlocal Contract dated September 13, 2018, the Third Supplemental Interlocal Contract dated July 11, 2019 and the Fourth Supplemental Interlocal Contract dated November 11, 2019 shall remain unchanged.

IN WITNESS WHEREOF, this Fifth Supplemental Interlocal Contract is hereby executed as of the date first set forth above.

Date of District Action:	REGIONAL FLOOD CONTROL DISTRICT
	BY:
ATTEST:	, Chair
Deanna Hughes, Secretary of the B	oard
Approved as to Form:	
BY: CHRISTOPHER FIGGINS RFCD Attorney	-
************	****************
Date of Council Action:	CITY OF MESQUITE
-	Allan S. Litman, Mayor
ATTEST	
Tracy E. Beck, City Clerk	-
APPROVED AS TO FORM	
City Attorney	



CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AGENDA ITEM

SUBJECT:

CENTENNIAL PARKWAY CHANNEL WEST – US95, CC215 TO GRAND TETON AND US95 CROSSING AT KYLE CANYON ROAD

PETITIONER: MIKE JANSSEN, DIRECTOR

CITY OF LAS VEGAS PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION TO DECREASE FUNDING FOR THE CENTENNIAL PARKWAY CHANNEL WEST – US95, CC215 TO GRAND TETON, AND US95 CROSSING AT KYLE CANYON ROAD – LAS23117 (FOR POSSIBLE ACTION)

FISCAL IMPACT:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$23,825,221.00	(\$1,659,740.13)	\$22,165,480.87
Construction Management	\$ 2,400,000.00	(\$ 500,274.17)	\$ 1,899,725.83
Entity Construction			
Management Labor Costs	\$ 200,000.00	(\$ 180,000.00)	\$ 20,000.00
Total ILC Value	\$26,425,221.00	(\$2,340,014.30)	\$24,085,206.70

BACKGROUND:

On March 9, 2017 the District entered into an Interlocal Contract with the City to provide funding for construction and construction management for the Centennial Parkway Channel West – US95, CC215 to Grand Teton project. On May 18, 2017, a First Supplemental Interlocal Contract was approved to increase construction funding, change the scope of the project and formally change the name of the project. On January 11, 2018, a Second Supplemental Interlocal Contract was approved to increase funding and extend the project completion date. On April 9, 2020, a Third Supplemental Interlocal Contract was approved to add a line item for entity construction management labor costs and extend the project completion date. This Fourth Supplemental Interlocal Contract will decrease project funding. Construction of this project is substantially completed and no additional funding is anticipate at this time.

Respectfully submitted,

Mike Janssen, Director of Public Works

City of Las Vegas

TAC AGENDA | RFCD AGENDA | ITEM # 12 | Date: 01/28/2021 | Date: 02/11/2021

CAC AGENDA ITEM# 12

Date: 02/01/2021

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 01/19/2021
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CENTENNIAL PARKWAY CHANNEL WEST – US95, CC215 TO GRAND TETON AND US95 CROSSING AT KYLE CANYON ROAD

FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT - LAS23117

The City of Las Vegas has submitted a request to approve a fourth supplemental interlocal contract for construction, construction management and entity construction labor costs to decrease funding in the amount of \$2,340,014.30 for the Centennial Parkway Channel West – US95, CC215 to Grand Teton and US95 Crossing at Kyle Canyon Road project.

Construction of the project is substantially complete and no additional funding is anticipated at this time. District funding will be as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$23,825,221.00	(\$1,659,740.13)	\$22,165,480.87
Construction Engineering	\$ 2,400,000.00	(\$ 500,274.17)	\$ 1,899,725.83
Entity Construction Labor Costs	\$ 200,000.00	(\$ 180,000.00)	\$ 20,000.00
Total ILC Value	\$26,425,221.00	(\$2,340,014.30)	\$24,085,206.70

The RFCD Attorney has reviewed the contract.

Staff Recommendation:

Approve subject to approval of the Ten Year Construction Program Amendment item on this agenda.

AGENDA #12 Date: 02/01/2021

FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT CENTENNIAL PARKWAY CHANNEL WEST – US95, CC215 TO GRAND TETON AND US95 CROSSING AT KYLE CANYON ROAD

THIS FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of the _____ day of ______, 2021 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the City of Las Vegas hereinafter referred to as "CITY".

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements, and;

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update as Facility Numbers, MOLC 0149 and CN95 0000, 0068, 0104 and 0167, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit "A"; and

WHEREAS, the PROJECT has been approved by the DISTRICT on its Ten Year Construction Program; and

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as the Las Vegas Valley.

WHEREAS, the Interlocal Contract dated March 9, 2017, First Supplemental Interlocal contract dated May 18, 2017, Second Supplemental Interlocal Contract dated January 11, 2018, and Third Supplemental Interlocal Contract dated April 9, 2020 were entered into between the DISTRICT and the CITY; and,

WHEREAS, the City desires to decrease project funding.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

SECTION II - PROJECTS COSTS shall be revised to read as follows:

The DISTRICT agrees to fund project costs within the limits specified below:

- 1. Construction Management at a cost not to exceed \$1,899,725.83.
- 2. Construction at a cost not to exceed \$22,165,480.87.
- 3. Entity Construction Management Labor Cost at a cost not to exceed \$20,000.00.
- 4. The total cost of this Contract shall not exceed \$24,085,206.70 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.
- A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

SECTION III – GENERAL, paragraph 17 shall be added to read as follows:

