

REGIONAL FLOOD CONTROL DISTRICT



NOTICE OF PUBLIC MEETING

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT CITIZENS ADVISORY COMMITTEE

APRIL 30, 2020
3:00 P.M.

On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Emergency Directive 010 extends the requirements of Emergency Directive 006 until April 30, 2020. Pursuant to Directives 006 and 010, 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 April 30, 2020.

The meeting of the Clark County Regional Flood Control District Citizens Advisory Committee will be available to livestream at the following link <https://www.ccrfcd.org/stream.htm>.

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, <http://www.ccrfcd.org>; or by contacting Deanna Hughes through mail at 600 South Grand Central Parkway, Suite 300 Las Vegas, Nevada 89106, by calling (702) 685-0041, or by email at DHughes@regionalflood.org.

In accordance with the State of Nevada Executive Department's Declaration of Emergency, Directive 006, 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.ccrfcd.org

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

By: Deanna Hughes
Deanna Hughes

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. On March 31, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 010, which extends the suspension of requirements contained in NRS 241.023(1)(b) through April 30, 2020.

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

REGIONAL FLOOD CONTROL DISTRICT



AGENDA
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CITIZENS ADVISORY COMMITTEE
APRIL 30, 2020
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.ccrfed.org/stream.htm>

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. On March 31, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 010, which extends the suspension of requirements contained in NRS 241.023(1)(b) through April 30, 2020.

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 March 2, 2020 meeting (*For possible action*)

II. Administration

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

5. Action to adopt amendments to the Ten-Year Construction Program (*For possible action*)
6. Discussion and possible action to approve the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2020-2021 Project List (*For possible action*)
7. Action to accept a presentation and approve and authorize the General Manager to sign an interlocal agreement between the Southern Nevada Water Authority and the District to fund the development of a Site-Specific Criteria for Selenium in the Las Vegas Wash (*For possible action*)
8. Action to approve and authorize the Chair to sign a Memorandum of Agreement between the National Weather Service (NWS) and the Regional Flood Control District for retrieval of data necessary and essential for the accurate and timely issuances of flash flood and severe thunderstorm warnings for the citizens of Clark County (*For possible action*)

III. Design and Construction

9. Duck Creek – Jones Boulevard Storm Drain – Clark County (*For possible action*)
 - a. Action to accept the project presentation
 - b. Action to approve the interlocal contract for construction
10. Flamingo – Boulder Highway North, Charleston – Boulder Hwy to Maryland Pkwy and Maryland Pkwy System – City of Las Vegas (*For possible action*)
 - a. Action to accept the project presentation
 - b. Action to approve the interlocal contract for construction

IV. Other Items – For Information Only

11. Receive a report on previous items submitted that were heard and approved by the Board of Directors on April 9, 2020:
 - a. Receive the Quarterly Project Status Reports: reporting period November 2019 through January 2020
 - b. FY 2019-2020 – First Supplemental Interlocal Contract for maintenance to increase funding – City of Henderson
 - c. Second Supplemental Interlocal Contract: Flamingo – Boulder Highway North, Charleston – Main Street to Maryland Parkway – extend the project

- completion date and add a line item for entity design labor costs – City of Las Vegas
- d. Third Supplemental Interlocal Contract: Centennial Parkway Channel West – US95, CC215 to Grand Teton and US95 Crossing at Kyle Canyon Road – extend the project completion date and add a line item for entity construction labor costs – City of Las Vegas
 - e. Second Supplemental Interlocal Contract: Gowan North – El Capitan Branch, Ann Road to Centennial Parkway – extend the project completion date and add a line item for entity design labor costs – City of Las Vegas
 - f. Third Supplemental Interlocal Contract: Flamingo – Boulder Highway North, Charleston – Boulder Hwy to Maryland Parkway and Maryland Parkway System – increase funding and add a line item for entity design labor costs – City of Las Vegas
 - g. Project Presentation: Duck Creek Haven Street Storm Drain – Clark County
 - h. Original Interlocal Contract: Duck Creek Haven Street Storm Drain – Clark County

12. **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. On March 31, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 010, which extends the suspension of requirements contained in NRS 241.023(1)(b) through April 30, 2020.

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.

NOTE: The next scheduled Citizens Advisory Committee meeting is on Monday, June 1, 2020 at 3:00 p.m.

MINUTES
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CITIZENS ADVISORY COMMITTEE
MARCH 2, 2020
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 tapes on file at the Regional Flood Control District (RFCD) offices.

MEETING NOTICES: Public Notices of this meeting were properly posted by Dorothy Davis of the Regional Flood Control District (RFCD) in the following locations: Boulder City City Hall, Clark County Government Center, Henderson City Hall, Las Vegas City Hall, Mesquite City Hall, North Las Vegas City Hall, Clark County Regional Flood Control District (RFCD) Offices, Clark County Regional Flood Control District (RFCD) Website (www.regionalflood.org), and the State of Nevada Public Notice Website (<https://notice.nv.gov/>)

CALL TO ORDER: Mr. Ronald Newell, Chair, Clark County, called the meeting to order at 3:00 p.m., in Room 108, 600 South Grand Central Parkway, with the following members present:

MEMBERS PRESENT: Ronald Newell, Chair, Clark County
Norman Ashford, City of Mesquite
Larry Schultz, Clark County
Ed Uehling, Clark County
Jason Gross, City of Boulder City
Jeffrey Lastofka, City of Boulder City
Kyle Stephens, City of Las Vegas
Jim Jordano, City of Henderson

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

STAFF: Steven C. Parrish, General Manager/Chief Engineer
Andrew Trelease, Assistant General Manager
Christopher Figgins, Chief Deputy District Attorney
Todd Myers, Engineering Director
Jeanine Pitts-Dilworth, Administrative Services Director
John Tennert, Environmental Mitigation Manager
Erin Neff, Public Information Manager
Abigail Mayrena, Principal Civil Engineer
Brian Rowley, Principal Civil Engineer

Ching Wang, Senior Civil Engineer
Debra Yamachika, Senior Civil Engineer
Deanna Hughes, Administrative Services Administrator
Jessica Butte, Fiscal Services Administrator
Jessica Acuña, Public Information Coordinator
Dorothy Davis, Senior Office Specialist
Serenity Ayala, Administrative Assistant

INTERESTED PARTIES: Mr. Fred Retzlaff, P.E., Westwood

I. Call to Order

Mr. Ronald Newell, Chair, called the Citizens Advisory Committee meeting to order at 3:00 p.m. in Room 108 of the RFCD/RTC Administration Building.

1. Comments By the General Public

Mr. Parrish advised the committee that Mr. Starmer will be working on a project for approximately six (6) months but will continue to attend the monthly meetings.

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

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

Staff recommends approval.

Mr. Uehling moved for approval of the agenda.

8 AYES – 0 NAYS

Motion Carried

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

Upon a motion by Mr. Schultz, the minutes of the February 3, 2020 meeting were approved.

8 AYES – 0 NAYS

Motion Carried

II. Administration

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

Mr. Parrish stated the report was in the backup with the latest Sales Tax report, which is approximately \$1.2 million above what was estimated.

Staff recommends acceptance of the financial reports.

Mr. Uehling moved to follow staff recommendation.

**8 AYES – 0 NAYS
Motion Carried**

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

Mr. Parrish stated these are amendments that will occur later in the agenda with no fiscal impact, and Clark County has a separate item to rearrange projects on the Ten-Year Construction Program to mitigate the fiscal impacts in their area.

Staff recommends approval.

Mr. Ashford moved to follow staff recommendation.

**8 AYES – 0 NAYS
Motion Carried**

6. Action to accept the fifth amendment to the final accounting report and project closeout for the following project (*For possible action*):

- Tropicana Wash at Swenson Street (construction) – CLA10G12

Mr. Parrish stated this item was part of a settlement with a contractor that declared bankruptcy. We will continue to see this periodically as they reimburse what is owed.

Staff recommends approval.

Mr. Uehling moved to follow staff recommendation.

8 AYES – 0 NAYS
Motion Carried

7. Action to accept the final accounting reports and project closeouts for the following projects (*For possible action*):

- Pittman, Horizon Ridge Detention Basin (design) – HEN05E09
- Horizon Ridge Detention Basin (construction) – HEN05G16

Mr. Parrish advised these closeouts returned just under \$730,000.

Staff recommends approval.

Mr. Uehling wanted to know why so much money was being returned. Mr. Parrish advised that construction projects are higher dollar amounts with a buffer in the event there's a change order. If not, those funds are returned.

Mr. Gross asked the question whether the budget included funds for the Change Order. Mr. Parrish advised yes, usually about ten percent (10%) is automatically built in.

Mr. Gross moved to follow staff recommendation.

8 AYES – 0 NAYS
Motion Carried

8. Receive the Maintenance Work Program Second Quarter Fiscal Year 2019-2020 Status Reports as submitted by the entities

Mr. Parrish stated the reports are in the backup, showing \$2.5 million of the \$12.3 million budget has been spent. This is twenty-one percent (21%) higher than usual around this time of the year.

Mr. Uehling asked if this included homeless cleanup. Mr. Parrish advised yes it does.

No Action Required.

9. Action to approve the fourth amendment to the professional services agreement with Briscoe Ivester & Bazel LLP to provide legal consulting services to increase funding

regarding the National Pollutant Discharge Elimination System (*For possible action*)

Mr. Parrish advised that Ivester & Bazel, LLP is a firm that assists the District with National Pollutant Discharge Elimination System issues and lately there have been other environmental issues that require their assistance. An increase to this agreement will cover those costs.

Mr. Schultz inquired about the timeframe for obtaining the National Pollutant Discharge Elimination Permit. Mr. Parrish advised that the State is responsible for drafting and issuing this Permit. The current permit expired in 2015 and has been extended and now going on five (5) years. A new permit has been drafted and is being circulated in the State office, which we should be seeing soon. In the meantime, Mr. Bazel will step in to review any issues that may require his assistance to resolve. He is paid on a service only basis and not a month to month.

Mr. Ashford inquired about the risk of health issues due to selenium. Mr. Parrish stated yes, as with anything, in moderation it would not be that bad, but if you get a lot of it in your system it could be harmful. It's more for protecting habitat than humans.

Mr. Uehling stated he understood the permit regulates sewage going into the flood control instead of minerals from the soil. Mr. Parrish explained that the NPDES (National Pollutant Discharge Elimination System) is separate from that issue. It is designed to regulate construction sites, and to ensure pollutants are not released into the water bodies.

Mr. Trelease elaborated stating the water is treated not sewage water. If there are any spills, those are dealt with immediately at that time.

Staff recommends approval.

Mr. Schultz moved to follow staff recommendation.

**8 AYES – 0 NAYS
Motion Carried**

III. Design and Construction

10. Action to approve the first supplemental interlocal contract for design to increase funding for Wagon Trail Channel – Sunset Road to Teco Avenue – Clark County *(For possible action)*

Mr. Parrish advised this was a supplement with a fiscal impact in the amount of \$50,000 adding a line item for entity labor costs.

Mr. Jordano asked if there was a standard process being worked on what is decided on for the percentage of design costs. Mr. Parrish stated that was an ultimate goal, and at this time they are trying to collect data to establish what that percentage should be. Mr. Jordano commented that this project was being reviewed by a consultant and guided by project management.

Staff recommends approval.

Mr. Lastofka moved to follow staff recommendation.

**8 AYES – 0 NAYS
Motion Carried**

11. Silverado Ranch Detention Basin, Collection & Outfall – Clark County *(For possible action)*
- a. Action to accept the project presentation

Mr. Fred Retzlaff, P.E., Westwood gave a presentation.

Mr. Schultz asked if there were any risk or site conditions with this design that should be made aware. Mr. Retzlaff stated a thorough site investigation was done on the soil and stability, as well as a discussion with the State engineer. The risks are very minimal.

- b. Action to approve the interlocal contract for construction.

Mr. Parrish stated this is a contract in the amount of \$26,000,000 for construction.

Staff recommends acceptance of the project presentation (item 11a) and approval of item 11b.

Mr. Schultz moved to follow staff recommendation.

**7 AYES – 0 NAYS – 1 ABSTENCION (Mr. Jordano)
Motion Carried**

12. Action to approve the interlocal contract for design for Duck Creek Haven Street Storm Drain – Clark County (*For possible action*)

Mr. Parrish stated this is an interlocal contract for design in the amount of \$354,000.

Staff recommends approval.

Mr. Ashford moved to follow staff recommendation.

**8 AYES – 0 NAYS
Motion Carried**

13. Action to approve the first supplemental interlocal contract for design to increase funding, add a line item for entity labor costs and extend the project completion date for LVW – Moccasin, Skye Canyon Park to Upper LVW – City of Las Vegas (*For possible action*)

Mr. Parrish stated this supplement adds a line cost of \$60,000 for entity design costs.

Mr. Gross asked if design cost were the same as engineering design. Mr. Parrish stated this was a special case, where the City of Las Vegas entered into an agreement with a developer. The design cost is being funded by the developer.

Staff recommends approval.

Mr. Gross moved to follow staff recommendation.

**8AYES – 0 NAYS
Motion Carried**

14. **Comments By the General Public**

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

Mr. Newell advised he would not be attending the next Citizens Advisory Committee.

Regional Flood Control District
Citizens Advisory Committee Minutes
March 2, 2020
Page 8


**NOTE: The next scheduled Citizens Advisory Committee meeting is on Monday, March 30,
2020 at 3:00 p.m.**

ADJOURNMENT
the meeting adjourned at 3:27 p.m.

Respectfully submitted,

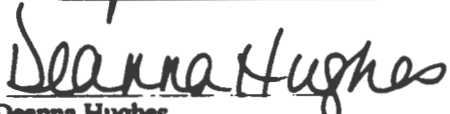


Steven C. Parrish, P.E.,
General Manager/Chief Engineer



Ronald Newell,
Chair

Attest April 30, 2020



Deanna Hughes,
Board Secretary


/dd

Regional Flood Control District
Citizens Advisory Committee Minutes
March 2, 2020
Page 8

NOTE: The next scheduled Citizens Advisory Committee meeting is on Monday, March 30, 2020 at 3:00 p.m.

ADJOURNMENT
the meeting adjourned at 3:27 p.m.

Respectfully submitted,



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

Ronald Newell,
Chair

Attest _____, 2020

Deanna Hughes,
Board Secretary

/dd

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:
FINANCIAL REPORTS – MARCH 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 March 2020, are submitted for your review:

<u>Section</u>	<u>Description</u>	<u>Page(s)</u>
A - Fund 2860	Fund Balance Report.....	1
	Appropriation Balance Report – FY 2019-20	2
	Sales Tax Revenue Report – FY 2019-20	3
	Monthly Expenditure Summary Report	4
B - Fund 2870	Fund Balance Report.....	5
	Maintenance Work Program Monthly Expenditures.....	6-7
	Maintenance Work Program Status Report – FY 2020.....	8-9
C - Fund 3300	Fund Balance Report.....	10
D - Fund 4430	Fund Balance Report.....	11
	Monthly Expenditure Report.....	12-13

TAC AGENDA ITEM #04 DATE: 04/30/2020	RFCD AGENDA ITEM # DATE: 05/21/2020
CAC AGENDA ITEM #04 DATE: 04/30/2020	

E - Summary

Pay-As-You-Go Funded – Current Project Expense Summary	14-39
Bond Funded – Current Project Expense Summary	40-44
Capital Improvement Program – Open Projects Summary	45
Pay-As-You-Go Funding – Cumulative Reporting.....	46-58
Bond Funding – Cumulative Reporting	59-63
FY 2019-20 Projects Funded Summary	64-65
Estimated Funding Schedule	66

Respectfully submitted,

TAC AGENDA ITEM #04 DATE: 04/30/2020	RFCD AGENDA ITEM # DATE: 05/21/2020
CAC AGENDA ITEM #04 DATE: 04/30/2020	



 Jeanne Pitts-Dilworth
 Administrative Services Director

FOR

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

BEGINNING CASH BALANCE: \$ 15,024,934.57
Accruals/Adjustments

TOTAL BEGINNING BALANCE \$ 15,024,934.57

REVENUES:

Sales Tax Revenue (Collected January 2020) 9,225,738.25
Interest Earnings 17,140.26
Fund 4430 - Transfer In Interest Earnings 61,538.46
Build America Bonds Rebate -
Sale of Materials 20,425.00
Miscellaneous Other Revenue -
Petty Cash Reimbursements -
Miscellaneous Accruals/Adjustments 15,149.86

TOTAL REVENUES \$ 9,339,991.83

EXPENDITURES:

Salaries & Benefits (389,422.79)
Services & Supplies (38,981.42)
Professional Services (69,500.35)
Capital Expenditures -
Fund 2870 - Transfer Out Maintenance Work Program (900,000.00)
Fund 3300 - Transfer Out Debt Service (3,695,862.51)
Fund 4430 - Transfer Out Budgeted Transfers (3,810,000.00)
Accruals/Adjustments
Accounts Payable -
Miscellaneous Accruals/Adjustments 65,234.61

TOTAL EXPENSES \$ (8,838,532.46)

ENDING CASH BALANCE: \$ 15,526,393.94

REGIONAL FLOOD CONTROL DISTRICT
 FUND 2860 - OPERATING FUND
 APPROPRIATION BALANCE REPORT
 FISCAL YEAR 2019-20

REVENUES/FINANCING SOURCES

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	UNREALIZED	% UNREALIZED
Revenues	\$ 113,432,651.00	\$ 69,841,097.69	N/A	\$ 43,591,553.31	38%
Other Sources	<u>800,000.00</u>	<u>553,846.14</u>	<u>N/A</u>	<u>246,153.86</u>	<u>31%</u>
TOTAL	\$ 114,232,651.00	\$ 70,394,943.83	N/A	\$ 43,837,707.17	38%

EXPENDITURES/TRANSFERS

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	AVAILABLE	% AVAILABLE
Expenditures	\$ 10,409,100.00	\$ 5,833,692.19	\$ 1,899,280.14	\$ 2,676,127.67	26%
Transfers Out					
Debt Service	52,600,000.00	38,607,058.23	-	13,992,941.77	27%
MWP	11,000,000.00	6,500,000.00	-	4,500,000.00	41%
CIP (1)(2)	<u>48,000,000.00</u>	<u>26,550,000.00</u>	<u>-</u>	<u>21,450,000.00</u>	<u>45%</u>
TOTAL	\$ 122,009,100.00	\$ 77,490,750.42	\$ 1,899,280.14	\$ 42,619,069.44	35%

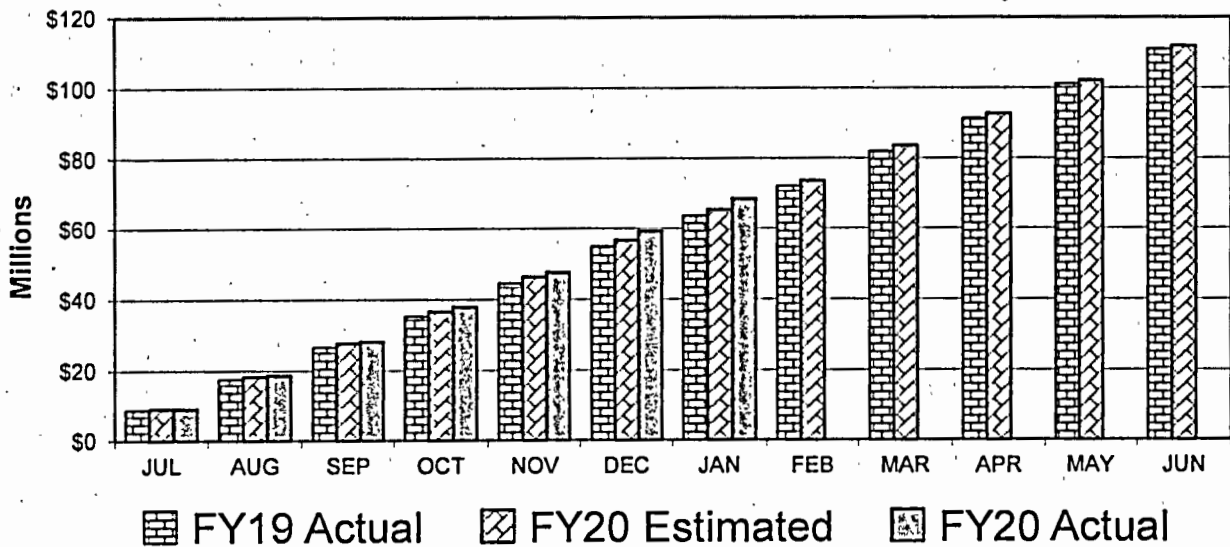
Notes:

- (1) Includes Local Drainage program.
- (2) Includes Board approved budget augmentation 1/09/2020 Item #9 to increase transfer authority.