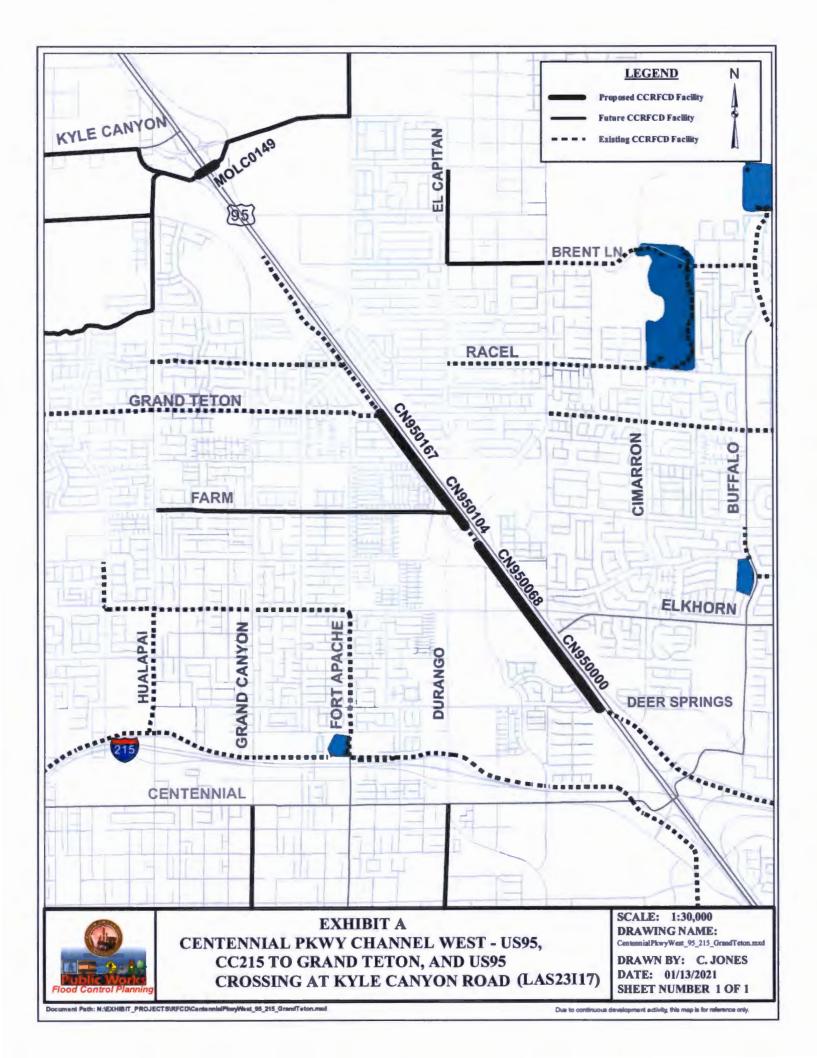
17. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract dated March 9, 2017 and supplemental interlocal contracts dated May 18, 2017, January 11, 2018 and April 9, 2020 shall remain unchanged.

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IN WITNESS WHEREOF, the Parties have caused this Fourth Supplemental Interlocal Contract to be executed by their duly authorized representatives the day and year first above written.

Date of Council Action	Date of District Action
City of Las Vegas	Regional Flood Control District
By: Carolyn G. Goodman, Mayor	Ву:
	Chair
Attest	Attest
Ву:	By: Deanna Hughes
LuAnn Holmes, MMC City Clerk	Deanna Hughes Secretary to the Board
Approved as to Form	Approved as to Form
Ву:	Ву:
Deputy City Attorney Date	Christopher Figgins Date



CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT AGENDA ITEM

SUBJECT:

HEMENWAY SYSTEM, PHASE IIB IMPROVEMENTS

PETITIONER:

JIM KEANE, CITY ENGINEER CITY OF BOULDER CITY

RECOMMENDATION OF PETITIONER:

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT TO INCREASE PROJECT FUNDING FOR THE HEMENWAY SYSTEM, PHASE IIB IMPROVEMENTS – BOU01E19 (FOR POSSIBLE ACTION)

FISCAL IMPACT:

	Current Funding	Fiscal Impact	Proposed Funding
Construction	\$4,284,036.00	\$365,200.00	\$4,649,236.00
Construction Management	\$385,000.00	\$145,566.00	\$530,566.00
Entity Construction Management Labor Costs		\$23,000.00	\$23,000.00
Total ILC Value	\$4,669,036.00	\$533,766.00	\$5,202,802.00

BACKGROUND:

The District entered into an Interlocal Contract with the City of Boulder City on November 14, 2019, to fund construction and construction management for the subject project. On November 12, 2020, the District approved the First Supplemental Interlocal Contract to extend the project completion date. This Second Supplemental Interlocal Contract increases the project funding to add a line item for entity construction management labor costs and for increased construction and construction management costs associated with the project. The increase in project costs are associated with the bids received and the fees for construction management services, surveying and quality assurance materials testing. Construction management fees exceed the 9% construction cap per the District's Policies and Procedures; however, outside construction management services are needed for this project due to the City's limited staff and current workload.

Respectfully submitted,

im Keans

Jim Keane, P.E., City Engineer

City of Boulder City

TAC AGENDA RFCD AGENDA ITEM # 13 ITEM #

Date: 01/28/2021 Date: 02/11/2021

CAC AGENDA ITEM # 13

Date: 02/01/2021

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 01/19/2021
	Date: 01/1//202

HEMENWAY SYSTEM, PHASE IIB IMPROVEMENTS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – BOU01E19

The City of Boulder City has submitted a request to approve a second supplemental interlocal contract for construction and construction management to increase funding in the amount of \$520,714 and add a line item for entity construction management labor costs for the Hemenway System, Phase IIB Improvements project.

Additional funding is needed to cover project costs that are associated with the bids received and the fees for construction management services, surveying and quality assurance materials testing. Construction management fees exceed the 9% construction cap, however, outside construction management services are needed for this project due to the he City's limited staff and current workload. This supplemental will also include funding for entity construction management labor costs. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$4,284,036	\$365,200	\$4,649,236
Construction Management	\$ 385,000	\$145,566	\$530,566
Entity Construction Management Labor	\$ 0	\$ 23,000	\$23,000
Total ILC Value	\$4,669,036	\$533,766	\$5,202,802

The RFCD Attorney has reviewed the contract.

Discussion by Technical Advisory Committee

Staff Recommendation:

Approve subject to approval of the Ten Year Construction Program Amendment item on this agenda.

AGENDA

Discussion by Technical Play Bolly Committee	#13 Date: 01/28/2021
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA
Discussion by Chizens Advisory Committee.	#13 Date: 02/01/2021

SECOND SUPPLEMENTAL INTERLOCAL CONTRACT

HEMENWAY SYSTEM, PHASE IIB IMPROVEMENTS

THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of the _____ day of _____, 2021 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and City of Boulder City hereinafter referred to as "CITY".

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT may approve a project to design and construct flood control improvements, and;

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2018 Flood Control Master Plan Update as Structure No.(s) HMLM 0001, HMWA 0005, 0105, HMLV 0004, 0006, HMWA 0200, 0201, and 0202, hereinafter referred to as "PROJECT"; and

WHEREAS, the PROJECT is identified and shown on the attached Exhibit "A"; and

WHEREAS, the PROJECT has been approved by the DISTRICT on its annual Ten Year Construction Program; and

WHEREAS, it is necessary to increase funding for the Project and include a line item for entity construction management labor costs; and

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as Boulder City.