**SALES TAX REVENUE REPORT
REGIONAL FLOOD CONTROL DISTRICT
FISCAL YEAR 2019-20
MODIFIED ACCRUAL BASIS**

MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE (as approved April 11, 2019)	ACTUAL SALES TAX REVENUES	DIFFERENCE OVER/(UNDER) ESTIMATE	PERCENT +/- FROM ESTIMATE
JULY	\$ 9,165,429.12	\$ 9,217,019.59	\$ 51,590.47	0.56%
AUGUST	9,147,312.43	9,567,227.26	419,914.83	4.59%
SEPTEMBER	9,351,437.62	9,492,015.38	140,577.76	1.50%
OCTOBER	8,978,773.95	9,653,328.50	674,554.55	7.51%
NOVEMBER	9,720,995.41	9,769,399.95	48,404.54	0.50%
DECEMBER	10,288,967.62	11,526,859.75	1,237,892.13	12.03%
JANUARY	8,654,068.05	9,225,738.25	571,670.20	6.61%
FEBRUARY	8,256,976.72			
MARCH	10,121,264.69			
APRIL	9,108,670.68			
MAY	9,408,410.30			
JUNE	9,697,693.41			
TOTAL:	\$ 111,900,000.00	\$ 68,451,588.68	\$ 3,144,604.48	4.82%

Estimated vs Actual Cumulative Sales Tax Receipts



Schedule of Monthly Expenditures - Summary

Fund 2860 - Operating Fund

3/1/2020 to 3/31/2020

<u>Fiscal Year</u>	<u>Account #</u>	<u>Account Name</u>	<u>Amount</u>
2020	61*/62*	Salaries and Benefits	389,422.79
	630000	Other Professional Services	61,455.55
	635000	Pro Svcs-Legal	5,644.80
	636000	Pro Svcs-Audit	2,400.00
	640310	R & M-Facilities	210.00
	640320	R & M-Equipment	6,554.17
	640340	R & M-Vehicles	938.45
	641000	Other Rental Expense	609.43
	644400	Temporary Personnel Services	2,596.53
	645000	Other Insurance	19,900.00
	646120	Cell Phones/Beepers	347.79
	648100	Printing/Reproduction	1,092.49
	649000	Other Travel	122.10
	649100	Airfare	2,037.64
	649200	Lodging	973.06
	649300	Auto	76.00
	649400	Meals	384.50
	649500	Registration/Training	30.00
	649510	Travel/Training	1,100.00
	663000	Operating Supplies	377.96
	663200	Food	200.10
	663400	Office Supplies	469.26
	663630	Furniture & Fixtures	426.99
	670100	Electricity	226.95
	679220	Software Licenses	270.00
	679600	Postage	38.00
		Fiscal Year Total	<u>\$497,904.56</u>
		Grand Total	<u><u>\$497,904.56</u></u>

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

BEGINNING CASH BALANCE:	\$ 8,939,472.94	
Accruals/Adjustments		
	<hr/>	
TOTAL BEGINNING CASH BALANCE:		\$ 8,939,472.94
REVENUES:		
Interest Income	13,151.21	
Fund 2860 - Transfer In Maintenance Work Program	900,000.00	
Miscellaneous Other Revenue/Adjustments	-	
	<hr/>	
TOTAL MONTHLY REVENUES		\$ 913,151.21
EXPENDITURES:		
Services & Supplies	(328,881.48)	
Maintenance Work Program Expenditures	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	-	
Contract Retention Payable	-	
Contract Retention Interest Payable	-	
Accounts Payable	-	
	<hr/>	
TOTAL MONTHLY EXPENSES		\$ <u>(328,881.48)</u>
ENDING CASH BALANCE:		\$ <u><u>9,523,742.67</u></u>

**Regional Flood Control District
 Monthly Expenditures
 Maintenance Work Program
 3/1/2020 to 3/31/2020**

Fiscal Year - 2020

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
ATKINS NORTH AMERICA INC	RF.HN65	1922947	03/04/2020	4500307668	03/17/2020	\$3,759.80
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7782301	02/05/2020	4500306664	03/17/2020	\$3,335.27
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7790301	02/19/2020	4500306664	03/17/2020	\$6,391.30
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7790401	02/19/2020	4500306664	03/17/2020	\$6,391.30
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7790402	02/21/2020	4500306664	03/17/2020	\$1,797.87
CITY OF HENDERSON	RF.HN65	MSC5032941	02/25/2020	4500306666	03/06/2020	\$4,218.54
CITY OF HENDERSON	RF.HN65	MSC5032941	02/25/2020	4500306666	03/06/2020	\$100.50
CITY OF HENDERSON	RF.HN66	MSC5032941	02/25/2020	4500306666	03/06/2020	\$83.57
CITY OF HENDERSON	RF.HN68	MSC5032941	02/25/2020	4500306666	03/06/2020	\$752.07
CITY OF HENDERSON	RF.HN69	MSC5032941	02/25/2020	4500306666	03/06/2020	\$1,246.95
CITY OF HENDERSON	RF.HN69	MSC5032941	02/25/2020	4500306666	03/06/2020	\$177.02
CITY OF HENDERSON	RF.HN69	MSC5032941	02/25/2020	4500306666	03/06/2020	\$1,213.28
CITY OF HENDERSON	RF.HN69	MSC5032941	02/25/2020	4500306666	03/06/2020	\$20,793.28
CITY OF HENDERSON	RF.HN69	MSC5032941	02/25/2020	4500306666	03/06/2020	\$1,636.01
CITY OF HENDERSON	RF.HN69	MSC5033056	03/05/2020	4500306666	03/17/2020	\$155.00
CITY OF HENDERSON	RF.HN70	MSC5032941	02/25/2020	4500306666	03/06/2020	\$124.92
CITY OF HENDERSON	RF.HN70	MSC5032941	02/25/2020	4500306666	03/06/2020	\$151.13
CITY OF HENDERSON	RF.HN71	MSC5032941	02/25/2020	4500306666	03/06/2020	\$222.26
CITY OF HENDERSON	RF.HN71	MSC5033056	03/05/2020	4500306666	03/17/2020	\$990.00
CITY OF LAS VEGAS	RF.LV51	310677	02/24/2020	4500306975	03/09/2020	\$1,640.90
CITY OF LAS VEGAS	RF.LV52	310677	02/24/2020	4500306975	03/09/2020	\$1,909.87
CITY OF LAS VEGAS	RF.LV54	310677	02/24/2020	4500306975	03/09/2020	\$5,420.85
CITY OF LAS VEGAS	RF.LV56	310677	02/24/2020	4500306975	03/09/2020	\$2,451.95
CITY OF LAS VEGAS	RF.LV57	310677	02/24/2020	4500306975	03/09/2020	\$22,834.90
CITY OF LAS VEGAS	RF.LV57	310677	02/24/2020	4500306975	03/09/2020	\$54.90
CITY OF LAS VEGAS	RF.LV57	310677	02/24/2020	4500306975	03/09/2020	\$2,693.19
CITY OF NORTH LAS VEGAS	RF.NL01	353129	03/09/2020	4500306668	03/24/2020	\$2,528.10
CITY OF NORTH LAS VEGAS	RF.NL01	353129	03/09/2020	4500306668	03/24/2020	\$1,820.29
CITY OF NORTH LAS VEGAS	RF.NL01	353129	03/09/2020	4500306668	03/24/2020	\$2,388.69
CITY OF NORTH LAS VEGAS	RF.NL02	353129	03/09/2020	4500306668	03/24/2020	\$923.58
CITY OF NORTH LAS VEGAS	RF.NL02	353129	03/09/2020	4500306668	03/24/2020	\$4,034.12
CITY OF NORTH LAS VEGAS	RF.NL03	353129	03/09/2020	4500306668	03/24/2020	\$633.48
CITY OF NORTH LAS VEGAS	RF.NL04	353129	03/09/2020	4500306668	03/24/2020	\$7,299.47
CITY OF NORTH LAS VEGAS	RF.NL05	353129	03/09/2020	4500306668	03/24/2020	\$27,372.70

**Regional Flood Control District
 Monthly Expenditures
 Maintenance Work Program
 3/1/2020 to 3/31/2020**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF NORTH LAS VEGAS	RF.NL06	353129	03/09/2020	4500306668	03/24/2020	\$462.36
CITY OF NORTH LAS VEGAS	RF.NL07	353129	03/09/2020	4500306668	03/24/2020	\$21,936.65
CITY OF NORTH LAS VEGAS	RF.NL07	353129	03/09/2020	4500306668	03/24/2020	\$698.92
CITY OF NORTH LAS VEGAS	RF.NL07	353129	03/09/2020	4500306668	03/24/2020	\$27,439.91
CITY OF NORTH LAS VEGAS	RF.NL08	353129	03/09/2020	4500306668	03/24/2020	\$376.64
CITY OF NORTH LAS VEGAS	RF.NL10	353129	03/09/2020	4500306668	03/24/2020	\$26,824.62
CITY OF NORTH LAS VEGAS	RF.NL11	353129	03/09/2020	4500306668	03/24/2020	\$2,829.00
CITY OF NORTH LAS VEGAS	RF.NL12	353129	03/09/2020	4500306668	03/24/2020	\$36,303.53
CITY OF NORTH LAS VEGAS	RF.NL12	353129	03/09/2020	4500306668	03/24/2020	\$3,890.37
CITY OF NORTH LAS VEGAS	RF.NL12	353129	03/09/2020	4500306668	03/24/2020	\$27,441.27
CITY OF NORTH LAS VEGAS	RF.NL13	353129	03/09/2020	4500306668	03/24/2020	\$2,240.28
CITY OF NORTH LAS VEGAS	RF.NL13	353129	03/09/2020	4500306668	03/24/2020	\$274.04
CITY OF NORTH LAS VEGAS	RF.NL14	353129	03/09/2020	4500306668	03/24/2020	\$479.24
CITY OF NORTH LAS VEGAS	RF.NL16	353129	03/09/2020	4500306668	03/24/2020	\$6,159.55
CITY OF NORTH LAS VEGAS	RF.NL18	353129	03/09/2020	4500306668	03/24/2020	\$26,824.62
CITY OF NORTH LAS VEGAS	RF.NL18	353129	03/09/2020	4500306668	03/24/2020	\$3,512.54
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN68	1200200166	02/14/2020	4500306669	03/16/2020	\$3,640.88
Total Expenditures						<u>\$328,881.48</u>
Grand Total						<u><u>\$328,881.48</u></u>

Regional Flood Control District

Maintenance Work Program Status Report - Fiscal Year 2020

Boulder City

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.BC01	Hemenway Watershed	\$238,500.00	\$62,020.93	\$176,479.07
RF.BC02	Georgia/Buchanan Watershed	\$95,350.00	\$5,549.36	\$89,800.64
RF.BC03	North Railroad Watershed	\$31,150.00	\$14,304.19	\$16,845.81
RF.BC04	West Airport Watershed	\$35,000.00	\$1,006.29	\$33,993.71
		<u>\$400,000.00</u>	<u>\$82,880.77</u>	<u>\$317,119.23</u>

Clark County

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.CC01	Flamingo Wash	\$594,600.00	\$308,018.90	\$286,581.10
RF.CC02	Las Vegas Wash	\$300,000.00	\$126,128.94	\$173,871.06
RF.CC03	Duck Creek	\$425,500.00	\$83,391.34	\$342,108.66
RF.CC05	Las Vegas Range Wash	\$430,000.00	\$143,663.71	\$286,336.29
RF.CC06	Tropicana Wash	\$200,000.00	\$22,361.20	\$177,638.80
RF.CC07	Airport Channel	\$35,000.00	\$5,727.94	\$29,272.06
RF.CC08	Monson Channel	\$1,854,700.00	\$15,394.02	\$1,839,305.98
RF.CC09	Rawhide Channel	\$40,000.00	\$3,046.41	\$36,953.59
RF.CC10	Van Buskirk Channel	\$42,000.00	\$21,524.13	\$20,475.87
RF.CC11	Flamingo Wash North Fork	\$20,000.00	\$2,005.37	\$17,994.63
RF.CC14	Laughlin Washes	\$39,500.00	\$3,109.88	\$36,390.12
RF.CC15	Moapa Valley	\$90,000.00	\$573.72	\$89,426.28
RF.CC16	Blue Diamond Wash	\$100,300.00	\$34,963.32	\$65,336.68
RF.CC17	Searchlight	\$7,600.00	\$367.71	\$7,232.29
RF.CC18	Bunkerville	\$10,000.00	\$1,759.88	\$8,240.12
RF.CC19	Pittman Wash	\$41,500.00	\$2,832.45	\$38,667.55
RF.CC20	Indian Springs	\$10,000.00	\$1,178.01	\$8,821.99
RF.CC21	Northern Beltway Channels	\$34,000.00	\$2,046.09	\$31,953.91
		<u>\$4,274,700.00</u>	<u>\$778,093.02</u>	<u>\$3,496,606.98</u>

Henderson

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN65	C1 North	\$1,948,660.67	\$221,115.84	\$1,727,544.83
RF.HN66	C1 South	\$93,267.79	\$20,209.79	\$73,058.00
RF.HN67	Pittman Central NE	\$145,300.00	\$29,238.33	\$116,061.67
RF.HN68	Pittman Central SE	\$632,500.00	\$75,959.96	\$556,540.04
RF.HN69	Pittman Central NW	\$731,633.13	\$355,536.50	\$376,096.63
RF.HN70	Pittman Central SW	\$80,151.13	\$15,230.67	\$64,920.46
RF.HN71	Pittman Anthem Inspirada	\$114,890.00	\$20,656.33	\$94,233.67
RF.HN72	Pittman Seven Hills	\$81,797.28	\$17,540.96	\$64,256.32
RF.HN73	Pittman West Henderson	\$22,500.00	\$5,781.33	\$16,718.67
		<u>\$3,850,700.00</u>	<u>\$761,269.71</u>	<u>\$3,089,430.29</u>

Las Vegas

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV51	Cedar Ave Channel/Nellis System	\$100,000.00	\$30,274.69	\$69,725.31
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$462,000.00	\$25,223.16	\$436,776.84
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	\$100,000.00	\$2,638.33	\$97,361.67

Regional Flood Control District

Maintenance Work Program Status Report - Fiscal Year 2020

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV54	Las Vegas Wash System	\$938,000.00	\$638,650.96	\$299,349.04
RF.LV55	Meadows/Oakey System	\$100,000.00	\$3,408.25	\$96,591.75
RF.LV56	Washington Ave/LV Creek	\$77,000.00	\$10,295.91	\$66,704.09
RF.LV57	US95/Outer Beltway/Ann Road System	\$1,048,000.00	\$1,047,594.12	\$405.88
		\$2,825,000.00	\$1,758,085.42	\$1,066,914.58

Mesquite

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.ME01	Mesquite Town Wash	\$19,000.00	\$1,093.40	\$17,906.60
RF.ME02	Abbott Wash Channel	\$14,300.00	\$655.88	\$13,644.12
RF.ME04	Town Wash Detention Basin	\$617,400.00	\$550,695.88	\$66,704.12
RF.ME07	Pulsipher Wash	\$29,400.00	\$179.60	\$29,220.40
RF.ME08	Abbott Wash Detention Basin	\$60,000.00	\$1,662.65	\$58,337.35
RF.ME09	Pulsipher Wash Detention Basin	\$29,700.00	\$1,356.25	\$28,343.75
		\$769,800.00	\$555,643.66	\$214,156.34

North Las Vegas

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.NL01	LV Wash "N" Channel	\$75,075.00	\$26,014.61	\$49,060.39
RF.NL02	Las Vegas Wash-Middle	\$151,435.35	\$55,351.85	\$96,083.50
RF.NL03	LV Wash-King Charles Channel	\$87,206.65	\$36,003.22	\$51,203.43
RF.NL04	Vandenberg Detention Basin	\$221,524.94	\$29,416.43	\$192,108.51
RF.NL05	North Las Vegas Detention Basin	\$131,999.90	\$28,931.66	\$103,068.24
RF.NL06	Upper LVW DB & Moccasin Levee	\$59,022.11	\$10,005.14	\$49,016.97
RF.NL07	Carey/Lake Mead Detention Basin	\$302,435.40	\$210,938.02	\$91,497.38
RF.NL08	Gowan Outfall Channel	\$59,669.71	\$559.60	\$59,110.11
RF.NL10	Upper Las Vegas Wash	\$49,886.16	\$34,697.10	\$15,189.06
RF.NL11	Clayton Street Channel	\$56,071.00	\$17,570.34	\$38,500.66
RF.NL12	Lower Las Vegas Detention Basin	\$212,806.62	\$94,266.46	\$118,540.16
RF.NL13	West Trib-Ranch House to Lower LV DB	\$64,571.00	\$14,268.85	\$50,302.15
RF.NL14	Trib to Western Trib @ Craig Rd	\$51,696.38	\$3,566.74	\$48,129.64
RF.NL15	Las Vegas Wash-Smoke Ranch	\$53,071.00	\$11,759.76	\$41,311.24
RF.NL16	Upper Las Vegas Wash Channel	\$99,571.00	\$34,687.31	\$64,883.69
RF.NL17	Range Wash-LVW Diversion & Levee	\$52,320.59	\$620.85	\$51,699.74
RF.NL18	Cheyenne Peaking Basin	\$106,137.19	\$68,366.16	\$37,771.03
		\$1,834,500.00	\$677,024.10	\$1,157,475.90

Program Total	\$13,954,700.00	\$4,612,996.68	\$9,341,703.32
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**REGIONAL FLOOD CONTROL DISTRICT
 FUND 3300 - BOND DEBT SERVICE FUND
 FUND BALANCE REPORT
 MARCH 2020**