NOW, THEREFORE, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the CITY agree to the following:

SECTION II – PROJECT COSTS, shall be changed to read as follows:

The DISTRICT agrees to fund project costs within the limits specified below:

- 1. Construction Management shall not exceed \$530,566.
- 2. Entity Construction Management Labor Costs shall not exceed \$23,000.
- 3. Construction costs shall not exceed \$4,649,236.

- 4. The total cost of this Contract shall not exceed \$5,202,802, 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 approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

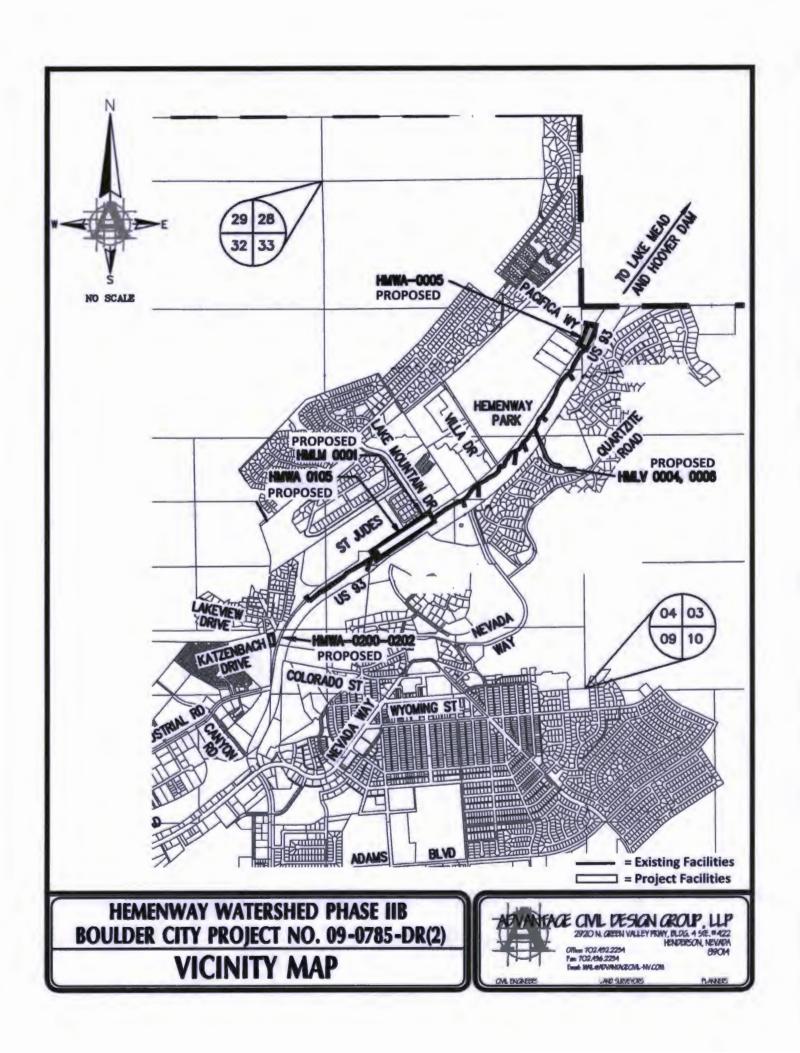
The remainder of the original Interlocal Contract dated November 14, 2019, and the First Supplemental Interlocal Contract dated November 12, 2020 shall remain unchanged.

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IN WITNESS WHEREOF, this Second Supplemental Interlocal Contract is hereby executed as of the date first set forth above.

Date of District Action:	REGIONAL FLOOD CONTROL DISTRICT
	BY:
ATTEST:	, Chair
DEANNA HUGHES	
Secretary to the Board	
Approved as to Form:	
CHRISTOPHER D. FIGGINS RFCD Attorney	
Date of Council Action:	CITY OF BOULDER CITY
	KIERNAN MCMANUS, Mayor
ATTEST:	
LORENE KRUMM	_
City Clerk	
Approved as to Form:	
BRITTANY LEE WALKER, Acting City Attorney	_



CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

2021 FLOOD SAFETY ADVERTISING CONTRACT THIRD OF FOUR RENEWAL OPTIONS

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

THAT THE BOARD APPROVE THE THIRD OF FOUR RENEWAL OPTIONS FOR THE PROFESSIONAL SERVICES CONTRACT WITH ROBERTSON PARTNERS FOR THE 2021 FLOOD SAFETY ADVERTISING CAMPAIGN; OR TAKE ACTION AS DEEMED APPROPRIATE (FOR POSSIBLE ACTION)

FISCAL IMPACT:

\$995,000

BACKGROUND:

Robertson Partners was the sole qualified respondent to the District's Request for Proposals (RFP) for Flood Safety Advertising Services. The firm most recently served as the District's advertising consultant, successfully winning an RFP in 2017. The 2018 Flood Safety Advertising Services Contract had four one-year renewal options, if the option is exercised prior the expiration of the contract. Staff wishes to exercise the third of the four renewal options for the period covered February 11, 2021 through February 9, 2022.

The professional services contract with Robertson Partners and the scope of work for the 2021 campaign is included in the backup and will be presented at the meeting.

The District Attorney has reviewed the contract. The FY 2020/2021 budget includes sufficient funding for flood safety advertising services.

CAC AGENDA | RFCD AGENDA | ITEM #14 | ITEM # | Date: 02/01/2021 | Date: 02/11/2021

Steven C. Parrish, P.E.

General Manager/Chief Engineer

020121 FSA agenda item

Regional Flood Control District AGENDA ITEM DEVELOPMENT

Staff Discussion:	Date: 01/19/2021	
2021 FLOOD SAFETY ADVERTISING CONTRACT THIRD OF FOUR RENEWAL OPTIONS		
Robertson Partners was the sole qualified respondent to the District's Request for Proposals (RFP) for Flood Safety Advertising Services. The firm most recently served as the District's advertising consultant, successfully winning an RFP in 2017. The 2018 Flood Safety Advertising Services Contract had four one-year renewal options, if the option is exercised prior the expiration of the contract. Staff wishes to exercise the third of the four renewal options for the period covered February 11, 2021 through February 9, 2022.		
The professional services contract with Robertson Partners and the scope of work is included in the backup and will be presented at the meeting.	for the 2021 campaign	
The District Attorney has reviewed the contract. The FY 2020/2021 budget inclusion flood safety advertising services.	des sufficient funding	
Staff Recommendation:		
Approve.		
Discussion by Technical Advisory Committee:	AGENDA Date:	
The Technical Advisory Committee did not hear this item.	Duto.	
Recommendation:		
Discussion by Citizens Advisory Committee:	AGENDA 14 Date: 02/01/2021	
Recommendation:		

2021 FLOOD SAFETY ADVERTISING SERVICES CONTRACT

THIS CONTRACT is made and entered into as of the 11th day of February, 2021 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT"; and Robertson Partners, a business legally authorized to do business in the State of Nevada and Clark County, hereinafter referred to as "CONSULTANT."

WITNESSETH

WHEREAS, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT desires to protect citizens of Clark County and prevent loss of life and property during flood events in Clark County; and

WHEREAS, Nevada Revised Statutes Section 543.510, Paragraph 2, authorizes the DISTRICT's Chief Engineer and General Manager to hire and retain agents and other persons necessary or desirable to effect the purposes of the DISTRICT; and

WHEREAS, a flood safety program is an important tool to protect lives and property from flooding, and

WHEREAS, pursuant to SECTION VI – MISCELLANEOUS PROVISONS, paragraph K of the original CONTRACT, the DISTRICT wishes to exercise the third of four renewal options for the period covered February 11, 2021 through February 9, 2022.

NOW, THEREFORE, the DISTRICT and CONSULTANT agree to the following:

SECTION I – RESPONSIBILITY OF CONSULTANT

- A. CONSULTANT shall be responsible for the professional quality, clerical accuracy, timely completion, and coordination of all services furnished by CONSULTANT, its subcontractors, sub-consultants, agents, and employees under this CONTRACT. In performing the specified services, CONSULTANT shall follow practices consistent with generally accepted professional and ethical standards.
- B. All work products are to be completed in conformance with all pertinent and current federal, state, and local statutes, codes, ordinances, resolutions, and any other applicable regulation at the time the work is performed.
- C. Any and all documents, art work, rights to art work, and other products prepared and/or submitted by CONSULTANT to the DISTRICT, and all information required of CONSULTANT by the CONTRACT, become the property of the DISTRICT. CONSULTANT may retain copies and reproducible copies of all documents produced as

a result of the work. In the event of the termination of the CONTRACT, all documents produced shall be and become the property of the DISTRICT. CONSULTANT agrees to surrender all such documents to the DISTRICT in a timely manner at the request of the DISTRICT.

- D. CONSULTANT agrees that its officers and employees will cooperate with the DISTRICT in the performance of services under this CONTRACT and shall schedule meetings with DISTRICT employees at such reasonable times and with advance notice as to not conflict with other responsibilities.
- E. CONSULTANT agrees that it shall not enter collateral, artwork, or other products developed under this contract in any contest, award program, or the like without the written authorization of the DISTRICT.
- F. CONSULTANT agrees to obtain DISTRICT approval on all advertising materials prior to release. All materials are to be carefully inspected by the CONSULTANT for accuracy prior to presentation to DISTRICT for approval. DISTRICT review of material may be conceptual in nature and does not release the CONSULTANT from responsibility for accuracy of spelling, grammar, design, print checks, and other tasks which would reasonably be expected of a firm providing such advertising services.
- G. DISTRICT currently has a logo which needs to be utilized. No modifications to the logo will be allowed or accepted, except with prior written permission of the DISTRICT's General Manager.
- H. CONSULTANT shall perform the Basic Services as identified in Section III SCOPE OF SERVICES (EXHIBIT 1-SCOPE OF GENERAL CONTRACT SERVICES).

SECTION II – DISTRICT'S RESPONSIBILITIES

- A. Officers and employees of the DISTRICT shall cooperate with CONSULTANT in the performance of services under this CONTRACT and will be available for consultation with CONSULTANT at such reasonable times with advance notice as to not conflict with other responsibilities.
- B. The services performed by CONSULTANT under this CONTRACT shall be subject to review and approval by the DISTRICT's General Manager. The General Manager may delegate any or all of the DISTRICT's responsibilities under this CONTRACT to appropriate staff members, and shall so inform CONSULTANT before the effective date of such delegation. It is understood that the DISTRICT's review does not relieve CONSULTANT from the responsibility for the professional and clerical accuracy of all work delivered under this CONTRACT.

C. All information, data, reports, records, and maps as are existing, available, and in the DISTRICT's custody, and which are necessary to carry out the work shall be furnished to the CONSULTANT. The DISTRICT shall cooperate with CONSULTANT in every reasonable way during all phases of the SCOPE OF SERVICES in this CONTRACT.

SECTION III - SCOPE OF SERVICES

CONSULTANT will develop and implement an advertising campaign program in order to promote flood safety to the residents of Clark County. The advertising services to be provided by CONSULTANT shall consist of the work described in EXHIBIT 1 – SCOPE OF GENERAL CONTRACT SERVICES and shall be performed in compliance with the schedule shown on EXHIBIT 2 – SCHEDULE OF TASK COMPLETION. All services shall be completed by February 9, 2022.

SECTION IV - COMPENSATION AND TERMS OF PAYMENT

- A. The DISTRICT agrees to pay CONSULTANT for services performed under the EXHIBIT 1 SCOPE OF GENERAL CONTRACT SERVICES tasks and on a "Time and Materials" basis in accordance with EXHIBIT 2 SCHEDULE OF TASK COMPLETION. The maximum cost to the DISTRICT for all services under this CONTRACT shall not exceed Nine Hundred Ninety-Five Thousand Dollars (\$995,000), unless the DISTRICT receives a written request with justification and the DISTRICT approves in writing in advance of the services being provided for a change in scope and an increase in compensation. If a change is approved, a supplemental to this CONTRACT will be executed by both parties.
- B. The DISTRICT has allowed a maximum budget (Exhibit 3 BUDGET SUMMARY) for each task contained in EXHIBIT 1 SCOPE OF GENERAL CONTRACT SERVICES, as outlined below. The maximum budget amount for each task shall include any and all services associated with each particular task. CONSULTANT agrees not to exceed the budget amount for each task unless the DISTRICT's General Manager receives a written request with justification and the DISTRICT's General Manager approves in writing, in advance of the services being provided, a change in scope and an increase in compensation. Funds allocated for each task as set forth below must not be used for any other task unless approved in writing by the DISTRICT's General Manager. The total cost of all tasks in the CONTRACT shall not exceed \$995,000, except as provided in Section IV-A of this CONTRACT.