BEGINNING CASH BALANCE	\$ 15,581,968.12	
Accruals/Adjustments	<u> -</u>	
TOTAL BEGINNING CASH BALANCE		\$ 15,581,968.12
REVENUES:		
Interest Income	28,673.68	
Fund 2860 - Transfer In Debt Service	3,695,862.51	
Bonds Issued	-	
Premium on Bonds Issued	-	
Miscellaneous Other Revenue	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	<u> -</u>	
TOTAL MONTHLY REVENUES		\$ 3,724,536.19
EXPENDITURES:		
Professional Services	-	
Debt Service Payments*	-	
Payments to Escrow Agent	-	
Transfers Out to Other Funds	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	<u> -</u>	
TOTAL MONTHLY EXPENSES		<u>\$ -</u>
ENDING CASH BALANCE:		<u><u>\$ 19,306,504.31</u></u>

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

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

BEGINNING CASH BALANCE:

Cash in Custody of Treasurer	\$ 123,134,689.29	
Custodial Account Cash Balance	124,876,537.02	
Accruals/Adjustments	-	
TOTAL BEGINNING CASH BALANCE		\$ 248,011,226.31

REVENUES:

Fund 2860 - Transfer In Budgeted Transfer	3,810,000.00	
Fund 3300 - Transfer In Bond Proceeds	-	
Fund 4440 - Transfer In Budgeted Transfer	-	
Custodial Account - Transfer In to Treasurer	-	
Interest Earnings	182,045.11	
Custodial Account Interest Earnings	-	
Proceeds from Bonds and Loans	-	
Miscellaneous Other Revenue	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	-	
TOTAL MONTHLY REVENUES		\$ 3,992,045.11

EXPENDITURES:

Capital Improvement Program	(2,763,266.28)	
Professional Services	-	
Project Reimbursements	-	
Fund 2860 - Transfer Out Interest Earnings	(61,538.46)	
Fund 2860 - Transfer Out ILA Closeout/Reductions	-	
Custodial Account - Transfer Out to Treasurer	-	
Accruals/Adjustments	-	
Contracts Retention Payable	-	
Contracts Retention Interest Payable	-	
Accounts Payable	-	
Miscellaneous Accruals/Adjustments	1,518.31	
TOTAL MONTHLY EXPENDITURES		\$ (2,823,286.43)

ENDING CASH BALANCE:

Cash in Custody of Treasurer	124,303,447.97
Custodial Account Cash Balance	124,876,537.02

ENDING CASH BALANCE: \$ 249,179,984.99

**Regional Flood Control District
 Monthly Expenditures
 Capital Improvement Program
 3/1/2020 to 3/31/2020**

Fund 4430

Fiscal Year 2020

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF HENDERSON	RF.HEN12K19	MSC5033074	03/23/2020	4800009617 00010	03/27/2020	\$514.68
CITY OF HENDERSON	RF.HEN16A01	MSC5033075	03/17/2020	4800001182 00010	03/31/2020	\$348.31
CITY OF LAS VEGAS	RF.LAS16P15	310577	02/24/2020	4800007389 00010	03/07/2020	\$3,251.17
CITY OF LAS VEGAS	RF.LAS16P15	312640	03/23/2020	4800007389 00010	03/27/2020	\$2,507.60
CITY OF LAS VEGAS	RF.LAS16Q18	310597	02/24/2020	4800008811 00010	03/09/2020	\$4,630.48
CITY OF LAS VEGAS	RF.LAS16Q18	312697	03/23/2020	4800008811 00010	03/27/2020	\$2,287.26
CITY OF LAS VEGAS	RF.LAS16Q18	312697	03/23/2020	4800008811 00020	03/27/2020	\$450,964.80
CITY OF LAS VEGAS	RF.LAS22U19	312757	03/23/2020	4800009466 00010	03/27/2020	\$123.05
CITY OF LAS VEGAS	RF.LAS23I17	312658	03/23/2020	4800008135 00020	03/27/2020	\$36,959.93
CITY OF LAS VEGAS	RF.LAS24L17	310617	02/24/2020	4800008446 00010	03/07/2020	\$946.14
CITY OF LAS VEGAS	RF.LAS24L17	312677	03/23/2020	4800008446 00010	03/27/2020	\$46,150.87
CITY OF LAS VEGAS	RF.LAS29B15	310637	02/24/2020	4800007391 00010	03/07/2020	\$2,084.62
CITY OF LAS VEGAS	RF.LAS29B15	312639	03/23/2020	4800007391 00010	03/27/2020	\$2,606.97
CITY OF LAS VEGAS	RF.LAS29E18	310697	02/24/2020	4800009097 00010	03/09/2020	\$14,711.73
CITY OF LAS VEGAS	RF.LAS29E18	310697	02/24/2020	4800009097 00020	03/09/2020	\$380,602.00
CITY OF LAS VEGAS	RF.LAS29E18	312737	03/23/2020	4800009097 00010	03/27/2020	\$14,356.86
CITY OF LAS VEGAS	RF.LAS29E18	312737	03/23/2020	4800009097 00020	03/27/2020	\$856,115.82
CITY OF LAS VEGAS	RF.LAS31A17	310717	02/24/2020	4800008684 00010	03/09/2020	\$3,844.79
CITY OF LAS VEGAS	RF.LLD10B13	310657	02/24/2020	4800005746 00010	03/07/2020	\$104,806.79
CITY OF NORTH LAS VEGAS	RF.NLV03F17	10078	03/18/2020	4800008161 00010	03/24/2020	\$889.62
CITY OF NORTH LAS VEGAS	RF.NLV03G17	10077	03/05/2020	4800008160 00010	03/24/2020	\$6,123.79
CITY OF NORTH LAS VEGAS	RF.NLV03H17	10075	03/18/2020	4800008676 00020	03/24/2020	\$2,954.83
CITY OF NORTH LAS VEGAS	RF.NLV04K17	10079	03/18/2020	4800008195 00010	03/24/2020	\$1,506.10
CITY OF NORTH LAS VEGAS	RF.NLV09I13	10012	02/11/2020	4800006141 00010	03/24/2020	\$28,441.00
CITY OF NORTH LAS VEGAS	RF.NLV09I13	10012	02/11/2020	4800006141 00040	03/24/2020	\$2,908.46
CITY OF NORTH LAS VEGAS	RF.NLV09I13	10073	03/18/2020	4800006141 00040	03/24/2020	\$2,362.94
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9869	11/12/2019	4800006141 00010	03/24/2020	\$14,671.50
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9869	11/12/2019	4800006141 00030	03/24/2020	\$249.47
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9869	11/12/2019	4800006141 00040	03/24/2020	\$1,296.47
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9893	12/16/2019	4800006141 00010	03/24/2020	\$16,850.50
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9893	12/16/2019	4800006141 00030	03/24/2020	\$83.16
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9893	12/16/2019	4800006141 00040	03/24/2020	\$3,559.81
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9963	01/22/2020	4800006141 00010	03/24/2020	\$6,988.00
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9963	01/22/2020	4800006141 00040	03/24/2020	\$854.77

**Regional Flood Control District
Monthly Expenditures
Capital Improvement Program
3/1/2020 to 3/31/2020**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF NORTH LAS VEGAS	RF.NLV17D18	10076	03/05/2020	4800009056 00010	03/24/2020	\$46,871.32
CITY OF NORTH LAS VEGAS	RF.NLV17D18	10076	03/05/2020	4800009056 00020	03/24/2020	\$1,280.69
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10074	03/18/2020	4800009412 00010	03/24/2020	\$436,620.43
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10074	03/18/2020	4800009412 00020	03/24/2020	\$174,491.70
CITY OF NORTH LAS VEGAS	RF.NLV03K19	10072	03/18/2020	4800009490 00020	03/24/2020	\$221.51
CITY OF NORTH LAS VEGAS	RF.NLV09K19	10071	03/05/2020	4800009476 00010	03/24/2020	\$498.91
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1520099652	03/09/2020	none	03/09/2020	\$598.40
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1520099652	03/09/2020	none	03/09/2020	\$4,440.40
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1520099656	03/09/2020	none	03/09/2020	\$38,822.02
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1520107596	03/27/2020	none	03/27/2020	\$2,019.24
PUBLIC WORKS/CC TREAS	RF.MOA03A11	1520099657	03/09/2020	none	03/09/2020	\$38.50
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1520097520	03/03/2020	none	03/03/2020	\$17,263.87
PUBLIC WORKS/CC TREAS	RF.LAU04B17	1520097521	03/03/2020	none	03/03/2020	\$745.00
PUBLIC WORKS/CC TREAS	RF.LAU04B17	1520101554	03/13/2020	none	03/13/2020	\$20,630.00
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053132	03/30/2020	none	03/30/2020	\$1,236.39
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053132	03/30/2020	none	03/30/2020	\$347.43
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053132	03/30/2020	none	03/30/2020	\$1,273.91
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053132	03/30/2020	none	03/30/2020	\$579.05
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053132	03/30/2020	none	03/30/2020	\$694.86
REGIONAL FLOOD CONTROL	RF.LAS24M17	1020053132	03/30/2020	none	03/30/2020	(\$1,236.39)
REGIONAL FLOOD CONTROL	RF.LAS24M17	1020053132	03/30/2020	none	03/30/2020	(\$694.86)
REGIONAL FLOOD CONTROL	RF.LAS24M17	1020053132	03/30/2020	none	03/30/2020	(\$579.05)
REGIONAL FLOOD CONTROL	RF.LAS24M17	1020053132	03/30/2020	none	03/30/2020	(\$1,273.91)
REGIONAL FLOOD CONTROL	RF.LAS24M17	1020053132	03/30/2020	none	03/30/2020	(\$347.43)
VTN NEVADA	RF.HEN16A01	#7520#73	02/15/2020	4800006059 00020	03/31/2020	\$1,170.00
Fiscal Year Total						\$2,763,266.28
Fund Total						\$2,763,266.28

Current Project Expense Summary

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	\$695,626.07	\$34,373.93
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	\$703,352.74	\$41,647.26

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

Current Project Expense Summary

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	\$6,945.73	\$493,054.27
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	\$6,945.73	\$528,054.27

CLA08R13

Duck Creek, Las Vegas Boulevard

Interlocal Amount \$485,000.00

Original Funding Date 09/12/2013

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$22,000.00	\$36,818.53	(\$14,818.53)
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$463,000.00	\$378,113.81	\$84,886.19
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	\$485,000.00	\$414,932.34	\$70,067.66

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

CLA08S13

Silverado Ranch Detention Basin and Outfall Facilities
Interlocal Amount \$1,370,000.00

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	\$35,477.29	(\$4,477.29)
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,248,000.00	\$1,095,816.87	\$152,183.13
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$81,000.00	\$33,999.86	\$47,000.14
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$10,000.00	\$0.00	\$10,000.00
Total	\$1,370,000.00	\$1,165,294.02	\$204,705.98

CLA10F10

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

Original Funding Date 04/08/2010
Expiration Date 06/30/2020

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 \$1,200,000.00

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	\$1,151,000.00	\$549,521.69	\$601,478.31
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	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,200,000.00	\$568,391.69	\$631,608.31

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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	\$0.00	\$50,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$253,800.00	\$2,367.00	\$251,433.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$50,000.00	\$0.00	\$50,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$368,800.00	\$2,367.00	\$366,433.00

CLA15D12

LVW Sloan-Bonanza, Flam W below Nellis
Interlocal Amount \$6,322,000.00

Original Funding Date 06/14/2012
Expiration Date 06/30/2020

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	\$5,056,605.14	\$389,394.86
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$220,000.00	\$98,774.74	\$121,225.26
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$634,000.00	\$550,857.73	\$83,142.27
Total	\$6,322,000.00	\$5,721,274.90	\$600,725.10

CLA16O19

Blue Diamond Wash, Arville Street to I-15
Interlocal Amount \$635,000.00

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	\$0.00	\$50,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$550,000.00	\$0.00	\$550,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
Total	\$635,000.00	\$0.00	\$635,000.00

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

CLA21A00

Orchard Detention Basin

Interlocal Amount \$1,799,700.00

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	\$382,123.56	\$65,876.44
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,073,000.00	\$951,037.20	\$121,962.80
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$251,900.00	\$177,502.62	\$74,397.38
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$26,800.00	\$20,081.83	\$6,718.17
Total	\$1,799,700.00	\$1,530,745.21	\$268,954.79

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	\$2,451,520.00	\$939,480.00
Const Engineering	\$374,000.00	\$232,131.08	\$141,868.92
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	\$2,683,651.08	\$1,081,348.92

CLA36A18

Jim McGaughey DB, Collection Basin and Outfall

Interlocal Amount \$3,382,870.00

Original Funding Date 06/14/2018

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000,000.00	\$0.00	\$2,000,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,382,870.00	\$379,732.39	\$1,003,137.61
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	\$3,382,870.00	\$379,732.39	\$3,003,137.61

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

CLA38C20

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

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

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

CLA38D20

Duck Creek Haven Street Storm Drain
Interlocal Amount \$5,116,417.00

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	\$4,694,417.00	\$0.00	\$4,694,417.00
Const Engineering	\$380,000.00	\$0.00	\$380,000.00
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	\$5,116,417.00	\$0.00	\$5,116,417.00

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	\$0.00	\$18,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$400,000.00	\$97.83	\$399,902.17
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	\$97.83	\$452,902.17

Current Project Expense Summary

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 06/30/2020

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	\$370,263.18	\$21,236.82
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$125,500.00	\$116,876.27	\$8,623.73
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$528,500.00	\$491,065.74	\$37,434.26

Current Project Expense Summary

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

MOA01F10

Muddy River Logandale Levee

Interlocal Amount \$1,753,000.00

Original Funding Date 03/11/2010

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$565,975.14	\$565,975.14	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$964,690.35	\$961,185.69	\$3,504.66
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$76,904.51	\$76,904.51	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$145,430.00	\$145,430.00	\$0.00
Total	\$1,753,000.00	\$1,749,495.34	\$3,504.66

MOA03A11

Fairgrounds Detention Basin

Interlocal Amount \$1,011,500.00

Original Funding Date 02/10/2011

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$95,000.00	\$62,068.55	\$32,931.45
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$727,000.00	\$656,633.70	\$70,366.30
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$172,500.00	\$148,463.56	\$24,036.44
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$17,000.00	\$8,226.97	\$8,773.03
Total	\$1,011,500.00	\$875,392.78	\$136,107.22

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

SEA02B19

Searchlight West - State Highway 164

Interlocal Amount \$500,000.00

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	\$493,000.00	\$0.00	\$493,000.00
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	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$500,000.00	\$0.00	\$500,000.00

SEA03B17

Searchlight-South, Encinitas St. Storm Drain

Interlocal Amount \$2,530,000.00

Original Funding Date 08/10/2017

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	\$2,330,000.00	\$1,883,039.51	\$446,960.49
Const Engineering	\$200,000.00	\$169,168.70	\$30,831.30
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$2,530,000.00	\$2,052,208.21	\$477,791.79

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

ENTITY: COE/Clark County

COEG294

Tropicana & Flamingo Washes

Interlocal Amount \$36,259,348.00

Original Funding Date 01/12/1995

Expiration Date 06/30/2021

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

ENTITY: Henderson

HEN07F18

Whitney Ranch Channel Replacement Project

Interlocal Amount \$934,549.00

Original Funding Date 08/09/2018

Expiration Date 06/30/2021

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	\$217,396.67	\$457,353.33
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,164.00	\$77,542.00	\$48,622.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$79,471.00	\$0.00	\$79,471.00
Total	\$934,549.00	\$339,930.27	\$594,618.73

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

HEN12K19

Pittman - Sunset, Galleria to Foster
Interlocal Amount \$605,788.00

Original Funding Date 12/12/2019
Expiration Date 12/31/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$40,000.00	\$0.00	\$40,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$465,788.00	\$0.00	\$465,788.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$50,000.00	\$0.00	\$50,000.00
Entity Costs	\$50,000.00	\$6,002.61	\$43,997.39
Other	\$0.00	\$0.00	\$0.00
Total	\$605,788.00	\$6,002.61	\$599,785.39

HEN16A01

Pittman North Detention Basin & Outfall
Interlocal Amount \$2,264,514.00

Original Funding Date 07/12/2001
Expiration Date 12/31/2020

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	\$1,671,369.22	\$1,596,062.28	\$75,306.94
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	\$82,517.00	\$52,236.92	\$30,280.08
Total	\$2,264,514.00	\$2,158,926.98	\$105,587.02

HEN16F17

Pittman North Detention Basin & Outfall, Phase III
Interlocal Amount \$25,700,000.00

Original Funding Date 07/13/2017
Expiration Date 06/30/2020

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	\$23,262,525.72	\$1,237,474.28
Const Engineering	\$1,200,000.00	\$844,118.73	\$355,881.27
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	\$24,106,644.45	\$1,593,355.55

Current Project Expense Summary

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	\$0.00	\$1,346,787.00
Const Engineering	\$107,743.00	\$1,890.27	\$105,852.73
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	\$1,890.27	\$1,452,639.73

HLD06B19

Chickasaw Storm Drain

Interlocal Amount \$1,999,964.00

Original Funding Date 07/11/2019

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	\$1,999,964.00	\$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

LAS14C11

Freeway Channel-Washington, MLK to Rancho Drive

Interlocal Amount \$1,073,510.00

Original Funding Date 07/14/2011

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$1,792.87	\$3,207.13
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,063,510.00	\$1,023,752.42	\$39,757.58
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	\$1,073,510.00	\$1,025,545.29	\$47,964.71

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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	\$621,113.76	\$28,886.24
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	\$621,113.76	\$32,886.24

LAS16Q18

Rancho Road System-Elkhorn, Grand Canyon to Hualapai

Interlocal Amount \$5,185,760.00

Original Funding Date 03/08/2018

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	\$4,676,189.00	\$4,203,147.80	\$473,041.20
Const Engineering	\$509,571.00	\$466,867.68	\$42,703.32
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$5,185,760.00	\$4,670,015.48	\$515,744.52

LAS22S13

Brent Drainage System-Floyd Lamb Park to Durango Drive

Interlocal Amount \$533,365.00

Original Funding Date 07/11/2013

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$1,000.00	\$0.00	\$1,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$530,365.00	\$450,299.59	\$80,065.41
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	\$533,365.00	\$450,299.59	\$83,065.41

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

LAS22T15

Brent Drainage System - Floyd Lamb Park to Durango Drive

Interlocal Amount \$4,900,700.00

Original Funding Date 08/13/2015

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	\$4,600,000.00	\$4,592,644.15	\$7,355.85
Const Engineering	\$300,700.00	\$220,205.04	\$80,494.96
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$4,900,700.00	\$4,812,849.19	\$87,850.81

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	\$532.75	\$1,095,467.25
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	\$532.75	\$1,099,467.25

LAS23E13

Centennial Pkwy Channel West-CC 215, Pioneer Way to US95

Interlocal Amount \$1,070,687.00

Original Funding Date 07/11/2013

Expiration Date 06/30/2020

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	\$1,063,687.00	\$818,045.21	\$245,641.79
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	\$1,070,687.00	\$818,649.59	\$252,037.41

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

LAS23F14

Centennial Parkway Channel West-CC215, Pioneer Way to US95

Interlocal Amount \$13,900,000.00

Original Funding Date 11/13/2014

Expiration Date 06/30/2020

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	\$12,800,000.00	\$12,552,817.62	\$247,182.38
Const Engineering	\$1,100,000.00	\$57,065.13	\$1,042,934.87
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$13,900,000.00	\$12,609,882.75	\$1,290,117.25

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

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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	\$22,111,755.18	\$1,713,465.82
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	\$23,986,481.01	\$2,438,739.99