EXHIBIT 3 BUDGET SUMMARY

ITEM	COST	% OF BUDGET
I. Flood Safety Services		
A. Digital/Experiential	\$ 397,500	40%
B. Out-of-Home	\$ 218,850	22%
C. Television	\$ 195,000	20%
D. Radio	\$114,500*	11%
E. Print	\$ 45,150	5%
F. Ambient/Non-Traditional	\$ 20,000	2%
Total Flood Safety Services	\$ 991,000	
II. Contingency		
A. Contingency	\$ 4,000	0%
Total Contingency:	\$ 4,000	
Total 2021 Budget	\$ 995,000	

^{*}Includes \$10,000 new production

C. CONSULTANT is to submit itemized invoices to the DISTRICT for the work performed under the above listed tasks. The DISTRICT agrees to pay CONSULTANT the amount of the invoice within thirty (30) days following receipt of the invoice. In the event that the DISTRICT questions a portion of an invoice, payment will be made on that part not in question.

SECTION V - TERMINATION

This CONTRACT may be terminated by the DISTRICT upon thirty (30) calendar days' written notice to CONSULTANT. If said termination occurs prior to the completion of the services to be provided under this CONTRACT, CONSULTANT shall deliver to the DISTRICT all documents, computer diskettes, and all other work performed, whether complete or incomplete in a timely manner at the request of the DISTRICT. Thereafter, the DISTRICT will reimburse CONSULTANT for all services performed prior to such notice, provided the services are satisfactory to the DISTRICT. Termination shall be by written notice, which may be sent by registered mail or hand delivered to the address contained in this contract. Such notice will be deemed effective after the third business day of the mailing date, or if hand delivered such notice will be deemed effective upon receipt of the written termination to CONSULTANT.

SECTION VI - MISCELLANEOUS PROVISIONS

- A. In order to perform its duties as defined herein, CONSULTANT may, at its own expense, engage the services of outside agents. The DISTRICT will not be a party to any contract with outside agent and the total cost of this CONTRACT shall not be increased due to the utilization of an outside agent. Prior to engaging any outside agents, CONSULTANT shall request appropriate written authorization from the DISTRICT's General Manager.
- B. CONSULTANT acknowledges that the DISTRICT has an obligation to ensure that public funds are not used to subsidize private discrimination. CONSULTANT recognizes that if they or their subcontractors are found guilty by an appropriate authority of refusing to hire or do business with an individual or company due to reasons of race, color, religion, sex, sexual orientation, gender identity or gender expression, age, disability, national origin, or any other protected status, the DISTRICT may declare the CONSULTANT in breach of the CONTRACT, terminate the CONTRACT, and designate the CONSULTANT as non-responsible.
- C. Neither party may assign its rights and obligations pursuant to this CONTRACT without the written consent of the other party. The consent of a party to any assignment shall apply only to the incidents expressed and provided for in the written consent, and shall not be deemed a consent to any subsequent assignment. Subject to the foregoing, this CONTRACT inures to the benefit of, and is binding upon, successors and assigns of the parties hereto.
- D. CONSULTANT is an independent contractor. Nothing herein shall be construed to imply a joint venture or principal and agent relationship between the DISTRICT and CONSULTANT, and neither party shall have any right, power, or authority to create any obligation, express or implied, on behalf of the other.
- E. This CONTRACT shall be governed by and construed in accordance with the laws of the State of Nevada.
- F. The CONSULTANT shall obtain and maintain, for the duration of this CONTRACT, general liability insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the CONSULTANT, its agents, representatives, employees, or subcontractors of any tier. The cost of such insurance shall be at the CONSULTANT's own expense.

The CONSULTANT will provide the DISTRICT with certificates of insurance for coverage as listed below and endorsements, establishing coverage required by the CONTRACT within ten (10) calendar days after approval of this CONTRACT by the DISTRICT's Board. The certificate of endorsements for each insurance policy are to be signed by a person authorized by the insurer and licensed by the State of Nevada.

- Each insurance company's rating as shown in the latest Best's Key Rating Guide shall be fully disclosed and entered on the required certificate of insurance. The adequacy of the insurance supplied by the CONSULTANT, including the rating and financial health of each insurance company providing coverage, is subject to the approval of the DISTRICT.
- 2. The DISTRICT, its officers and employees must be expressly covered as insureds except on workers' compensation insurance coverage.
- The CONSULTANT's insurance shall be primary with respect to the DISTRICT, its officers, and employees. Any other coverage available to the DISTRICT, its officers, and employees shall be excess over the insurance required of the CONSULTANT.
- 4. The CONSULTANT's general liability insurance policy shall be endorsed to recognize specifically CONSULTANT's contractual liability to the DISTRICT. It is further agreed that the CONSULTANT or its Insurance Carrier shall provide the DISTRICT with 30-day advance written notice of any cancellation of the policies.
- All deductibles and self-insured retentions shall be fully disclosed in the Certificates of Insurance. No deductible or self-insured retention may exceed \$10,000, without the written approval of the DISTRICT.
- 6. If aggregate limits are imposed on bodily injury and property damage, then the amount of such limits must not be less than \$2,000,000. All aggregates must be fully disclosed and the amount entered on the required certificate of insurance. CONSULTANT must notify the DISTRICT of any erosion of the aggregate limits.
- 7. General liability coverage shall be on a "per occurrence" basis only and not "claims made". The coverage must be provided either on a Commercial General Liability form or a Broad Form Comprehensive General Liability form. No exceptions to coverages provided in such forms are permitted. Policies must include, but need not be limited to, coverages for bodily injury, personal injury, Broad Form property damage, premises operations, severability of interest, products and completed operations, and contractual and independent contractors. General liability insurance policies shall be endorsed to include DISTRICT as additional insureds. Subject to Paragraph 6 of this subsection, CONSULTANT shall maintain limits of no less than \$1,000,000, combined single limit per occurrence for bodily injury (including death), personal injury, and property damages.
- The CONSULTANT shall obtain and maintain, for the duration of this CONTRACT, automobile coverage which must include, but need not be limited to, coverage against claims for injuries to persons or damages to property which

may arise from or in connection with the use of any auto in the performance of the work hereunder by the CONSULTANT, its agents, representatives, employees, or sub-consultants of any tier. Subject to Paragraph 6 of this subsection, CONSULTANT shall maintain limits of no less than \$1,000,000, combined single limit "per occurrence" for bodily injury and property damage.