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

LAS24J15

Gowan North - El Capitan Branch, Lone Mountain to
Ann Road

Interlocal Amount \$820,478.00

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	\$781,478.00	\$772,705.21	\$8,772.79
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	\$35,000.00	\$9,330.58	\$25,669.42
Other	\$0.00	\$0.00	\$0.00
Total	\$820,478.00	\$782,035.79	\$38,442.21

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

LAS24L17

Gowan North-El Capitan Branch, Ann Rd to
Centennial Pkwy
Interlocal Amount \$861,670.00

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	\$757,670.00	\$279,610.54	\$478,059.46
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	\$0.00	\$100,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$861,670.00	\$279,610.54	\$582,059.46

LAS24M17

Gowan North-El Capitan Branch, Lone Mtn to Ann Rd.
Interlocal Amount \$9,630,600.00

Original Funding Date 10/12/2017

Expiration Date 09/30/2020

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	\$8,700,500.00	\$7,909,710.45	\$790,789.55
Const Engineering	\$930,100.00	\$929,610.20	\$489.80
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$9,630,600.00	\$8,839,320.65	\$791,279.35

LAS25B13

Cedar Avenue Channel Improvements
Interlocal Amount \$831,489.00

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	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$827,489.00	\$689,566.15	\$137,922.85
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$831,489.00	\$689,566.15	\$141,922.85

Current Project Expense Summary

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	\$1,495,795.82	\$177,207.18
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	\$1,495,795.82	\$230,207.18

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	\$1,994,641.35	\$824,187.65
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	\$0.00	\$60,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$2,888,829.00	\$1,994,641.35	\$894,187.65

Current Project Expense Summary

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	\$2,192,741.82	\$26,636,791.18
Const Engineering	\$1,834,606.00	\$119,605.24	\$1,715,000.76
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	\$2,312,347.06	\$28,351,791.94

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	\$260,779.40	\$446,158.60
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	\$260,779.40	\$451,158.60

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

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	\$57,271.03	\$2,728.97
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	\$0.00	\$60,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$120,000.00	\$57,271.03	\$62,728.97

LAS31B18

LVW - Moccasin, Skye Canyon Park to Upper LVW

Interlocal Amount \$15,393,582.00

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	\$14,386,525.00	\$0.00	\$14,386,525.00
Const Engineering	\$1,007,057.00	\$0.00	\$1,007,057.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$15,393,582.00	\$0.00	\$15,393,582.00

LLD10B13

Buckskin Avenue Storm Drain

Interlocal Amount \$1,200,000.00

Original Funding Date 07/11/2013

Expiration Date 06/30/2020

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	\$1,200,000.00	\$1,044,493.77	\$155,506.23
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	\$1,044,493.77	\$155,506.23

Current Project Expense Summary

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	\$340,388.00	\$82,600.00
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	\$409,256.75	\$130,326.00

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

MES04A15

Virgin River Flood Wall

Interlocal Amount \$1,433,903.00

Original Funding Date 11/12/2015

Expiration Date 07/30/2020

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	\$185,070.64	\$700,989.36
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	\$392,348.64	\$1,041,554.36

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	\$1,863,595.75	\$176,404.25
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	\$1,922,028.54	\$784,943.46

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

NLV03F17

Range Wash - Ann Branch

Interlocal Amount \$1,081,889.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$250,000.00	\$18,117.60	\$231,882.40
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$821,889.00	\$571,557.36	\$250,331.64
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	\$589,674.96	\$492,214.04

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	\$890,780.50	\$178,944.50
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	\$921,205.79	\$665,644.21

NLV03H17

Hollywood System, Dunes S DB to Centennial Pkwy-
Phase I

Interlocal Amount \$13,109,000.00

Original Funding Date 11/09/2017

Expiration Date 06/30/2020

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	\$12,290,000.00	\$10,930,589.24	\$1,359,410.76
Const Engineering	\$819,000.00	\$258,255.39	\$560,744.61
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$13,109,000.00	\$11,188,844.63	\$1,920,155.37

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

NLV03I18

Range Wash - Ann Branch, Phase I

Interlocal Amount \$2,668,000.00

Original Funding Date 02/08/2018

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	\$2,470,000.00	\$2,466,647.80	\$3,352.20
Const Engineering	\$198,000.00	\$196,239.15	\$1,760.85
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$2,668,000.00	\$2,662,886.95	\$5,113.05

NLV04K17

Gowan Outfall, Alexander Rd - Decatur to Simmons Street

Interlocal Amount \$1,931,156.00

Original Funding Date 02/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,921,156.00	\$1,050,584.15	\$870,571.85
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	\$1,050,584.15	\$880,571.85

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	\$51,961.48	\$12,712.29
Pre-Design	\$123,326.23	\$123,326.23	\$0.00
Design	\$1,220,000.00	\$1,085,278.80	\$134,721.20
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	\$1,382,336.51	\$152,433.49

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

NLV09I13

Beltway Detention Basin and Channel
Interlocal Amount \$1,464,000.00

Original Funding Date 10/10/2013
Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$400,000.00	\$364,829.78	\$35,170.22
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$989,000.00	\$988,831.45	\$168.55
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	\$10,982.45	\$54,017.55
Other	\$0.00	\$0.00	\$0.00
Total	\$1,464,000.00	\$1,365,829.37	\$98,170.63

NLV10L19

Las Vegas Wash Cartier Channel
Interlocal Amount \$698,289.00

Original Funding Date 10/10/2019
Expiration Date 06/30/2025

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$20,000.00	\$0.00	\$20,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$676,289.00	\$0.00	\$676,289.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$698,289.00	\$0.00	\$698,289.00

NLV17C16

Fifth Street Collector, Centennial Pkwy to Deer Springs
Way
Interlocal Amount \$726,079.00

Original Funding Date 11/10/2016
Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$259,088.00	\$11,422.40	\$247,665.60
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$456,991.00	\$396,036.31	\$60,954.69
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$726,079.00	\$407,458.71	\$318,620.29

Current Project Expense Summary

PAY-AS-YOU-GO FUNDED PROJECTS

NLV17D18

Fifth St Collector, Centennial Pkwy to Deer Spgs Way
Interlocal Amount \$5,416,000.00

Original Funding Date 09/13/2018
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	\$4,950,000.00	\$4,555,686.30	\$394,313.70
Const Engineering	\$466,000.00	\$158,964.66	\$307,035.34
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$5,416,000.00	\$4,714,650.96	\$701,349.04

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	\$100,000.00	\$0.00	\$100,000.00
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	\$0.00	\$0.00	\$0.00
Total	\$100,000.00	\$0.00	\$100,000.00

Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,277,894.63	\$39,867,830.10	\$4,410,064.53
Pre-Design	\$431,604.23	\$330,604.23	\$101,000.00
Design	\$50,757,110.57	\$35,443,540.07	\$15,313,570.50
Construction	\$160,392,101.00	\$102,254,991.80	\$58,137,109.20
Const Engineering	\$12,121,777.00	\$5,818,301.07	\$6,303,475.93
Environmental	\$2,805,290.36	\$1,976,496.64	\$828,793.72
Entity Costs	\$987,000.00	\$26,315.64	\$960,684.36
Other	\$10,766,904.96	\$10,266,252.90	\$500,652.06
Total	\$282,539,682.75	\$195,984,332.45	\$86,555,350.30
Construction Projects = 19 Design / Other Projects = 53			

Current Project Expense Summary

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 12/30/2020

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	\$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	\$1,164,952.43	\$1,635,047.57
Total	\$84,184,000.00	\$79,940,284.50	\$4,243,715.50

Current Project Expense Summary

BOND FUNDED PROJECTS

CLA38B20

Silverado Ranch DB, Collection & Outfall

Interlocal Amount \$26,000,000.00

Original Funding Date 03/12/2020

Expiration Date 06/30/2023

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

ENTITY: Clark County Outlying

LAU04B17

SR 163 at Casino Drive

Interlocal Amount \$2,250,000.00

Original Funding Date 07/13/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,065,000.00	\$1,690,755.94	\$374,244.06
Const Engineering	\$185,000.00	\$34,020.98	\$150,979.02
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	\$1,724,776.92	\$525,223.08

Current Project Expense Summary

BOND FUNDED PROJECTS

ENTITY: Las Vegas

LAS14D14

Freeway Channel-Washington, MLK to Rancho Drive

Interlocal Amount \$11,555,343.00

Original Funding Date 02/13/2014

Expiration Date 06/30/2020

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	\$10,500,343.00	\$9,401,693.30	\$1,098,649.70
Const Engineering	\$1,055,000.00	\$921,250.71	\$133,749.29
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$11,555,343.00	\$10,322,944.01	\$1,232,398.99

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	\$436,620.43	\$18,063,379.57
Const Engineering	\$1,321,851.00	\$185,958.58	\$1,135,892.42
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$100,000.00	\$0.00	\$100,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$19,921,851.00	\$622,579.01	\$19,299,271.99

Current Project Expense Summary

BOND FUNDED PROJECTS

NLV03K19

Range Wash - Ann Branch, Phase II

Interlocal Amount \$7,697,245.00

Original Funding Date 09/12/2019

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$7,118,510.00	\$0.00	\$7,118,510.00
Const Engineering	\$578,735.00	\$221.51	\$578,513.49
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	\$221.51	\$7,697,023.49

NLV09J19

Beltway Detention Basin, Collection and Outfall

Interlocal Amount \$16,192,926.00

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	\$15,132,926.00	\$0.00	\$15,132,926.00
Const Engineering	\$1,060,000.00	\$0.00	\$1,060,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$16,192,926.00	\$0.00	\$16,192,926.00

Current Project Expense Summary

BOND FUNDED PROJECTS

NLV09K19

Vandenbergh North DB, Collection & Outfall, Phase II
 Interlocal Amount \$30,499,000.00

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	\$28,504,000.00	\$0.00	\$28,504,000.00
Const Engineering	\$1,995,000.00	\$498.91	\$1,994,501.09
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$30,499,000.00	\$498.91	\$30,498,501.09

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	\$183,177,560.00	\$83,464,196.54	\$99,713,363.46
Const Engineering	\$16,391,841.00	\$7,982,155.89	\$8,409,685.11
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$600,000.00	\$0.00	\$600,000.00
Other	\$2,800,000.00	\$1,164,952.43	\$1,635,047.57
Total	\$202,969,401.00	\$92,611,304.86	\$110,358,096.14
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	\$44,277,894.63	\$39,867,830.10	\$4,410,064.53
Pre-Design	\$431,604.23	\$330,604.23	\$101,000.00
Design	\$50,757,110.57	\$35,443,540.07	\$15,313,570.50
Construction	\$343,569,661.00	\$185,719,188.34	\$157,850,472.66
Const Engineering	\$28,513,618.00	\$13,800,456.96	\$14,713,161.04
Environmental	\$2,805,290.36	\$1,976,496.64	\$828,793.72
Entity Costs	\$1,587,000.00	\$26,315.64	\$1,560,684.36
Other	\$13,566,904.96	\$11,431,205.33	\$2,135,699.63
Total	\$485,509,083.75	\$288,595,637.31	\$196,913,446.44
Construction Projects = 28 Design / Other Projects = 53			

Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,277,894.63	\$39,867,830.10	\$4,410,064.53
Pre-Design	\$431,604.23	\$330,604.23	\$101,000.00
Design	\$50,757,110.57	\$35,443,540.07	\$15,313,570.50
Construction	\$160,392,101.00	\$102,254,991.80	\$58,137,109.20
Const Engineering	\$12,121,777.00	\$5,818,301.07	\$6,303,475.93
Environmental	\$2,805,290.36	\$1,976,496.64	\$828,793.72
Entity Costs	\$987,000.00	\$26,315.64	\$960,684.36
Other	\$10,766,904.96	\$10,266,252.90	\$500,652.06
Total	\$282,539,682.75	\$195,984,332.45	\$86,555,350.30
Construction Projects = 19 Design / Other Projects = 53			

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	\$183,177,560.00	\$83,464,196.54	\$99,713,363.46
Const Engineering	\$16,391,841.00	\$7,982,155.89	\$8,409,685.11
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$600,000.00	\$0.00	\$600,000.00
Other	\$2,800,000.00	\$1,164,952.43	\$1,635,047.57
Total	\$202,969,401.00	\$92,611,304.86	\$110,358,096.14
Construction Projects = 9 Design / Other Projects = 0			

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

Boulder City

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$4,649,000.00
BOU01B88	Hemenway Wash Debris Basin	Closed	\$0.00
BOU01C10	Hemenway System, Phase II Improvements	Open	\$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 Facility)	Closed	\$448,873.75
BOU05B00	North Railroad Watershed, Veteran Memorial Dr Culvert	Closed	\$129,206.79
BOU05G07	Yucca Street Drainage	Closed	\$71,036.09
BOU05H07	Bootleg Canyon Detention Basin Outfall	Closed	\$521,408.23
BOU05J10	North Railroad Conveyance	Closed	\$509,462.22
BOU05K11	Bootleg Canyon Detention Basin, Phase II	Closed	\$829,854.43
BOU05L11	North Railroad Conveyance	Closed	\$3,503,502.20
BOU05M18	North Railroad Conveyance, Phase II	Closed	\$2,370,058.67
BOU06A99	Ville Drive Flood Control Facilities	Closed	\$144,261.08
BOU06B01	Ville Drive Flood Control Facilities	Closed	\$747,314.67
			\$25,713,599.97

Clark County

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

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA04E99	Flamingo Wash, McLeod Dr to Maryland PKWY	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	Open	\$485,000.00
CLA08S13	Silverado Ranch Detention Basin and Outfall Facilities	Open	\$1,370,000.00
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, Industrial Road to Hotel Rio Drive	Open	\$46,000.00
CLA10G12	Tropicana Wash at Swenson Street	Closed	\$7,079,781.70
CLA10H13	Airport Channel - Naples	Open	\$1,200,000.00
CLA10I19	Wagon Trail Chnl, Sunset Rd to Teco Avenue	Open	\$368,800.00
CLA12A97	Desert Inn Detention Basin & Collection System	Closed	\$346,843.68
CLA12B98	Desert Inn Detention Basin & Collection System/DI Lateral	Closed	\$43,197.00

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	\$689.01
CLA13A97	Lakes Detention Basin, Collection System, & Outfall	Closed	\$531,803.87
CLA13B98	Lakes Detention Basin Collection System & Outfall	Closed	\$788,631.74
CLA13C98	Lakes DB Collection System	Closed	\$783,619.03
CLA14A97	Duck Creek (Hollywood to Stephanie Street)	Closed	\$138,962.97
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephanie St)--ROWA	Closed	\$375,552.00
CLA14C99	Duck Creek, Sunset Road to Eastern Ave	Closed	\$560,650.99
CLA14D99	Duck Creek, Hollywood Blvd to Stephanie Street	Closed	\$1,651,449.79
CLA14E99	Duck Creek, Stephanie St to Green Valley PKWY	Closed	\$321,054.87
CLA14F00	Duck Creek, Emerald Avenue to Stephanie St	Closed	\$5,987,176.80
CLA14G00	Duck Creek at Robindale Road	Closed	\$1,066,974.02
CLA14H00	Duck Creek, Tomiyasu Lane to Topaz St	Closed	\$3,548,160.77
CLA14I02	Duck Creek, US 95 Branch	Closed	\$1,107,637.45
CLA14L02	Duck Creek, Phase II and Lower Pittman	Closed	\$13,651,024.74
CLA14R04	Duck Creek, Mountain Vista Street to Green Valley PKWY	Closed	\$707,824.31
CLA14S07	Duck Creek, Eldorado Lane to Spencer Street	Closed	\$6,139,169.42
CLA14U09	Duck Creek, Robindale to I-215	Closed	\$23,516.83
CLA14V10	Duck Creek, Mtn. Vista to Green Valley Parkway	Closed	\$8,976,052.51
CLA15B99	Colorado Avenue Storm Drain System	Closed	(\$41,517.92)
CLA15C09	Las Vegas Wash, Sloan Lane to Stewart Ave	Closed	\$193,555.23
CLA15D12	LVW Sloan-Bonanza, Flam W below Nellis	Open	\$6,322,000.00
CLA16A98	Upr Duck Ck, Ctrl Duck Ck, Lwr Blue Diamond & Bird Sp/ROW	Closed	\$2,226,784.41
CLA16B00	Upr Duck, Ctrl Duck, Lower Blue Dia, & Bird Springs DB	Closed	\$1,363,624.69
CLA16F04	Lower Blue Diamond Detention Basin Collector Channel	Closed	\$8,060,995.11
CLA16G05	Blue Diamond Wash Wigwam, UPRR to Jones Boulevard	Closed	\$535,000.00
CLA16H06	Blue Dia Wash S Rainbow, Pebble - Raven & Wigwam - Ford	Closed	\$2,444,155.20
CLA16I07	Lower Blue Diamond Detention Basin Outfall	Closed	\$1,694,368.59
CLA16J07	Blue Diamond Wash Wigwam, Jones Blvd to Rainbow	Closed	\$357,603.89
CLA16K07	Upper Duck Creek Detention Basin	Closed	\$3,000,000.00
CLA16O19	Blue Diamond Wash, Arville Street to I-15	Open	\$635,000.00
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	\$1,799,700.00
CLA21B12	Orchard Detention Basin	Closed	\$4,929,886.35
CLA22A00	Flamingo Diversion - Jones Branch	Closed	\$100,001.71

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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	\$3,382,870.00
CLA38C20	Duck Creek Haven Street Storm Drain	Open	\$354,000.00
CLA38D20	Duck Creek Haven Street Storm Drain	Open	\$5,116,417.00
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
CLD98A06	Hickam Avenue Storm Drain	Closed	\$465,091.07
CLD99A05	Red Coach Ave/Cimarron Rd Improvements	Closed	\$388,200.00
			<u>\$246,695,937.08</u>

Clark County Outlying

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BUN01A90	Bunkerville Channel (aka Windmill Channel)	Closed	\$817,795.45
BUN01B98	Bunkerville Flood Control Improvements	Closed	\$5,734,536.80
BUN01C05	Windmill Wash Outfall	Closed	\$2,839,135.00
BUN01D11	Windmill Wash Detention Basin Expansion	Open	\$880,000.00
GSP01A88	Goodsprings Flood Control Improvements	Closed	\$72,275.84
GSP01B10	Goodsprings - Phase I	Open	\$83,400.00
IND01A98	Indian Springs Flood Control Improvements	Closed	\$579,193.24
LAU01A89	Unnamed Wash, Laughlin	Closed	\$349,995.99
LAU02A89	Hiko Springs, Laughlin	Closed	\$369,974.40
LAU02B92	Hiko Springs, Laughlin, Remap	Closed	\$8,000.00
LAU03A96	Hiko Springs Outfall Channel	Closed	\$7,771,291.25
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
MOA01C06	Muddy River, Gubler Avenue Bridge	Closed	\$745,638.67
MOA01D07	Muddy River, Gubler Avenue Bridge	Closed	\$5,319,472.98
MOA01E08	Muddy River & Trib - Cooper Ave to Yamashita St	Closed	\$966,120.32
MOA01F10	Muddy River Logandale Levee	Open	\$1,753,000.00

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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	Open	\$1,011,500.00
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	\$500,000.00
SEA03A09	Searchlight - South, Encinitas St Storm Drain	Closed	\$31,272.42
SEA03B17	Searchlight-South, Encinitas St. Storm Drain	Open	\$2,530,000.00
			<u>\$75,357,630.64</u>