- 9. If the CONSULTANT fails to maintain any of the insurance coverages required herein, then the DISTRICT will have the option to declare the CONSULTANT in breach, or may purchase replacement insurance or pay the premiums that are due on existing policies in order that the required coverages may be maintained. The CONSULTANT is responsible for any payments made by the DISTRICT to obtain or maintain such insurance and the DISTRICT may collect the same from the CONSULTANT or deduct the amount paid from any sums due the CONSULTANT under this CONTRACT.
- 10. The insurance requirements specified herein do not relieve the CONSULTANT of its responsibility or limit the amount of its liability to the DISTRICT or other persons and the CONSULTANT is encouraged to purchase such additional insurance as it deems necessary.
- CONSULTANT is responsible for and required to remedy all damage or loss to
 any property, including property of DISTRICT, caused in whole or in part by the
 negligent or intentional acts or omissions of the CONSULTANT,
 CONSULTANT's sub-consultant, or anyone employed, directed, or supervised by
 CONSULTANT.
- G. Regardless of the coverage provided by any insurance, CONSULTANT shall pay all costs necessary to defend and shall indemnify and hold harmless the DISTRICT from any and all claims, demands, actions, attorneys' fees, costs, and expenses based upon or arising out of any negligent or intentional acts or omissions of the CONSULTANT or its associates, employees, subcontractors, and other agents while performing services under this CONTRACT.
- H. This document shall not create any right in or benefit to parties other than the DISTRICT and CONSULTANT.
- I. The failure of either party to enforce, at any time or for any period of time, the provisions hereof shall not be construed as a waiver of such provisions or of the rights of such party to enforce each and every provision.
- J. Except as where specifically stated otherwise in this CONTRACT, all notices, requests, demands, and other communications required or permitted pursuant to this CONTRACT shall be made in writing and shall be deemed to have been duly given if personally delivered or deposited in the United States mail, first class postage, prepared and addressed as follows:

	To DISTRICT:	Steven C. Parrish, P.E., General Manager/Chief Engineer Clark County Regional Flood Control District 600 South Grand Central Parkway, Suite 300 Las Vegas, Nevada 89106-4511
	ToCONSULTAN	T: Scott Robertson, Partner & Creative Director Robertson Partners 6061 South Fort Apache Road, Suite 100 Las Vegas, Nevada 89148
	Or to such other adherein to the other p	dress as either party may specify by written notice given as provided party.
K.	period of one (1) ye	all have the right and option to extend this CONTRACT one time for a car each if the option is exercised by the DISTRICT at any time prior to is CONTRACT, including any extensions hereto.
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of the CONTRACT.	
Date of District Action:	REGIONAL FLOOD CONTROL DISTRICT
ATTEST	By:CHAIR
Deanna Hughes Secretary to the Board Approved as to Form:	
By: CHRISTOPHER FIGGINS RFCD Attorney	
	Robertson Partners
	By: SCOTT ROBERTSON Partner and Creative Director

This third renewal option of the CONTRACT shall be in effect from February 11, 2021 until February 9, 2022 unless terminated earlier by the DISTRICT pursuant to the terms

L.

This advertising services work plan will cover creative work, copywriting, design, production, printing, media placement, web development and related services for the dissemination of flood safety messages to the public. The annual budget for all services shall be \$995,000. All costs associated with this contract, including fees, media buys, distributions, mailings, overhead costs and any other costs will come in at or under the budget amount.

The goals of the marketing and advertising campaign are to disseminate flood safety informational messages at a near 100% saturation level for the following target groups throughout all areas of Clark County: HOMEOWNERS MOTORISTS NEW RESIDENTS CHILDREN "YOUNG INVINCIBLES" (16–24) ETHNIC COMMUNITIES (HCM, ACM, AACM) OUTLYING COMMUNITIES

I. MEDIA OBJECTIVE

Our media strategies and tactics build on the success and awareness levels of prior years, while evolving to align with the continuously changing media landscape and offerings. While messaging continues to focus on the dangers of entering flooded streets, it is expanded to include the dangers of walking/playing in and around storm water drains. Our media plan combines traditional media placement with some non-traditional creative approaches, including digital, experiential and emerging media opportunities. The objective for this approach is to allow us to reach our identified audiences efficiently and effectively by utilizing specific, targeted media that engrosses, engages and allows for community interaction.

II. MEDIA STRATEGIES

The media plan is designed to reach community residents at multiple touch points prior to, and while operating their vehicle. In addition, placements targeting families with kids and tweens/teens are taken into account to message the dangers of playing in and around storm drains. A multimedia approach, utilizing Digital, Social, Out-of-Home, TV, Radio, Print and Non-Traditional will be executed, with each medium selected to specifically target media habits of different demographics. This recommendation will collectively broaden our reach and impact upon the community. The creative strategy and media vehicles are designed to work together to maximize exposure of the Flood Safety messages among all target audiences.

The media plan provides mass awareness and specific weather-triggered activations in English and Spanish. Weather-triggered activations across multiple mediums allow timely Flash Flood Warning messages to maximize reach and frequency during inclement weather, making our media dollars work effectively and efficiently with relevant messaging. Our recommendations are based on Scarborough and Geoscape/Claritas research, RFCD survey information, market conditions, and daily market opportunities. The recommended plan will include initiatives designed to maximize media dollars, target multiple audiences, strengthen current partnerships and focus on new strategic partnerships.

PROPOSED MEDIA

EXPERIENTIAL DIGITAL OUT-OF-HOME RADIO TELEVISION PRINT NON-TRADITIONAL MEDIA COMMUNITY PARTNERSHIPS

III. MEDIA RECOMMENDATIONS — FLOOD SAFETY

A. EXPERIENTIAL + DIGITAL

Consultant will expand on the distribution and execution of the Experiential/VR activation. Experiential enables you to create immersive, visceral experiences that can be packaged and syndicated into a multitude of formats and channels. Experiential and digital executions will be used to reach the total population, with primary emphasis on engaging with the "Young Invincible" and "New Resident." The Experiential/VR activation is created in both English and Spanish to support all Hispanicity levels of the Hispanic community in Clark County.