COE/Clark County

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

Henderson

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01A87	Pittman Wash Channel Design (Phases I, II, III)	Closed	\$533,554.14
HEN01B87	Warm Springs & Stephanie Street Bridges	Closed	\$1,660,108.81
HEN01C90	Pittman Wash Channel - Phase I Construction	Closed	\$2,744,110.10
HEN01F00	Pittman Wash Lower Reach	Closed	\$324,343.79
HEN01H09	Pittman Wash, Duck Creek at I-515	Closed	\$349,813.57
HEN01I14	Pittman Wash, Duck Creek at I-515	Closed	\$2,295,044.97
HEN02A89	Green Valley Parkway Bridge	Closed	\$1,128,513.78
HEN03A91	UPRR Channel	Closed	\$117,073.57
HEN04A91	C-1 Predesign / Mission Hills Design	Closed	\$1,009,074.06
HEN04B93	C-1 Channel / Lake Mead Dr. to Burkholder Design	Closed	\$173,333.98
HEN04E96	Mission Hills Western Interceptor Diversion	Closed	\$2,636,599.02
HEN04F97	Black Mountain Detention Basin	Closed	\$275,048.92
HEN04I98	C-1 Channel (Culvert) at Lake Mead	Closed	\$907,210.00
HEN04K99	Upper and Middle Reaches of the C-1 Channel	Closed	\$521,871.29
HEN04O09	C-1, Four Kids Wash - Lake Mead to Eagle Rock	Closed	\$22,905.46
HEN04P09	Racetrack Channel, Drake to Burkholder	Closed	\$76,414.93
HEN04Q15	Racetrack Channel, Drake to Burkholder	Closed	\$833,948.46
HEN05A92	Sunset D B, Collection Sys, & Outfall (Pioneer DB)	Closed	\$3,749,294.23
HEN05C01	Pioneer Detention Basin	Closed	\$4,323,566.57
HEN05D09	Pioneer Detention Basin Expansion and Inflow	Closed	\$325,840.81
HEN05E09	Pittman, Horizon Ridge Detention Basin	Closed	\$785,441.55
HEN06A93	Equestrian Drive Detention Basin	Closed	\$388,624.49
HEN06B95	Equestrian Detention Basin	Closed	\$6,128,895.08
HEN06C02	Equestrian Detention Basin Outfall	Closed	\$681,288.27

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN06D05	C-1 Equestrian Tributary	Closed	\$227,591.57
HEN06F08	C-1 Equestrian Tributary	Closed	\$2,711,795.15
HEN06G08	Equestrian Detention Basin Outfall - Heritage Channel	Closed	\$4,200,444.03
HEN06H09	Equestrian Detention Basin Expansion	Closed	\$335,247.64
HEN06IO9	Equestrian Tributary Phase II	Closed	\$405,636.14
HEN07A96	Pittman Park Detention Basin	Closed	\$1,546,249.59
HEN07B09	Pittman Wash, UPRR to Santiago	Closed	\$843,016.21
HEN07D09	Whitney Wash Channel	Closed	\$130,264.67
HEN07E11	Pittman Wash, UPRR to Santiago	Closed	\$8,796,470.83
HEN07F18	Whitney Ranch Channel Replacement Project	Open	\$934,549.00
HEN08A96	Railroad East Detention Basin	Closed	\$6,416,341.47
HEN08B08	Pittman Railroad East Conveyance	Closed	\$444,380.89
HEN08C08	Pittman Railroad East Conveyance	Closed	\$8,518,517.91
HEN09A99	Pittman East Detention Basin (collapse with HEN09A97)	Closed	\$119,918.19
HEN09B00	Pittman Eastern Detention Basin	Closed	\$6,099,436.41
HEN09D09	Pittman Seven Hills Park Channel	Closed	\$0.00
HEN10B99	South Pittman Detention Basin	Closed	\$3,202,101.72
HEN12A99	Gibson Channel at Sunset Road	Closed	\$40,125.00
HEN12B01	Gibson Channel Culvert at Sunset Road	Closed	\$364,211.76
HEN12C02	Gibson Conveyance System	Closed	\$237,718.78
HEN12F05	Pittman Gibson, Warm Springs Road to Kelso Dunes Avenue	Closed	\$10,000.00
HEN12GO6	Pittman Wash - Burns	Closed	\$4,251,084.08
HEN12H09	Pittman Burns, Sunset to Galleria	Closed	\$770,231.86
HEN12IO9	Pittman, West Horizon - Palm Hills	Closed	\$249,028.80
HEN12K19	Pittman - Sunset, Galleria to Foster	Open	\$605,788.00
HEN13A00	Boulder Highway Channel	Closed	\$360,070.00
HEN14A00	Pittman Pecos West Conveyance & Eastern Ave Tributary	Closed	\$2,355,800.39
HEN14B06	Pittman Pecos West Conveyance & Eastern Ave Tributary	Closed	\$6,787,948.72
HEN15A00	Pittman Wash Railroad Channel	Closed	\$568,801.51
HEN16A01	Pittman North Detention Basin & Outfall	Open	\$2,264,514.00
HEN16D15	Pittman North Detention Basin and Outfall, Phase I	Closed	\$3,458,916.31
HEN16E15	Pittman North DB & Outfall, Phase II - Starr Avenue	Closed	\$1,865,136.31
HEN16F17	Pittman North Detention Basin & Outfall, Phase III	Open	\$25,700,000.00
HEN19B06	Northeast Detention Basin Outfall	Closed	\$337,852.88
HEN19C07	Northeast Detention Basin, Levee and Outfall	Closed	\$13,366,601.89
HEN21A05	Pittman Railroad, MacDonald Ranch Channel	Closed	\$253,025.49
HEN21B08	Pittman Railroad, MacDonald Ranch Channel	Closed	\$2,025,749.22
HEN22A09	Anthem Pkwy Channel, Horizon Ridge to Sienna Heights	Closed	\$94,222.77
HEN23A09	Center Street Storm Drain	Closed	\$564,095.75
HEN24A11	Duck Creek, Sunset to Sandhill	Closed	\$535,983.84
HEN24B13	Duck Creek, Sunset to Sandhill	Closed	\$3,475,829.83
HEN25B19	Pittman Pabco - Boulder Highway Crossing	Open	\$1,454,530.00
HLD06B19	Chickasaw Storm Drain	Open	\$1,999,964.00

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HLD15A06	Blackridge Road Storm Drain System	Closed	\$529,071.04
			\$151,450,183.50

Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS01A87	Angel Park Detention Basin Outflow Structure	Closed	\$397,978.73
LAS01B95	Angel Park Detention Basin Expansion	Closed	\$1,356,534.40
LAS01D09	Angel Park North - Detention Basin	Closed	\$597,382.00
LAS02A87	Buffalo Channel	Closed	\$4,167,183.73
LAS02B91	Buffalo Channel/Summerlin PKWY - Vegas Drive	Closed	\$126,491.20
LAS02C91	Buffalo Channel/Westcliff-Summerlin Pkwy	Closed	\$471,594.88
LAS02D92	Buffalo Channel/Doe Av.-Westcliff Dr	Closed	\$84,175.72
LAS02F93	Buffalo Channel / Doe-Westcliff	Closed	\$1,685,430.55
LAS03A89	Gowan Rd Detention System	Closed	\$195,685.16
LAS03B89	Gowan Detention Basin & Outfall	Closed	\$4,813,519.80
LAS03D98	Gowan South Detention Basin Expansion	Closed	\$126,398.42
LAS03E00	Gowan South DB Expansion	Closed	\$2,609,639.23
LAS04A87	Oakey Boulevard System	Closed	\$111,106.72
LAS04B90	Oakey BI System	Closed	\$631,418.63
LAS04C91	Oakey BI System/Decatur BI Crossing	Closed	\$35,000.00
LAS04E94	Oakey Conveyance Phase II	Closed	\$1,083,848.86
LAS05A87	Meadows Detention Basin	Closed	\$120,000.00
LAS05B87	Meadows Detention Basin	Closed	\$3,432,123.00
LAS05C00	Meadows Detention Basin Expansion (Resol 00-2)	Closed	\$150,000.00
LAS05D01	Meadows Detention Basin Expansion (Resol 01-3)	Closed	\$3,422,258.00
LAS05H08	Alta Parallel System	Closed	\$8,165,350.58
LAS05I08	Oakey-Meadows Storm Drain, Phase I	Closed	\$12,686,286.59
LAS05J10	Oakey Meadows Storm Drain-Phase II	Closed	\$9,822,984.14
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
LAS09J97	Freeway Channel System - Alta Drive to UPRR	Closed	\$13,839,202.95
LAS09K97	Upper Washington Avenue - Sagman to Bonanza	Closed	\$4,421,963.25
LAS09L98	Freeway Channel - Alta Dr to Sahara Avenue	Closed	\$2,778,531.48
LAS09M98	Freeway Channel North/ Washington Avenue - Vegas Drive	Closed	\$257,916.45

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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
LAS14B00	Washington Avenue & Freeway Channel North	Closed	\$4,887,278.94
LAS14C11	Freeway Channel-Washington, MLK to Rancho Drive	Open	\$1,073,510.00
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

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS16B99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	\$1,198,151.00
LAS16C99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	\$17,697.53
LAS16G07	Rancho Detention Basin, Phase II	Closed	\$3,953,168.82
LAS16H07	Rancho Drive System - El Campo Grande Storm Drain	Closed	\$4,634,244.76
LAS16I09	Ann Rd Channel West - Rainbow Blvd	Closed	\$475,475.33
LAS16J09	Rancho System - Beltway to Elkhorn	Closed	\$927,245.27
LAS16L11	Rancho Road System - Elkhorn, Ft Apache to Grand Canyon	Closed	\$394,023.05
LAS16M12	Ann Road Channel West - Rainbow Boulevard	Closed	\$3,474,459.19
LAS16N13	Rancho System - Beltway to Elkhorn Road	Closed	\$8,681,088.21
LAS16O13	Rancho Rd System-Elkhorn, Fort Apache to Grand Canyon	Closed	\$2,287,600.29
LAS16P15	Rancho Road System - Elkhorn, Grand Canyon to Hualapai	Open	\$654,000.00
LAS16Q18	Rancho Road System-Elkhorn, Grand Canyon to Hualapai	Open	\$5,185,760.00
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
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
LAS22H07	Las Vegas Wash - Elkhorn Rd, Rainbow Blvd to Torrey Pines Dr	Closed	\$6,561,592.06
LAS22I08	Las Vegas Wash - Decatur Blvd (Elkhorn Rd to Farm Rd)	Closed	\$2,950,783.84
LAS22J08	Las Vegas Wash - Jones Blvd, Elkhorn to Farm	Closed	\$1,683,390.48
LAS22K08	LVW - Grand Teton, Mountain Spa to Durango Drive	Closed	\$850,522.21
LAS22L08	LVW - Grand Teton, Buffalo Drive to Durango Drive	Closed	\$172,513.02

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS22R12	LVW-Grand Teton, Mountain Spa to Durango Drive	Closed	\$12,250,368.51
LAS22S13	Brent Drainage System-Floyd Lamb Park to Durango Drive	Open	\$533,365.00
LAS22T15	Brent Drainage System - Floyd Lamb Park to Durango Drive	Open	\$4,900,700.00
LAS22U19	Brent Drainage System-Durango to OHare Ave	Open	\$1,100,000.00
LAS23C08	Horse Drive Interchange	Closed	\$5,392,419.91
LAS23D13	Centennial Parkway Channel West - US95 Crossing	Closed	\$1,411,812.73
LAS23E13	Centennial Pkwy Channel West-CC 215, Pioneer Way to US95	Open	\$1,070,687.00
LAS23F14	Centennial Parkway Channel West-CC215, Pioneer Way to US95	Open	\$13,900,000.00
LAS23G15	Centennial Parkway Channel West-US95, CC215 to Durango	Open	\$1,261,471.00
LAS23H15	Centennial Parkway Channel West-US95, Durango to Grand Teton	Open	\$985,231.00
LAS23I17	Cent Pkwy Chnl West-US95, CC215 to Grand Teton, Kyle Cyn	Open	\$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 (Rancho Drive to Decatur Boulevard)	Closed	\$1,595,874.26
LAS24H13	Gowan North-Buffalo Branch,Lone Mtn to Washburn Rd	Closed	\$953,701.76
LAS24I15	Gowan Box Canyon - Lone Mountain Road	Open	\$704,000.00
LAS24J15	Gowan North - El Capitan Branch, Lone Mountain to Ann Road	Open	\$820,478.00
LAS24K17	Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd	Closed	\$8,180,517.28
LAS24L17	Gowan North-El Capitan Branch, Ann Rd to Centennial Pkwy	Open	\$861,670.00
LAS24M17	Gowan North-El Capitan Branch, Lone Mtn to Ann Rd.	Open	\$9,630,600.00
LAS25B13	Cedar Avenue Channel Improvements	Open	\$831,489.00
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 Tee Pee	Closed	\$401,560.15
LAS27A09	Boulder HWY Sahara Ave - Mojave Rd to Boulder HWY	Closed	\$411,967.68
LAS28B11	Oakey Drain - Cahlan to Barnard	Closed	\$5,372,969.90
LAS28C12	Las Vegas Wash - Sloan Channel to Cedar Avenue	Open	\$110,000.00
LAS29A10	Flamingo Wash, Boulder Highway North-Main Street	Closed	\$346,572.69
LAS29B15	Flamingo-Boulder HWY N-Boulder HWY Sahara to Charleston	Open	\$1,726,003.00
LAS29C16	Flamingo-Bldr Hwy, N Charleston-Maryland Pkwy System	Open	\$2,888,829.00
LAS29D17	Flamingo-Boulder Hwy North, Charleston, Main to Maryland	Open	\$1,529,674.00
LAS29E18	Flamingo - Boulder Hwy North - Boulder Hwy, Sahara to Charleston	Open	\$30,664,139.00

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS30A13	Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard	Open	\$711,938.00
LAS31A17	LVW-Moccasin, Skye Canyon Park to Upper LVW	Open	\$120,000.00
LAS31B18	LVW - Moccasin, Skye Canyon Park to Upper LVW	Open	\$15,393,582.00
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	Open	\$1,200,000.00
LLD12A04	Brush Street Storm Drain	Closed	\$411,351.53
LLD13A02	Crystal Water Way, Lake South Dr to Desert Inn Rd	Closed	\$227,132.20
LLD18A02	Peak Drive, Rainbow Blvd to Torrey Pines Dr	Closed	\$371,781.85
LLD19A18	Luning Drive Storm Drain	Open	\$1,201,965.00
LLD99A09	Gilmore Ave - Decatur Blvd to Thom Blvd Storm Drain	Closed	\$410,867.01
			<u>\$390,357,521.28</u>

Mesquite

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
MES01A88	Town Wash Detention Basin (Right-of-Way)	Closed	\$9,600.50
MES01B89	Town Wash Detention Basin (Design & Construction)	Closed	\$660,000.00
MES01C02	Town Wash Conveyance, I-15 to Virgin River	Closed	\$977,665.86
MES01E17	Town Wash-Mesa Boulevard, El Dorado to Town Wash	Open	\$539,582.75
MES02A00	Abbott Wash Channel, I-15 to Virgin River	Closed	\$632,380.00
MES04A15	Virgin River Flood Wall	Open	\$1,433,903.00
			<u>\$4,253,132.11</u>

North Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLD14A15	Oak Island Drive Storm Drain	Closed	\$0.00
NLV01A87	Las Vegas Wash/I-15 to Pecos (Facility Study)	Closed	\$304,000.00
NLV01B87	Las Vegas Wash/Craig-Civic Center (King Charles)	Closed	\$2,415,411.73
NLV01C00	Upper Las Vegas Wash	Closed	\$2,590,459.93
NLV01E07	Tropical Parkway Channel East	Closed	\$1,161,535.61
NLV01G11	Ann Road Channel East, ULVW to Fifth Street	Closed	\$960,970.98
NLV01H13	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$302,073.21
NLV01J15	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$3,044,495.91
NLV02A87	W. Trib Las Vegas Wash/Craig -Alexander	Closed	\$1,268,170.85
NLV02B88	W. Trib Las Vegas Wash/Craig Ranch Golf Course-Craig	Closed	\$1,057,430.33
NLV03A88	West Range Wash Detention Basin (Facility Study)	Closed	\$273,068.12
NLV03B88	East Range Wash Detention Basin (Facility Study)	Closed	\$30,000.00

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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	Open	\$13,109,000.00
NLV03I18	Range Wash - Ann Branch, Phase I	Open	\$2,668,000.00
NLV04A89	Gowan Outfall Structure	Closed	\$13,373,572.56
NLV04B00	Gowan Outfall, Craig to Channel	Closed	\$301,821.67
NLV04C01	Gowan Outfall, Craig to Channel	Closed	\$1,566,299.84
NLV04F07	Simmons Street Drainage Improvements - Carey to Craig	Closed	\$2,110,016.45
NLV04G07	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$15,057,798.44
NLV04I11	Simmons Street - Phase II, Carey to Cheyenne	Closed	\$5,464,819.43
NLV04K17	Gowan Outfall, Alexander Rd - Decatur to Simmons Street	Open	\$1,931,156.00
NLV05A89	Upper Las Vegas Wash Detention Basin	Closed	\$1,342,892.36
NLV06A91	Kyle Detention Basin	Closed	\$601,126.71
NLV06B93	Kyle Detention Basin	Closed	\$8,452,713.96
NLV07A92	Camino Al Norte Culvert	Closed	\$86,191.00
NLV08A94	Lower Las Vegas Wash Detention Basin	Closed	\$2,650,037.50
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$3,316,222.35
NLV09A94	Range Wash Chnl W Trib/Confl DB-LV Blvd. + Vandenberg DB	Closed	\$2,299,092.06
NLV09C03	Range Wash - Lamb Blvd Storm Drain	Closed	\$337,143.54
NLV09D07	Range Wash - Lamb Blvd Storm Drain	Closed	\$5,733,340.83
NLV09E11	Vandenberg North Detention Basin & Outfall	Open	\$1,534,770.00
NLV09F13	Beltway Detention Basin and Channel	Closed	\$0.00
NLV09G13	Centennial Collector	Closed	\$50,086.74
NLV09I13	Beltway Detention Basin and Channel	Open	\$1,464,000.00
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
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 Ann Rd)	Closed	\$1,494,634.14
NLV11B97	W. Trib Las Vegas Wash, Ph II (Ann Rd to Centennial PKWY)	Closed	\$2,154,439.86
NLV12A97	Clayton Channel- WTLVW >Centennial PKWY> Allen Ln	Closed	\$40,408.90
NLV13A98	Tributary to the Western Tributary @ Craig Rd	Closed	\$801,419.92

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV13B02	Tributary to the Western Tributary at Craig Road	Closed	\$5,443,730.21
NLV14A00	Tributary to the Western Tributary @ Alexander Rd	Closed	\$735,930.14
NLV15A00	Las Vegas Wash - Losee Project	Closed	\$87,613.81
NLV16A00	Simmons Street Channel	Closed	\$1,013,785.70
NLV17A00	Centennial Parkway Channel East	Closed	\$2,486,927.42
NLV17B08	Centennial Parkway Channel East	Closed	\$19,334,832.52
NLV17C16	Fifth Street Collector, Centennial Pkwy to Deer Springs Way	Open	\$726,079.00
NLV17D18	Fifth St Collector, Centennial Pkwy to Deer Spgs Way	Open	\$5,416,000.00
NLV18A07	Colton Channel	Closed	\$1,175,047.77
NLV18B07	Brooks Channel	Closed	\$594,278.02
NLV18C07	Freeway Channel - Owens Avenue to Miller Avenue	Closed	\$1,528,308.05
NLV18D09	Freeway Channel - Owens Ave to Miller Ave, Phase I	Closed	\$4,389,989.00
NLV18E11	Freeway Channel - Owens Ave to Miller Avenue - Phase II	Closed	\$6,441,348.71
NLV18F13	Central Freeway Channel At Cheyenne	Closed	\$694,097.08
NLV18H14	Brooks Channel	Closed	\$4,689,970.93
NLV18I16	Central Freeway Channel at Cheyenne	Closed	\$9,663,354.07
NLV19A19	Carey-Lake Mead DB Outfall Modification	Open	\$100,000.00
			<u>\$187,053,527.12</u>
	Grand Total		<u><u>\$1,132,645,389.54</u></u>

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

Boulder City

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$867,000.00
BOU01E19	Hemenway System, Phase IIB Improvements	Open	\$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

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

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

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

Clark County Outlying

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

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

Henderson

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01D91	Pittman Wash Channel - Phase II Construction	Closed	\$2,071,148.80
HEN01E93	Pittman Wash Channel Phase IIIA Construction	Closed	\$776,682.83
HEN03B92	UPRR Channel Construction	Closed	\$2,149,477.47
HEN04C93	Mission Hills System Construction	Closed	\$5,503,671.37
HEN04D94	C-1 Channel / Lake Mead Dr. - Burkholder	Closed	\$3,398,432.50
HEN04E96	Mission Hills Western Interceptor Diversion	Closed	\$2,100,000.00
HEN04J99	Black Mountain Detention Basin & Outfall	Closed	\$5,233,184.00
HEN04L01	C-1 Chnl, Mdl & Upr Reaches-PhI: Burkholder - Boulder HWY	Closed	\$4,784,787.10
HEN04M03	C-1 Channel, Upper & Middle Reaches - Vermillion Dr - Boulder HWY	Closed	\$3,689,653.67
HEN05B98	Pioneer DB Outfall	Closed	\$2,952,988.96
HEN05F12	Pioneer Detention Basin Expansion and Inflow	Closed	\$1,330,852.11
HEN05G16	Horizon Ridge Detention Basin	Closed	\$6,784,863.71
HEN06J13	Equestrian Detention Basin Expansion	Closed	\$1,025,764.52
HEN06K13	Equestrian Tributary, Phase II	Closed	\$2,147,066.76
HEN07C11	Pittman Park Peaking Basin Modification	Closed	\$0.00
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 I	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
			<u>\$74,237,487.77</u>

Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS01E13	Angel Park Detention Basin Expansion	Closed	\$4,085,640.34
LAS02E92	Buffalo Channel/Summerlin Pkwy-Vegas Dr.	Closed	\$1,911,377.65
LAS03C91	Gowan Detention Basin	Closed	\$7,184,517.75
LAS04D92	Oakey Detention Basin & Conveyance	Closed	\$6,887,121.59
LAS05E03	Oakey - Meadows Storm Drain	Closed	\$5,221,885.40
LAS05F03	Alta Parallel System	Closed	\$2,093,934.39
LAS05K15	Oakey-Meadows Storm Drain, Phase III	Closed	\$24,265,142.63
LAS09C91	Washington Ave./Sandhill Outlet	Closed	\$1,496,312.93
LAS09E93	Washington Ave. / Virgil-Lena	Closed	\$2,862,675.33
LAS09N99	Upr Wash Ave Conv Sys, Ph II: Veterans Memorial Dr - UPRR	Closed	\$6,279,449.66
LAS09O99	Freeway Channel - Alta Dr to Sahara Ave & Bypass Facility	Closed	\$36,285,968.75

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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	Open	\$11,555,343.00
LAS16D01	Ann Road, Allen Lane to Rancho Drive	Closed	\$7,069,867.82
LAS16E04	Rancho Detention Basin, Phase II	Closed	\$464,510.86
LAS16F04	Rancho Road System (El Campo Grande Storm Drain)	Closed	\$573,652.99
LAS17E03	Peak Drive System (Jones Blvd to Michael Way)	Closed	\$456,338.90
LAS19C05	Owens Avenue System (Vegas Dr Storm Drain) - Michael Way to Rancho Drive	Closed	\$1,596,671.67
LAS21A03	Upper Las Vegas Wash Facility Study	Closed	\$243,392.60
LAS22A03	Decatur/Elkhorn/Rainbow System Predesign	Closed	\$368,594.70
LAS22M09	Las Vegas Wash - Rainbow (Elkhorn Rd to Grand Teton Dr)	Closed	\$7,696,565.04
LAS22N09	Las Vegas Wash - Decatur & Elkhorn, CC 215	Closed	\$25,788,320.03
LAS22O09	N & S Environ Enhancement Areas - Floyd Lamb Park	Closed	\$25,314,907.94
LAS22P09	Elkhorn Springs & Buffalo Storm Drain	Closed	\$1,567,520.54
LAS24F10	Gowan Outfall - Lone Mountain Branch (Rancho to Decatur)	Closed	\$10,109,824.95
LAS26D14	Grand Teton - Hualapai to Tee Pee	Closed	\$6,245,247.37
LAS28A10	Langtry Channel Bonanza to Washington Avenue	Closed	\$1,002,676.43
			\$228,961,120.49

Mesquite

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
MES01B9	Town Wash Detention Basin (Design & Construction)	Closed	\$3,692,545.65
MES01D10	Town Wash Conveyance, I-15 to the Virgin River	Closed	\$7,366,966.99
MES02B03	Abbott Wash Conveyance System, Pioneer Blvd to the Virgin River	Closed	\$10,625,472.16
			\$21,684,984.80

North Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV01D03	Upper Las Vegas Wash	Closed	\$31,132,709.75
NLV01F09	Tropical Parkway Channel East	Closed	\$5,900,026.83
NLV01I14	Ann Road Channel East, ULVW to Fifth Street	Closed	\$5,580,349.42
NLV03D93	West Range Wash Diversion Dike	Closed	\$2,251,608.79
NLV03J19	Hollywood System, Phase II, NAFB Reach	Open	\$19,921,851.00

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV03K19	Range Wash - Ann Branch, Phase II	Open	\$7,697,245.00
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	\$16,192,926.00
NLV09K19	Vandenberg North DB, Collection & Outfall, Phase II	Open	\$30,499,000.00
NLV10E03	"A" Channel Three Bridges Project (Cheyenne Ave, Las Vegas Blvd, and Carey Ave)	Closed	\$9,966,315.63
NLV10G03	Cheyenne Peaking Basin, Collection & Outfall - Alexander Rd to Cheyenne Ave	Closed	\$15,482,525.64
NLV10J10	LV Wash Main Branch-LV Blvd. to Lake Mead Blvd.	Closed	\$21,161,048.84
NLV11C98	W. Trib Las Vegas Wash Chnl, Ph I (Ann Rd - Clayton St)	Closed	\$7,898,144.87
NLV11D99	W. Trib Las Vegas Wash, Ph III (LLVWDB to Camino Al Norte)	Closed	\$2,499,963.56
NLV11E99	W. Trib of the Las Vegas Wash, Ph II (Ann to Centennial)	Closed	\$7,772,320.98
NLV14B03	Tributary to the Western Tributary @ Alexander Rd	Closed	\$7,636,332.88
NLV15B03	Las Vegas Wash - Losee Road	Closed	\$1,142,595.43
NLV16B03	Simmons Street Channel	Closed	\$4,885,102.93
NLV18G14	Colton Avenue Flood Control Improvements	Closed	\$6,811,918.64
			<u>\$247,855,277.97</u>
	Grand Total		<u><u>\$879,587,627.76</u></u>

FY 2019-20 PROJECTS FUNDED SUMMARY

Facility Description	Project Number	Project Scope (1)	Year-1 Programmed (2)	Year-2/Year-3 Programmed (2)/(3)	Funding Amount (4)	Approval Date	Item #
HENDERSON (Southeast Las Vegas Valley)							
Galleria to Sunset		Construction	1,463,860.00				
Whitney Wash Channel Replacement Project		Construction	0.00	6,463,809.00			
Whitney Wash Channel Replacement Project, Phase II		Construction	0.00	1,747,281.00			
Pittman - Sunset, Galleria to Foster	HEN12K19	Design	565,788.00	0.00	565,788.00	12/12/2019	10
Pittman - Sunset, Galleria to Foster	HEN12K19	Right-of-Way	40,000.00	0.00	40,000.00	12/12/2019	10
Pittman, Horizon Ridge Detention Basin - Closeout	HEN05E09	Design	(6,843.45)	0.00	(6,843.45)	3/12/2020	8
Horizon Ridge Detention Basin - Closeout	HEN05G16	Construction	(721,136.29)	0.00	(721,136.29)	3/12/2020	8
Pittman Pabco - Boulder Highway Crossing	HEN25B19	Construction	1,454,530.00	0.00	1,454,530.00	9/12/2019	12b
		Henderson Total	\$2,796,198.26	\$8,211,090.00	\$1,332,338.26		
HENDERSON 3-YEAR TOTALS:		PROJECTS PROGRAMMED	\$11,007,288.26				
		ESTIMATED RESOURCES	\$13,280,515.00				
		REMAINING RESOURCES	\$11,948,176.74				

LAS VEGAS (Central Las Vegas Valley)							
Carey-Lake Mead Detention Basin Outfall Modification	NLV19A19	Pre-Design	100,000.00	0.00	100,000.00	10/10/2019	11b
Lake Mead - Carey - Lake Mead Detention Basin Outfall		Construction	0.00	115,613.00			
Brent Drainage System - Durango Drive to O'Hare Avenue	LAS22U19	Design	897,540.00	0.00	897,540.00	7/11/2019	13
Brent Drainage System - Durango Drive to O'Hare Avenue - 1st Supplemental	LAS22U19	Design	202,460.00	0.00	202,460.00	9/12/2019	11
Flamingo - Boulder Hwy. North, Charleston - Boulder Hwy. to Maryland Parkway and Maryland Pkwy. System	LAS29C16	Design	400,000.00	0.00	400,000.00	4/9/2020	10
Flamingo - Boulder Hwy. North, Charleston - Boulder Hwy. to Maryland Parkway and Maryland Pkwy. System	LAS29F20	Construction	41,028,829.00	0.00	41,028,829.00	5/21/2020	
Gowan - Alexander Rd., Rancho to Decatur		Construction	0.00	10,499,261.00			
Gowan North - El Capitan Branch, Lone Mountain to Ann Road - 3rd Supplemental	LAS24J15	Design	35,000.00	0.00	35,000.00	1/9/2020	13b
Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd - Closeout	LAS24K17	Construction	(1,051,544.72)	0.00	(1,051,544.72)	9/12/2019	7
LWW - Moccasin, Skye Canyon Park to Upper LWW - 1st Supplemental	LAS31A17	Design	60,000.00	0.00	60,000.00	3/12/2020	15
Rancho Rd System-Elkhorn, Fort Apache to Grand Canyon - Closeout	LAS16O13	Construction	(70,799.71)	0.00	(70,799.71)	9/12/2019	7
Gowan Outfall - Alexander Rd., Decatur Blvd to Simmons Street		Construction	0.00	27,861,914.00			
Gowan Outfall - El Capitan Branch, Ann Road to Centennial		Construction	0.00	7,582,927.00			
		Las Vegas Total	\$41,601,484.57	\$46,059,715.00	\$41,601,484.57		
LAS VEGAS 3-YEAR TOTALS:		PROJECTS PROGRAMMED	\$87,661,199.57				
		ESTIMATED RESOURCES	\$95,216,306.00				
		REMAINING RESOURCES	\$53,614,821.43				

NORTH LAS VEGAS (Northern Las Vegas Valley)							
Las Vegas Wash Cartier Channel	NLV10L19	Design	698,289.00	0.00	698,289.00	10/10/2019	11a
Jim McGaughey Detention Basin, Collection & Outfall - 2nd Supplemental	CLA36A18	Design	1,000,000.00	0.00	1,000,000.00	7/11/2019	11
Jim McGaughey Detention Basin, Collection & Outfall - 2nd Supplemental	CLA36A18	Right-of-Way	2,000,000.00	0.00	2,000,000.00	7/11/2019	11
Jim McGaughey Detention Basin and Outfall		Construction	0.00	14,259,269.00			
Vandenberg North Detention Basin & Outfall - 7th Supplemental	NLV09E11	Design	121,770.00	0.00	121,770.00	8/8/2019	14
Vandenberg North Detention Basin, Collection & Outfall - Phase II	NLV09K19	Construction	30,499,000.00	0.00	30,499,000.00	8/8/2019	15b
Beltway Detention Basin and Channel - 3rd Supplemental	NLV09I13	Design	130,000.00	0.00	130,000.00	1/9/2020	13a
Range Wash - Ann Branch, Phase II	NLV03K19	Construction	0.00	7,697,245.00	7,697,245.00	9/12/2019	13b
Hollywood System, Phase II, Nellis Air Force Base Reach - 1st Supplemental	NLV03J19	Construction	311,851.00	0.00	311,851.00	2/13/2020	11
Hollywood System, Centennial Pkwy. to Speedway #2 Detention Basin		Construction	5,522,594.00	0.00			
		North Las Vegas Total	\$40,283,504.00	\$21,956,514.00	\$42,458,155.00		
NORTH LAS VEGAS 3-YEAR TOTALS:		PROJECTS PROGRAMMED	\$62,240,018.00				
		ESTIMATED RESOURCES	\$68,696,440.00				
		REMAINING RESOURCES	\$26,238,285.00				

CLARK COUNTY (Southwest Las Vegas Valley and Outlying Areas)							
Airport Channel - Naples Channel and Peaking Basin		Construction	26,750,000.00	0.00			
Flamingo Wash - Industrial Road to Hotel Rio Dr.		Construction	1,400,000.00	0.00			
Wagon Trail Channel - Sunset to Teco - 1st Supplemental	CLA10I19	Design	50,000.00	0.00	50,000.00	3/12/2020	13
Wagon Trail Channel - Sunset to Teco		Construction	0.00	1,399,667.00			
Flamingo Wash, Eastern Avenue - Closeout	CLA04W16	Construction	(54,590.25)	0.00	(54,590.25)	2/13/2020	8
Flamingo Wash, Maryland to Palos Verde		Construction	0.00	2,971,255.00			
Tropicana Wash at Swenson Street - 4th Amended Closeout	CLA10G12	Construction	(657.94)	0.00	(657.94)	1/9/2020	7
Tropicana Wash at Swenson Street - 5th Amended Closeout	CLA10G12	Construction	(328.97)	0.00	(328.97)	3/12/2020	7

FY 2019-20 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 Areas) - Continued							
Blue Diamond Wash - Arville to I-15 - 1st Supplemental	CLA16O19	Design	200,000.00	0.00	200,000.00	10/10/2019	10
Blue Diamond Wash - Arville to I-15		Construction	0.00	5,840,757.00			
Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.		Construction	0.00	5,679,467.00			
Duck Creek - Jones Boulevard Storm Drain	CLA38E20	Construction	3,650,769.00	0.00	3,650,769.00	5/21/2020	
Duck Creek, Las Vegas Boulevard - Closeout	CLA08T14	Construction	(418,522.88)	0.00	(418,522.88)	2/13/2020	8
Silverado Ranch Detention Basin, Collection & Outfall	CLA38B20	Construction	26,000,000.00	0.00	26,000,000.00	3/12/2020	16b
Blue Diamond Channel 02, Decatur - Le Baron to Richmar		Construction	3,500,000.00	0.00			
Duck Creek Haven Street Storm Drain	CLA38C20	Design	354,000.00	0.00	354,000.00	3/12/2020	14
Duck Creek Haven Street Storm Drain	CLA38D20	Construction	5,116,417.00	0.00	5,116,417.00	4/9/2020	11b
Jess Waite Wash Diversion Dike		Construction	1,581,566.00	0.00			
Searchlight West - State Highway 164	SEA02B19	Design	500,000.00	0.00	500,000.00	10/10/2019	11c
Searchlight - West - State Hwy 164		Construction	0.00	736,504.00			
Searchlight - South, Encinitas St Storm Drain - Closeout	SEA03A09	Design	(106,727.58)	0.00	(106,727.58)	2/13/2020	8
Muddy River Logandale Levee - Closeout	MOA01H15	Construction	(290,511.72)	0.00	(290,511.72)	2/13/2020	8
Goodsprings - Phase I		Right-of-Way	74,454.00	0.00			
Goodsprings - Phase I		Construction	919,494.00	0.00			
Fairgrounds - Detention Basin (Whipple Street)		Construction	11,237,678.00	0.00			
		Clark County Total	\$80,463,038.66	\$16,627,650.00	\$34,999,846.66		
CLARK COUNTY 3-YEAR TOTALS:	PROJECTS PROGRAMMED		\$97,090,688.66				
	ESTIMATED RESOURCES		\$131,270,653.00				
	REMAINING RESOURCES		\$96,270,806.34				

CITY OF MESQUITE							
Town Wash - Mesa Boulevard, El Dorado to Town Wash		Construction	4,992,880.00	0.00			
Town Wash - Mesa Boulevard, El Dorado to Town Wash - 3rd Supplemental	MES01E17	Design	79,198.00	0.00	79,198.00	7/11/2019	12
Town Wash - Mesa Boulevard, El Dorado to Town Wash - 4th Supplemental	MES01E17	Design	43,868.75	0.00	43,868.75	11/14/2019	10
		City of Mesquite Total	\$5,115,946.75	\$0.00	\$123,066.75		
MESQUITE 3-YEAR TOTALS:	PROJECTS PROGRAMMED		\$5,115,946.75				
	ESTIMATED RESOURCES		\$13,379,188.00				
	REMAINING RESOURCES		\$13,256,121.25				

BOULDER CITY							
Hemenway System, Phase IIB Improvements	BOU01E19	Construction	0.00	4,669,036.00	4,669,036.00	11/14/2019	11b
North Railroad Conveyance - Closeout	BOU05J10	Design	(20,537.78)	0.00	(20,537.78)	9/12/2019	7
North Railroad Conveyance, Phase II - Closeout	BOU05M18	Construction	(473,903.33)	0.00	(473,903.33)	9/12/2019	7
Wells Drive Levee Lining		Design	29,022.00	0.00			
		Boulder City Total	(\$465,419.11)	\$4,669,036.00	\$4,174,594.89		
BOULDER CITY 3-YEAR TOTALS:	PROJECTS PROGRAMMED		\$4,203,616.89				
	ESTIMATED RESOURCES		\$4,761,826.00				
	REMAINING RESOURCES		\$587,231.11				

SUMMARY	
TOTAL 3-YEAR PROJECTS PROGRAMMED⁽²⁾	\$267,318,758.13
TOTAL ESTIMATED RESOURCES (Year-1)	\$238,993,581.00
TOTAL REMAINING DESIGN PROJECTS (Year-1)	\$29,022.00
TOTAL PROJECTS FUNDED (Year-1)	\$124,689,486.13
CURRENT AVAILABLE CONSTRUCTION RESOURCES (Year-1)	\$114,275,072.87

LOCAL DRAINAGE (5)							
Chickasaw Storm Drain	HLD06B19	Construction	1,999,964.00	0.00	1,999,964.00	7/11/2019	15
Katie Avenue Storm Drain - Closeout	CLD19A17	Construction	(42,611.62)	0.00	(42,611.62)	7/11/2019	8
			0.00	0.00			
		Local Drainage Total	\$1,957,352.38	\$0.00	\$1,957,352.38		

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

ESTIMATED FUNDING SCHEDULE

Month-Year	Funding Requests Received			Estimated Resources for CIP		Priority Date	Notes
	Facility Description	Project #	Amount	Resources (1)	Available (1)		
	FISCAL YEAR 2019-20						
May-20	ESTIMATED REMAINING FISCAL YEAR CIP RESOURCES				\$55,796,106		
	Duck Creek - Jones Boulevard Storm Drain	CLA38E20	\$3,650,769		\$52,145,337		
	Flamingo - Boulder Hwy. North, Charleston - Boulder Hwy to Maryland Pkwy and Maryland Pkwy System	LAS29F20	\$41,028,829		\$11,116,508		
	No Projects Awaiting Funding						

Notes: (1) Estimated CIP resources are from the FY2019-20 Ten-Year Construction Program and may be adjusted for current economic conditions.