For 2021, as schools hopefully return to face-to-face by the new school year, consultant will support Experiential/VR outreach by supporting district staff plans to incorporate the VR into the schools and community outreach. Additionally, consultant will explore activations with the local sports teams. Consultant will support the district staff with brand ambassadors to help with activations, provide additional Google Cardboard sets so more students/community can participate during events while adhering to any remaining COVID-19 guidelines. Digital campaigns are monitored and measured through dashboards/interfaces. Additionally, third party ad tags are served through DoubleClick to verify impressions and clicks.

EXPERIENTIAL

- Creative specifically for this environment with expectations of "Young Invincibles" driving development
- Support VR presentations with Brand ambassadors and additional Google Cardboards
- · Expand VR experience with Spanish translation
- Support Virtual Reality experience with more than 4.7 million views on YouTube

SOCIAL

- Utilize Snapchat/TikTok platforms to connect with the "Young Invincibles" and Tween audience
- Utilize Facebook/Instagram targeting to reach the "New Resident" (targeting life event: new city last 6 months)
- · Utilize in-feed and in-messaging placements
- Develop social campaigns in English and Spanish
- Hyper-local targeting of outlying areas
- Partner with Waze: Zero Speed Takeover
- Weather-triggered: Increase frequency across social platforms during inclement weather

III. MEDIA RECOMMENDATIONS — FLOOD SAFETY

AUDIO

- Evaluate Pandora, Spotify and programmatic audio placements to reach the target audiences
- · Placements in English and Spanish
- Weather-triggered: Evaluate the ability to switch the creative message based on weather condition with 24-48 hours notice

VIDEO

- · Video placements to include YouTube and programmatic DSPs to reach the Connected TV and OTT audience
- · Video also used in creative units for social media
- · Provides the ability to target in English and Spanish
- · In-gaming apps to target teens/tweens
- · Weather-triggered: Evaluate the ability to switch the creative message based on weather condition with 24-48 hours notice

ADDITIONAL CONSIDERATIONS

 Pending availability, utilize homepage takeovers on sites such as LVRJ.com and placements on weather-related sites to maximize reach and frequency during inclement weather

III. MEDIA RECOMMENDATIONS — FLOOD SAFETY

B. OUT-OF-HOME

Outdoor is a primary focus in our work plan as it has proven to be extremely successful in reaching motorists at a key point in time while they are driving. Consultant recommends that Out-of-Home remains a lead advertising medium.

Consultant will maintain the outdoor billboard campaign, delivering 150-200 million impressions across the campaign, while reaching both the General and Hispanic market residents. Added value digital inventory allowed us to increase the reach and frequency of the branding messaging, as well as provide the flexibility to change creative to Flash Flood Warning messaging during inclement weather with 24 hours notice.

Additionally, consultant will continue exposure to motorists at gas stations with pump toppers and will explore new opportunities with C-Stores at gas station locations.

Outdoor has the ability to reach all designated target audiences: General Market, Hispanic, African American and Asian; "New Residents" and "Young Invincibles."

- · Outdoor provides the lowest cost-per-thousand reach of all other mass advertising media
- Outdoor allows delivery to multiple household member simultaneously (e.g., each member of a family of four traveling in a car could ideally see an outdoor message)
- Outdoor allows delivery of our message at the most crucial time and to the most significant audience

Posting Dates: June-September 2021

Planned Quantity: 15-20 Static Billboards; 15-30 Gas Stations + Digital Billboards as Added Value

Estimated Weekly Reach: 65-75% Estimated Weekly Frequency: 5-7x

Weather-Triggered Activation:

Copy change on added value Digital Billboards with 24 hours notice

III. MEDIA RECOMMENDATIONS — FLOOD SAFETY

C. TELEVISION

Television is recommended to maintain a high level of exposure in the Las Vegas market. A combination of 15-second and 30-second spots are recommended to keep the community engaged. Weather sponsorship opportunities are also evaluated for synergy of messaging.

Consultant will continue placements on local broadcast (English-and Spanish-language stations) and cable/satellite, contingent on negotiated cost-per-points. While the full market does not subscribe to cable/satellite, the audience/GRP delivery is based on the full market in order to account for the homes that do not subscribe. The proposed television schedule includes local news and expands into other dayparts to influence and educate across all audiences. In addition, the digital plan looks at further connecting with "cord-cutters" through the use of OTT/ Connected TV opportunities and YouTube.

Flight Weeks: June-September 2021
Estimated # of :15/:30 Spots per Week: 50x
Added Value Priorities: Bonus Spots/Weather Sponsorships
Estimate
Campaign Reach/Frequency: 70-85%/8-10x

Weather-Triggered Activation: Consider changing spot to Flash Flood Warning message with 48-hour notice

D. RADIO

Radio plays a dual role in the marketing campaign. While it supports the outdoor campaign, it also reaches our target audiences during peak drive times. All radio stations in the Las Vegas market will be availed, and spots will be concentrated weekdays from 5a.m.–8p.m. The awareness campaign will consist of :30 spots. A separate weather-triggered campaign will be activated with 24–48 hours notice, as available, consisting of :10/:15 live and recorded reads to remind the target audiences of the dangers of the impending inclement weather. The campaign will include English-and Spanish-language stations. Radio station partnerships will be leveraged to encourage dissemination of Flood Safety collateral pieces at station events/remotes. Additionally, the reach of terrestrial radio is extended through the use of Pandora and/or Spotify placements within the digital plan.

Flight Weeks: June–September 2021
Estimated # of :30 Spots per Week: Minimum 150x
Added Value Priorities: Bonus Spots/Collateral at Community
Events
Estimated Campaign Reach/Frequency: 80-85%/8-10x

Weather-Triggered Activation:
Placement of :10/:15 live reads with 24–48 hours notice

III. MEDIA RECOMMENDATIONS — FLOOD SAFETY

E. PRINT

Print will be used to reach specific ethnic minority segments within the community along with "New Residents." The Hispanic population has grown to over 30% of the market's total population and Filipinos are 50% of the total Asian population in Las Vegas. Communicating the Flood Safety message in a familiar way is essential. In-language print reaches a loyal readership amongst first-generation Hispanics.

Consultant will advertise in appropriate language publications.

Communication to "New Residents" will continue throughout the year to provide awareness of flood dangers to new members of the community. This is a vital audience that is new to the messaging and dangers of flash floods. This communication will involve email marketnig as well as presence in the *Relocating to Las Vegas Guide*.