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

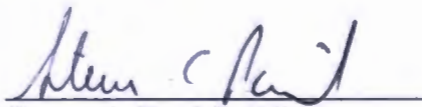
SUBJECT:
TEN-YEAR CONSTRUCTION PROGRAM AMENDMENTS
PETITIONER:
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
RECOMMENDATION OF PETITIONER:
ADOPT AMENDMENTS TO THE TEN-YEAR CONSTRUCTION PROGRAM (FOR POSSIBLE ACTION)

FISCAL IMPACT: None.

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

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Duck Creek – Jones Boulevard Storm Drain	CLA38E20	Item #09b Original	\$2,224,094.00	\$3,650,769.00
Flamingo – Boulder Hwy. North, Charleston – Boulder Hwy to Maryland Pkwy and Maryland Pkwy System	LAS29F20	Item #10b Original	\$44,022,755.00	\$41,028,829.00

Respectfully submitted,



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

TAC AGENDA ITEM #05 Date: 04/30/2020	RFCD AGENDA ITEM # Date: 05/21/2020
CAC AGENDA ITEM #05 Date: 04/30/2020	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion: TEN YEAR CONSTRUCTION PROGRAM AMENDMENTS In accordance with Policies and Procedures Section II.B.9 general amendments can be processed to address scheduling changes and/or the need for additional funding. This agenda item addresses requested changes in funding, positive and negative, associated with this agenda as they impact the Ten-Year Construction Program (TYCP).	Date: 04/20/2020
Staff Recommendation: Approve.	
Discussion by Technical Advisory Committee:	AGENDA #05 Date: 04/30/2020
Recommendation:	
Discussion by Citizens Advisory Committee:	AGENDA #05 Date: 04/30/2020
Recommendation:	

**CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
Amended May 21, 2020**

EXHIBIT C

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024			Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22				
TOTAL PLAN				\$899,655,079	\$253,190,812	\$42,078,140	\$46,535,204				
Unencumbered from previous year	(\$14,197,230)			\$887,129,406	\$80,196,828	\$50,074,956	\$47,091,295				
ENTITY RESOURCES				\$302,319,382	\$63,553,144	\$15,206,519	\$16,456,642				Funding Requests 19/20
Unencumbered from previous year	(\$27,951,231)				\$21,951,690	\$8,716,111	\$5,090,565				
ENTITY TOTAL		\$1,372,662,650	\$838,754,090	\$295,549,915	\$41,601,485	\$30,442,068	\$18,082,188		\$41,601,485		
HYDROGRAPHIC BASIN: CENTRAL		\$526,443,780	\$507,779,660	\$196,199,170	\$41,628,829	\$1,623,436	\$0		\$41,628,829		
SYSTEM: LV Wash I-15 Tributary		\$148,473,570	\$89,965,860	\$23,523,280	\$100,000	\$474,004	\$0		\$100,000		
PROJECT: Freeway Channel - Washington, Valley View to Michael Way											
Design/Admin			\$1,386,330								
Right-of-way	LV16 0802		\$1,109,080	\$10,447,603							
Construction			\$6,931,650								
PROJECT: Freeway Channel - Washington, Rancho to Valley View											
Design/Admin			\$1,260,270								
Right-of-way	LV16 0638		\$1,008,210	\$8,877,116							
Construction			\$6,301,330								
PROJECT: Lake Mead - Carey - Lake Mead Detention Basin Outfall											
Design/Admin		Design Started 19/20	\$20,790								
Design/Admin	LVLJM 0221	NLV19A19	\$16,630	\$215,613	\$100,000	\$8,565		10/10/2019	\$100,000	YES	NLV19A19
Construction			\$103,930			\$107,048					
PROJECT: Owens Avenue System - Vegas, Shadow Mountain to Jones											
Design/Admin			\$579,920								
Right-of-way	LVOW 0360		\$463,940	\$3,882,988							
Construction			\$2,899,600			\$358,301					
SYSTEM: LV Wash Central		\$369,949,500	\$221,782,930	\$69,395,748	\$0	\$1,049,432	\$0		\$0		
PROJECT: Las Vegas Wash - Stewart to Bonanza											
Design/Admin		Design Started 11/12	\$1,204,620								
Right-of-way	LVMW 1121 & 1148	CLA15D12 / LAS28C12	\$963,690	\$7,321,388							
Construction			\$6,023,110								
PROJECT: Meadows - Charleston, Essex to Lindell											
Design/Admin			\$1,362,180								
Right-of-way	MECN 0000, 0081		\$1,089,750	\$8,420,473							
Construction			\$6,810,920								
PROJECT: Meadows - Charleston, Lindell to Rainbow											
Design/Admin			\$1,881,440								
Right-of-way	MECN 0123, 0223		\$1,505,140	\$13,401,628							
Construction			\$9,407,180								
PROJECT: Las Vegas Wash - Stewart, Las Vegas Wash to Lamb											
Design/Admin			\$1,896,110								
Right-of-way	LVST 0000		\$1,356,490	\$11,370,138					\$1,049,432		
Construction			\$8,490,570								
PROJECT: Owens Avenue East - LV Wash to Eastern											
Design/Admin			\$3,610,770								
Right-of-way	LVOE 0000, 0085		\$3,048,610	\$27,891,823							
Construction			\$19,053,810								
SYSTEM: Sahara Boulder Highway		\$8,020,710	\$196,030,870	\$102,280,141	\$41,428,829	\$0	\$0		\$41,428,829		
PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy.											
Design/Admin		Pre-Design Started 09/10	\$2,787,570								
Right-of-way	BHBA 0000, 0026	LAS27A09	\$2,214,050	\$20,898,722							
Construction			\$13,837,830								
PROJECT: Sahara Avenue - Eastern Lateral											
Design/Admin			\$431,380								
Right-of-way	BAEA 0000		\$345,100	\$3,348,448							
Construction			\$2,156,690								
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern											
Design/Admin			\$2,278,210								
Right-of-way	BHBA 0075		\$1,822,570	\$17,732,916							
Construction			\$11,391,080								
PROJECT: Flamingo - Boulder Hwy, North, Charleston - Main to Maryland											
Design/Admin		design start in 17/18	\$1,286,650								
Right-of-way	FLBN 0281, 0312	LAS29D17	\$1,030,920	\$7,603,882							
Construction			\$6,443,270								
PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System											
Design/Admin	FLBN 0170, 0180, 0205,	Design started in 16/17	\$2,882,190								
3rd Supplement	0275, 0280 & FLMP 0000,	LAS29C16	\$2,305,780	\$41,428,829	\$3,039,173			8/21/2020	\$3,039,173	YES	LAB29F20
Construction	0013, 0042, 0038		\$14,410,970		\$400,000			6/9/2020	\$400,000	YES	LAB29C16
					\$37,989,656			8/21/2020	\$37,989,656	YES	LAB29F20
PROJECT: Las Vegas Wash - Cedar Channel/Bonanza - Las Vegas Wash to Lamb											
Design/Admin			\$1,452,940								
Right-of-way	LVWZ 0000		\$1,162,350	\$11,308,236							
Construction	CACH 0001, 0020		\$7,264,690								

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
Amended May 21, 2020

TOTAL PLAN	Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024			Board Date	Amount	Amendment?	Project No	
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22					
TOTAL PLAN			Annual Resources	\$899,655,079	\$283,190,812	\$42,078,140	\$48,535,208					
Unencumbered from previous year	(\$14,197,230)		Cumulative Available Resources	\$887,129,406	\$99,198,828	\$50,074,958	\$47,091,295					
ENTITY RESOURCES			Annual Resources	\$302,319,382	\$83,553,144	\$15,208,519	\$16,458,642					
Unencumbered from previous year	(\$27,951,231)		Cumulative Available Resources		\$21,951,880	\$8,716,111	\$5,090,565					
ENTITY TOTAL				\$1,372,662,650	\$338,754,090	\$295,549,915	\$41,601,485	\$30,442,068	\$18,082,188		\$41,601,485	
HYDROGRAPHIC BASIN: GOWAN				\$447,692,150	\$127,416,880	\$90,434,671	(\$1,016,545)	\$28,918,632	\$18,082,188		(\$1,016,545)	
SYSTEM: Gowan North				\$273,309,150	\$126,944,520	\$90,434,671	(\$1,016,545)	\$28,918,632	\$18,082,188		(\$1,016,545)	
PROJECT: Gowan Box Canyon - Lone Mountain Road												
Design/Admin		Design started in 15/16	\$1,081,940									
Right-of-way	GOBX 0018	LAS24I15	\$855,550	\$7,401,099								
Construction			\$5,409,720									
PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street												
Design/Admin		Design started 16/17	\$5,009,330				\$2,053,644					
Right-of-way	GOOF 0278, 0285	NLV04K17	\$4,007,480	\$27,891,914								
Construction	0928, 0378		\$25,046,670				\$25,798,070					
PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road												
3rd Supplement		Design started in 15/16					\$15,000		1/9/2020	\$35,000	YES	LAS24J15
Design/Admin	GOEC 0000 Rev 0078	LAS24J15		\$35,000								
Right-of-way												
Construction												
PROJECT: Gowan Outfall - Clayton Branch												
Design/Admin			\$2,055,290									
Right-of-way	GOCL 0000		\$1,644,230	\$15,498,891								
Construction			\$10,278,480									
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial												
Design/Admin		Design Started in 17/18	\$1,323,640								\$581,700	
Right-of-way	GOEC 0100, 0126,	LAS24L17	\$1,058,910	\$7,882,827								
Construction	0182, 0178		\$6,618,180								\$7,021,227	
PROJECT: Gowan - Alexander Rd., Rancho to Decatur												
Design/Admin		Design Started in 13/14	\$1,832,700								\$777,725	
Right-of-way	GOAL 0000, 0098	LAS30A13	\$1,468,180	\$10,488,281								
Construction		Eng's Est.	\$9,183,480								\$9,721,536	
PROJECT: Gowan - Rancho, Craig to Alexander and Alexander Branch												
Design/Admin			\$1,709,800				\$1,056,718					
Right-of-way	GOAL 0100, 0111		\$1,387,910	\$11,448,891								
Construction	GOA2 0000		\$8,549,440									
PROJECT: Gowan - Craig and US-95												
Design/Admin			\$1,572,190									
Right-of-way	GOAL 0188, 0247		\$1,257,750	\$11,168,089								
Construction			\$7,650,960									
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn												
Design/Admin		Design Started in 13/14	\$287,890									
Right-of-way	GOBU 0112, 0138	LAS24H13	\$214,380	(\$1,081,540)								
Construction		Eng's Est.	\$1,339,780						9/12/2019	(\$1,051,545)	YES	LAS24K17
CLOSEOUT												
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH				\$399,526,720	\$203,568,680	\$9,916,074	\$1,089,200	\$0	\$0		\$1,089,200	
SYSTEM: Ann Road				\$90,182,950	\$22,381,710	(\$70,800)	(\$70,800)	\$0	\$0		(\$70,800)	
PROJECT: Rancho Road System - Elkhorn, Fort Apache to Grand Canyon												
Design/Admin		Design Started 11/12	\$454,350									
Right-of-way	RCHB 0278	LAS18L11	\$363,480	(\$70,800)								
Construction			\$2,271,740						9/12/2019	(\$70,800)	YES	LAS18O13
CLOSEOUT												
SYSTEM: Upper Western Tributary				\$264,027,000	\$37,904,550	\$9,926,874	\$1,100,000	\$0	\$0		\$1,100,000	
PROJECT: Brent Drainage System - Durango to OHare												
Design/Admin		Design Started 19/20	\$1,495,900				\$893,540		7/11/2019	\$893,540	NO	LAS22U19
Right-of-way	BRDB 0107, 0167	LAS22U19	\$1,198,720	\$9,828,874			\$2,000		7/11/2019	\$2,000	NO	LAS22U19
1st Supplement							\$202,480		9/12/2019	\$202,480	YES	LAS22U19
Construction			\$7,479,480									
SYSTEM: Kyle Canyon				\$3,539,060	\$143,272,290	\$60,000	\$60,000	\$0	\$0		\$60,000	
PROJECT: LVW - Mesquite, Skye Canyon Park to Upper LVW												
1st Supplement		Design start in 17/18	\$3,389,870				\$60,000		3/12/2020	\$60,000	YES	LAS31A17
Design/Admin	LVW0 0000	LAS31A17	\$2,895,900	\$60,000								
Right-of-way												
Construction			\$0									

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

Amended May 21, 2020

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024			Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22				
TOTAL PLAN											
Unenumerated from previous year	(\$14,197,230)										
			Annual Resources	\$899,655,079	\$263,190,812	\$42,078,140	\$46,538,206				
			Cumulative Available Resources	\$887,129,406	\$59,198,828	\$50,074,958	\$47,091,289				
ENTITY RESOURCES											
Unenumerated from previous year	\$35,062,395										
			Annual Resources	\$293,042,389	\$106,538,019	\$11,878,071	\$12,854,583				
			Cumulative Available Resources		\$28,074,980	\$22,980,727	\$26,895,811				
ENTITY TOTAL		\$1,532,456,175	\$652,450,607	\$300,713,860	\$80,463,039	\$14,992,324	\$8,919,479		\$34,999,847		
HYDROGRAPHIC BASIN: Tropicana/ Flamingo		\$949,729,850	\$164,688,950	\$139,537,794	\$28,144,423	\$4,730,802	\$670,000		(\$6,577)		
SYSTEM: Tropicana Flamingo Project		\$484,469,310	\$23,344,000	\$15,855,519	\$0	\$0	\$0		\$0		
PROJECT: Blue Diamond - Buffalo Branch											
Design/Admin			\$1,617,240								
Right-of-way	BDBF 0010, 0078, 0128		\$1,293,800	\$12,167,767							
Construction			\$8,086,230								
PROJECT: Flamingo - Cimarron Branch											
Design/Admin			\$530,350								
Right-of-way	FLCM 0003		\$424,280	\$3,667,782							
Construction			\$2,651,780								
SYSTEM: Lower Flamingo		\$332,587,410	\$99,159,190	\$74,229,905	\$28,144,423	\$4,370,922	\$0		(\$5,577)		
PROJECT: Wagon Trail Channel - Sunset to Teco											
1st Supplement			\$251,860								
Design/Admin		Design Started 18/19	\$251,860								
Right-of-way	WGTR 0111	CLA10/19	\$201,320	\$1,449,867				3/12/2020	\$50,000	YES	CLA10/19
Construction			\$1,258,240						\$1,295,987		
PROJECT: Flamingo Wash, Maryland to Palos Verde											
Design/Admin		Design Started 18/19	\$534,210								
Right-of-way	FLWA 0821 & 0873	CLA04/19	\$427,360	\$2,671,285					\$220,095		
Construction			\$2,671,030						\$2,751,161		
PROJECT: Flamingo Wash, Eastern Avenue											
Design/Admin		Design Started 09/00	\$258,380								
Right-of-way	FLWA 0472	CLAD4E99	\$208,700	(\$84,860)							
CLOSEOUT		Eng Est	\$1,291,880					2/13/2020	(\$54,590)	YES	CLA04W16
PROJECT: Las Vegas Wash - Christy											
Design/Admin			\$3,303,990								
Right-of-way	LVCH 0037, 0114		\$2,643,190	\$24,699,282							
Construction			\$18,519,940								
PROJECT: Flamingo Wash Maryland - UNLV											
Design/Admin			\$970,640								
Right-of-way	FLMR 0000		\$778,510	\$8,914,039							
Construction			\$4,853,190								
PROJECT: Airport Channel - Naples Channel and Peaking Basin											
Design/Admin		Design Started 13/14	\$1,114,250								
Right-of-way	TRMC 0013, 0014, 0031, 0033	CLA10H13	\$891,380	\$28,780,000					\$1,750,000		
Construction		Eng Est	\$5,571,230						\$25,000,000		
PROJECT: Tropicana Wash at Swenson											
Design/Admin		Design Started 07/08									
AMEND CLOSEOUT		CLA10D07							(\$658)		1/9/2020
Construction									(\$329)	YES	CLA10G12
PROJECT: Vegas Valley Drive - Flamingo Wash to Burnham											
Design/Admin			\$1,353,250								
Right-of-way	VAVD 0000 & 0026		\$1,082,600	\$9,801,289							
Construction			\$6,796,280								
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.											
Design/Admin		Design Started 09/10	\$77,780								
Right-of-way	FLWA 0893 & 0898	CLA10P10	\$62,210	\$1,400,000					\$100,000		
Construction		Eng Est	\$388,790						\$1,300,000		
SYSTEM: Lower LV Wash Tributaries		\$21,817,390	\$37,218,650	\$49,452,371	\$0	\$359,880	\$670,000		\$0		
PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista											
Design/Admin			\$872,830								
Right-of-way	LV01 0181, 0178		\$698,260	\$8,386,120							4/9/2020
Construction			\$4,384,110								Moved
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy											
Design/Admin			\$3,978,080								
Right-of-way	LV01 0001, 0038, 0080, 0118		\$3,180,860	\$19,888,780							4/9/2020
Construction		Eng Est from CLA35A11	\$19,880,340								Moved
PROJECT: Tropicana Avenue Conveyance - Boulder Hwy. to Morris											
Design/Admin			\$582,330								
Right-of-way	LV01 0135		\$465,860	\$3,899,112					\$359,660		
Construction		Eng Est from CLA35A11	\$2,911,630								
PROJECT: Las Vegas Wash - Branch 02 - Monson Chn - Las Vegas Wash to Boulder Hwy.											
Design/Admin			\$2,587,010								
Right-of-way	LV02 0001 thru 0284		\$2,077,800	\$19,871,348							
Construction			\$12,985,020								