EL MUNDO — FULL PAGE AND HALF PAGE

El Mundo brings the latest local, national and international news, giving emphasis to news stories that affect the Mexican, Central American and South American communities.

EL TIEMPO — FULL PAGE AND HALF PAGE

El Tiempo is a community newspaper written for Hispanics and printed by the Las Vegas Review-Journal.

ASIAN JOURNAL — HALF PAGE

Asian Journal maintains consistent circulation reaching local Filipino-Americans.

RELOCATING TO LAS VEGAS — FULL PAGE

Relocating to Las Vegas: Relocation and Resources Guide reaches prospective Clark County residents prior to relocating. Annual presence across all four issues: Winter, Spring, Summer and Fall.

III. MEDIA RECOMMENDATIONS — FLOOD SAFETY

F. AMBIENT/NON-TRADITIONAL

As COVID-19 restrictions hopefully subside in 2021, consultant recommends continuing the production of the CCRFCD Bags. The bags have been extremely successful since 2008 due to the partnerships consultant has formed with Farmer's Markets, Mariana's and events like the Art Festival.

Air fresheners are another successful tactic that consultant recommends continuing. This concept came about after narrowing down the most effective way to reach motorists. Having our message in the vehicle at the time of a flood is unquestionably most effective. Consultant partnered with Terrible Herbst car wash locations as an air freshener distribution partner. Consultant recommends continuing these partnerships in 2021.

Since these non-traditional concepts have proven to be successful, consultant continues to evaluate additional ambient options.

In addition, consultant will explore opportunities to incorporate the VR experience with the driving schools in Clark County that offer Minor Drivers Education (for beginning drivers under 18 years of age) as listed on the DMV website. Additionally, pending their return in 2021, explore opportunities to partner with the Drivers' Edge Program in Las Vegas.

IV. MEDIA RECOMMENDATIONS — STORMWATER

Consultant understands an additional goal of the RFCD is to review the public education component of the valley wide National Pollutant Discharge Elimination System (NPDES) Stormwater Permit.

In 2019, consultant developed a new TV spot speaking directly to the effects of stormwater drain pollution to improve the general public's knowledge. While this media is placed directly, consultant will help secure placements and add it to social messaging to further disseminate the content.

In addition, consultant currently supports BeLakeFriendly.com through maintenance, hosting and appropriate updates and upgrades to maintain best web practices. This includes content management, database and server management related to hosting and UX/UI updates relating to changing technology.

V. MEDIA RECOMMENDATIONS — CONTINGENCY

In addition to the preceding media vehicles, there may be other creative/production expenditures for non-traditional methods to ensure our Flood Safety messages are effectively and efficiently targeted to the defined audiences. The 2021 Contingencies may include but are not limited to those services and deliverables outside of but related to the Scope of General Contract Services contemplated herein. Additionally, if the contingency budget is not used during monsoon season, it provides additional funds to support weather-triggered media throughout the year as applicable and affordable as approved by the District's General Manager or designee.

EXHIBIT 2 SCHEDULE OF TASK COMPLETION

	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	ОСТ	NOV	DEC	JAN
MEDIA												
A. DIGITAL/EXPERIENTIAL												
Social: (Facebook/Instagram/Snapchat/TikTok			1	prod	100							
Social: Facebook/Instagram - New Residents				prod					1			
Social: Weather-Triggered				prod								
Audio: Pandora/Spotify/iHeart/Radio.com				prod								
Video: YouTube/Connected TV/OTT				prod								
Maps: Waze				prod								
Weather-Triggered: Placements above plus homepage takeovers, weather sites				prod								
B. OUT OF HOME: (ENG/SPA)												
Static Billboards				prod								
Digital Billboards (Added Value)				prod								
Gas Pumps				prod								
C. TELEVISION: (ENG/SPA)												
Spot Schedule (:15:30)				prod								
D. RADIO: (ENG/SPA)												
Spot Schedule (:30)				prod								
E. PRINT: (SPA/ASIAN/NEW RESIDENTS)												
ETHNIC NEWSPAPER												
El Mundo				prod								
El Tiempo				prod								
Asian Journal				prod								
NEW RESIDENTS												
Relocation Package												
F. AMBIENT/NON-TRADITIONAL												
Vinyl Tote Bag		prod										
Air Fresheners		prod										
RFCD School Outreach Support/Press Conference/ Stormwater												

EXHIBIT 3 BUDGET SUMMARY

Our proposed fee/billing arrangement for the RFCD Flood Safety Advertising Services contract will be as follows: creative and account services billed at our reduced blended hourly rate of \$125/hour, with media and outside production billed with a standard agency commission of 15% of the gross.

2021 MEDIA BUDGET

ITEM	COST	% OF BUDGET		
I. FLOOD SAFETY SERVICES A. Digital/Experiential B. Out-of-Home C. Television D. Radio E. Print F. Ambient/Non-Traditional TOTAL FLOOD SAFETY SERVICES	\$397,500 \$218,850 \$195,000 \$114,500* \$45,150 \$20,000 \$991,000	40% 22% 20% 11% 5% 2%		
II. CONTINGENCY A. Contingency TOTAL CONTINGENCY	\$4,000 \$4,000	0%		
TOTAL 2021 BUDGET	\$995,000	100%		

Budget summaries inclusive of creative, production, media and account management.

^{*}Includes \$10,000 new production.

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

CITIZENS ADVISORY COMMITTEE TOUR OF DISTRICT FACILITIES

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

DISCUSS THE CITIZENS ADVISORY COMMITTEE TOUR OF DISTRICT FACILITIES AND TAKE ACTION AS DEEMED APPROPRIATE (FOR POSSIBLE ACTION)

FISCAL IMPACT:

None.

BACKGROUND:

For the past several years the Citizens Advisory Committee has toured District facilities. The tours have been attended by Citizens Advisory Committee members, Technical Advisory Committee members, District Board members, members of the general public and District staff.

Due to the pandemic, the Citizens Advisory Committee will take action to cancel, postpone until next year or hold a virtual tour in calendar year 2021 for a tour of flood control facilities or take other action as deemed appropriate.

Respectfully submitted,

CAC AGENDA ITEM #15

Date: 02/01/2021

Steven C. Parrish, P.E.

General Manager/Chief Engineer

020121 CAC Tour Item

16. Comments By the General Public

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

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