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
Amended May 21, 2020

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024			Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22				
TOTAL PLAN				\$899,655,079	\$283,190,812	\$42,976,148	\$48,838,208				
Unencumbered from previous year	(\$14,197,230)			\$887,129,406	\$69,198,628	\$50,074,956	\$47,091,288				
ENTITY RESOURCES				\$293,042,389	\$108,538,019	\$11,878,071	\$12,854,583				
Unencumbered from previous year	\$35,062,395				\$26,074,980	\$22,980,727	\$29,895,811				
ENTITY TOTAL		\$1,532,456,175	\$652,450,607	\$300,713,860	\$80,463,039	\$14,992,324	\$8,919,479		\$34,999,847		
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond		\$612,286,110	\$301,091,860	\$92,068,081	\$38,402,683	\$9,386,938	\$6,679,467		\$34,902,663		
SYSTEM: Blue Diamond Tributaries		\$76,756,840	\$61,719,030	\$22,761,798	\$200,000	\$5,840,757	\$6,679,467		\$200,000		
PROJECT: Blue Diamond Wash - Arville to I-15											
1st Supplement	Design/Admin	BDWA 0278	Design Started 18/19	\$1,050,120		\$150,000	\$432,649	10/10/2019	\$150,000	YES	CLA1601B
1st Supplement	Right-of-way		CLA18019	\$840,090	\$8,040,767	\$50,000		10/10/2019	\$50,000	YES	CLA1601B
	Construction			\$5,250,590			\$5,408,108				
PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.											
	Design/Admin	DCBD 0076, 0082 & 0084	Design Started 18/19	\$991,280			\$420,702				
	Right-of-way		CLA38A19	\$793,100	\$6,678,467						
	Construction			\$4,956,890			\$5,258,785				
PROJECT: Blue Diamond Channel, Amigo to Haven											
	Design/Admin	BDWA 0087 thru 0175		\$1,343,740			\$0	4/9/2020		Moved	
	Right-of-way			\$1,075,010	\$11,041,674		\$0				
	Construction			\$6,718,700				4/9/2020		Moved	
SYSTEM: Upper Duck Creek		\$123,500,470	\$75,203,030	\$39,741,076	\$33,150,769	\$1,263,769	\$0		\$29,650,769		
PROJECT: Duck Creek - Jones Boulevard											
	Design/Admin	DCJB 0000, 0020,0043	RTC Project	\$1,347,940		\$121,901		8/21/2020	\$321,805	YES	CLA38E20
	Right-of-way			\$1,076,350	\$3,680,769						
	Construction			\$6,739,670			\$3,328,844	8/21/2020	\$3,328,844	YES	CLA38E20
PROJECT: Silverado Ranch Detention Basin and Outfall Facilities											
	Design/Admin	BD02 0125 thru 0312, 0350 thru 0404, DCW4 0000,0001	Design Started 13/14	\$2,861,730		\$2,876,255		3/12/2020	\$2,876,255	YES	CLA38B20
	Right-of-way		CLADBS13	\$2,289,380	\$28,000,000						
	Construction		Eng. Est.	\$14,308,820			\$23,120,745	3/12/2020	\$23,120,745	YES	CLA38B20
PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar											
	Design/Admin	BD02 0334	RTC Project			\$500,000					
	Right-of-way			No Design	\$3,800,000						
	Construction						\$3,000,000				
PROJECT: Blue Diamond Wash Railroad											
	Design/Admin	BDW6 0028		\$876,400			\$541,615				
	Right-of-way			\$701,120	\$6,880,307		\$722,154				
	Construction			\$4,362,000							
SYSTEM: Lower Duck Creek		\$176,428,900	\$39,736,410	\$24,801,314	\$0	\$2,261,410	\$0		\$0		
PROJECT: Duck Creek, Sunset Park											
	Design/Admin	DCBP 0000, 0118		\$3,659,240			\$2,261,410				
	Design/Admin			\$2,927,390	\$24,801,314						
	Construction			\$18,298,170							
SYSTEM: Central Duck Creek		\$135,598,900	\$124,433,390	\$5,051,894	\$5,051,894	\$0	\$0		\$5,051,894		
PROJECT: Duck Creek Las Vegas Boulevard											
	Design/Admin	DOLV 0000 thru 0089	Split with SID	\$1,278,400							
	Right-of-way			Design Started 13/14	\$1,022,720	(\$418,523)					
	CLOSEOUT		Construction	CLAD8R13	\$6,392,000		(\$418,523)	2/13/2020	(\$418,523)	YES	CLA08T14
PROJECT: Duck Creek Haven Street											
	Design/Admin	DCHV 0028, 0080, 0087	RTC Project	\$641,440		\$473,000		4/9/2020	\$422,000	YES	CLA38D20
	Design/Admin		CLA38C20	\$513,150	\$6,470,417		\$354,000	3/12/2020	\$354,000	YES	CLA38C20
	Construction			\$3,207,210			\$4,694,417	4/9/2020	\$4,694,417	YES	CLA38D20

EXHIBIT C

**CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
Amended May 21, 2020**

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024								
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22	Board Date	Amount	Amendment?	Project No.		
TOTAL PLAN				\$899,655,079	\$253,190,812	\$42,078,140	\$45,835,298						
Unencumbered from previous year	(\$14,197,230)			\$887,129,406	\$89,198,628	\$50,074,958	\$47,091,288						
ENTITY RESOURCES				\$293,042,389	\$108,538,019	\$11,878,071	\$12,854,583						
Unencumbered from previous year	\$35,082,385				\$28,074,980	\$22,980,727	\$28,895,811						
ENTITY TOTAL				\$1,532,456,175	\$652,450,607	\$300,713,860	\$80,483,039	\$14,992,324	\$8,919,479				
Funding Requests 19/20													
Board Date													
Amount													
Amendment?													
Project No.													
HYDROGRAPHIC BASIN: Outlying Areas		\$70,441,216	\$186,768,797	\$68,119,885	\$13,915,963	\$895,686	\$2,670,013					\$102,761	
SYSTEM: Goodsprings		\$64,849	\$2,701,170	\$993,948	\$993,948	\$0	\$0					\$0	
PROJECT: Goodsprings - Phase I													
Design/Admin	GSEA 0000		Design Started 09/10	\$81,455			\$40,715						
Right-of-way	GSPA 0027 & 0029		GSP01B10	\$55,810	\$993,948		\$74,454						
Construction	GSRV 0018			\$663,904			\$870,779						
SYSTEM: Muddy River & Tributaries		\$25,323,000	\$118,662,000	\$46,722,856	\$10,947,166	\$0	\$2,570,013					(\$290,512)	
PROJECT: Fairgrounds - Detention Basin (Whipple Street)													
Design/Admin	FGWB 0000, 0078, 0108		Design Started 10/11	\$1,197,000			\$809,852						
Right-of-way			MOA03A11	\$0	\$11,237,978								
Construction				\$8,344,000			\$10,827,828						
PROJECT: Muddy River Logandale Levee													
Design/Admin			Design Started 09/10	\$482,000									
Right-of-way	MRLL 0001, 0013, 0038		MOA01F10	\$0	(\$280,612)								
Construction				\$2,651,000									
PROJECT: Muddy River - Cooper to Yamashita													
Design/Admin			Design Started 09/09	\$1,287,000							\$1,027,241		
Right-of-way	MRLV 0305 thru 0506		MOA01B89	\$1,141,713	\$18,982,827						\$1,542,771		
Construction				\$9,281,000									
PROJECT: Ryan Avenue to Lewis													
Design/Admin	MRLV 0108, 0240, 0298, 0278		Design Started 09/09	\$1,395,000									
Right-of-way			MOA01B89	\$0	\$18,782,782								
Construction				\$9,978,000									
SYSTEM: Mount Charleston		\$304,564	\$894,337	\$1,498,459	\$0	\$0	\$0					\$0	
PROJECT: Rainbow Canyon Boulevard Bridge													
Design/Admin				\$118,849									
Right-of-way	MTCH 0001			\$0	\$1,498,459								
Construction				\$775,488									
SYSTEM: Laughlin		\$33,124,938	\$58,328,851	\$15,598,062	\$0	\$159,081	\$0					\$0	
PROJECT: Bridge Canyon Detention Basin													
Design/Admin				\$1,110,088									
Right-of-way	LUH8 0418, 0416, 0417			\$0	\$13,803,122								
Construction				\$6,989,201									
PROJECT: Hiko Detention Basin Expansion													
Design/Admin				\$193,302			\$0	\$159,081					Moved
Right-of-way	LUH8 0244			\$0	\$2,082,880								
Construction				\$1,212,988									Moved
SYSTEM: Searchlight		\$1,411,509	\$3,224,834	\$2,727,075	\$393,272	\$736,504	\$0					\$393,272	
PROJECT: Searchlight - South, Encinitas St. Storm Drain													
CLOSEOUT			Design Started 09/10	\$173,481			(\$106,728)						
Right-of-way	SR90 0000, 0010, 0021, 0030		SEA03A09	\$0	(\$108,728)								
Construction				\$1,240,394									
PROJECT: Searchlight - West - State Hwy 164													
Design/Admin			Design Started 19/20	\$94,709			\$495,000	\$39,020					
Right-of-way	SRWE 0001, 0005 & 0023		SEA02B19	\$0	\$1,236,604		\$5,000						
Construction				\$677,189			\$897,484						
PROJECT: Searchlight - West													
Design/Admin	SRWE 0040, 0088, 0091			\$127,721									
Right-of-way				\$0	\$1,097,298								
Construction				\$911,357									
SYSTEM: Bunkerville		\$10,212,354	\$2,958,606	\$1,581,566	\$1,581,566	\$0	\$0					\$0	
PROJECT: Jess Waite Wash Diversion Dike													
Design/Admin			Design Started 10/11	\$70,187			\$29,776						
Design/Admin	JEWA 0188		BUND1D11	\$0	\$1,881,888								
Construction				\$1,462,711			\$1,551,790						

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

DISCUSSION AND POSSIBLE ACTION TO APPROVE THE PRIORITIZATION OF PROJECTS, TEN-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 2020-2021 PROJECT LIST

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

RECEIVE INFORMATION FOR THE DEVELOPMENT OF THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 2020-2021 PROJECT LIST AND TAKE ANY ACTION DEEMED APPROPRIATE (FOR POSSIBLE ACTION)

FISCAL IMPACT: Approval does not commit the District to provide funding. Funding will be committed by interlocal contract in accordance with District Policies and Procedures.

BACKGROUND: The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 13, 2019, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2019-2020 Project List.

The District has utilized a third party financial advisor to provide growth estimates of future revenue and inflation. The TYCP incorporates these economic growth estimates. Based on actual sales tax receipts through January 2020, original projected sales tax revenues for fiscal year 2019-20 of \$111,900,000 have been revised downward by 9.5% to \$101,311,500. The TYCP also includes inflation factors developed by District staff to account for increases in construction, design and right-of-way costs over time.

TAC AGENDA ITEM #06 Date: 04/30/2020	RFCD AGENDA ITEM # Date: 05/21/2020
CAC AGENDA ITEM #06 Date: 04/30/2020	

In 2018 master plan updates (MPU's) were completed for the Las Vegas Valley and Boulder City planning areas. Project and facility cost data were updated to reflect the most current construction costs available. The updated cost data was included in the 2018 MPU's and will be incorporated into the FY 2020-21 TYCP. Note below, that additional inflation is not applied to Yr-1 of the FY 2020-21 TYCP.

The following revenue growth projections and inflation factors are incorporated into the TYCP:

	FY 19/20	FY 20/21 Yr-1	FY 21/22 Yr-2	FY 22/23 3 Yr-3	FY 23/24 Yr-4	FY 24/25 Yr-5	FY 25/26 Yr-6	FY 26/27 Yr-7	FY 27/28 Yr-8	FY 28/29 Yr-9	FY 29/30 Yr-10
Revenue	Base	4.0%	3.25%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Inflation	Previous	0%	1.0%	2.0%	2.0%	2.0%	3.0%	3.0%	3.0%	3.0%	3.0%

Total estimated new resources for the FY 2020-21 TYCP are \$805,452,191, which is a 10.5% decrease from estimated resources for the FY 2019-20 TYCP of \$899,655,079. In addition to using sales tax revenues to fund projects, the District uses debt financing to expedite the construction of projects. In fiscal year 2020-21, \$85.0 million in bonds are programmed and in fiscal years 2023-24, 2026-27 and 2029-30, \$100.0 million are programmed. Total estimated resources including unencumbered resources from previous years for the FY 2020-21 TYCP are approximately \$691.2 million or 24.4% less from the total estimated resources for the FY 2019-20 TYCP of \$913.9 million. Year-1 resources for FY 2020-21 are approximately \$159.2 million.

Every five years the Las Vegas Valley Master Plan is updated in accordance with NRS 543. Estimated costs of proposed facilities on the master plan are reviewed and revised as necessary to reflect current economic conditions. The most recent update was adopted by Board of Directors on January 10, 2019. Upon adoption of the Las Vegas Valley Master Plan Update (LVVMPU), calculations are performed utilizing the estimated costs of proposed facilities from all of the master plans to determine the percentage of available revenue for each entity to program against in the TYCP.

The percentage calculations use the cost of master plan facilities remaining to be built for each entity divided by the total cost for all of the facilities remaining to be built. By doing this, the entities with the largest inventory of facilities remaining to be built will get a larger prorated share of the revenues to program against. The calculated percentages are as follows: Henderson 7.12%; Las Vegas 36.14%; North Las Vegas 24.22%; Clark County 28.23%; Boulder City 1.61% and Mesquite 2.68%.

TAC AGENDA ITEM #06 Date: 04/30/2020	RFCD AGENDA ITEM # Date: 05/21/2020
CAC AGENDA ITEM #06 Date: 04/30/2020	

The following exhibits are attached:

Memorandum dated March 26, 2020 – Details recommendations for cost inflation factors.

Exhibit A – Programming Percentages. This exhibit reflects proportionate shares by planning area and programming entity based on District revenues spent and the estimated cost of remaining facilities as of adoption of the 2018 Las Vegas Valley MPU.

Exhibit B – Project Prioritization. This is the project priority calculation sheet submitted by the entities for FY 2019-20. New project descriptions and ID-Mile groups are required if new projects are proposed.

Exhibit C – Current Ten-Year Construction Program. This exhibit is based on the current Ten-Year Construction Program with modifications to reflect amendments to the program over the past year and funding encumbered by interlocal contract (black with white text) as of March TAC/April Board 2020.

A draft TYCP will be presented to the TAC on May 28, 2020 and the Board of Directors on June 11, 2020. Entity drafts should be forwarded to the District for review, coordination and final compilation no later than Monday, April 20, 2020. Electronic copies and instructions for completing a draft TYCP for FY 2020-2021 have been distributed to each entity for use in developing and coordinating their proposed TYCP input.

Respectfully submitted,



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

TAC AGENDA ITEM #06 Date: 04/30/2020	RFCD AGENDA ITEM # Date: 05/21/2020
CAC AGENDA ITEM #06 Date: 04/30/2020	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

RECEIVE INFORMATION FOR THE DEVELOPMENT OF THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM (TYCP) AND FISCAL YEAR 2020-2021 PROJECT LIST

The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 13, 2019, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2019-2020 Project List.

The District has utilized a third party financial advisor to provide growth estimates of future revenue and inflation. The TYCP incorporates these economic growth estimates. The TYCP also includes inflation and adjustment factors to account for increases in construction, design and right-of-way costs over time. The following revenue growth projections and inflation/adjustment factors are incorporated into the TYCP:

	FY 19/20	FY 20/21 Yr-1	FY 21/22 Yr-2	FY 22/23 3 Yr-3	FY 23/24 Yr-4	FY 24/25 Yr-5	FY 25/26 Yr-6	FY 26/27 Yr-7	FY 27/28 Yr-8	FY 28/29 Yr-9	FY 29/30 Yr-10
Revenue	Base	4.0%	3.25%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Inflation	Previous	0%	1.0%	2.0%	2.0%	2.0%	3.0%	3.0%	3.0%	3.0%	3.0%

Year-1 resources for FY 2020-21 are approximately \$159.2 million. Total estimated resources for the FY 2020-21 TYCP are approximately \$691.2 million.

Staff Recommendation:

Receive information for the development of the TYCP.

Discussion by Technical Advisory Committee:

AGENDA
#06 Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#06 Date: 04/30/2020

Recommendation:

MEMORANDUM

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



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

FROM: Todd Myers, P.E., Engineering Director

SUBJECT: Project Cost Indices Fiscal Year 2019/2020

DATE: March 26, 2020

NOTE: The research and information provided in this memo were compiled prior to the progression of the COVID 19 virus outbreak. The economic impacts of COVID-19 in Southern Nevada are unknown at this time but we expect to see some volatility in the months to come. While this will likely affect the economy in the foreseeable future we will continue to monitor the dynamics and adjust accordingly.

Included in this memorandum are recommendations for project cost indices for use in forward planning for the Fiscal Year (FY) 2020/21 Ten Year Construction Program.

Project Cost Index: The following table shows recommendations for project cost indices from the previous year, along with the new recommended cost indices for next fiscal year and beyond. The proposed indices will be used for construction, design and right-of-way. Facility costs are evaluated every five years with the update to the master plan for the facilities. The indices are developed each year to adjust the costs estimated during the master plan update (MPU) process. The 2018 Las Vegas Valley Master Plan was updated and adopted by Board in January 2019. New facility costs were established with the update. The inflation factors presented in this memo will adjust the base line established in the 2018 MPU to account for anticipated adjustments needed based on forecasts of future economic conditions. Based on information provided in this memo, as of December 2019 the local economy appears to be stable. New home sales have shown a year over year increase, and the residential and commercial market is expected to continue to grow in 2020. The construction cost index for flood control facilities continues to show an upward trend in capital costs, but appears to have flattened out in the past three years. Taking the COVID 19 crisis into account, and the unknown impacts to the National and Local economies, District staff recommends revising the project cost index for FY 20/21 to 0%, FY 21/22 to 1%. FY 22/23, FY 23/24, and FY 24/25 to 2%, and 3% for the out years for the reasons noted above, and outlined in this memo.

Fiscal Year	Previous Project Indices	Proposed Project Indices
FY 19/20	0%	-
FY 20/21	3%	0%
FY 21/22	3%	1%
FY 22/23	3%	2%
FY 23/24	3%	2%
FY 24/25	3%	2%
Out Years	3%	3%



Background Information

General Information

The local economy continued to show steady growth over the 2019 calendar year. The Greater Las Vegas Association of Realtors (GLVAR) reported the 2019 housing market was stable and sustainable¹, statewide unemployment dropped to 3.7%, consistent year to year growth in taxable sales (4.8% increase as of November 2019)² and healthy tourism numbers indicate stable economic growth in southern Nevada.

Major Economic Indicators (National)

- Consumer Price Index (CPI): The all items CPI rose 2.5% over the last 12 months ending in January 2020 indicating a slightly higher cost for goods and services in 2019.
- Producer Price Index (PPI): The PPI is a group of indices that measures the average change over time in prices received by producers for domestically produced goods, services and construction. The PPI index for final demand increased 1.3% for the 12 months ending in February 2020.
- Employment Cost Index: Over the year ending in December 2019:
 - Private Industry: Wages and salaries are up 3.0%; benefits rose 1.9%.
 - State and Local: Wages and salaries are up 2.5%; benefits rose 3.3%.

Unemployment

Statewide in Nevada the seasonally adjusted unemployment rate through December 2019 was 3.7%, which is down from 4.4% from the same time last year and the lowest rate since 1976 according to the Nevada Department of Employment, Training and Rehabilitation. In Clark County, the unemployment rate was 3.5%, down from 4.5% reported last year. Construction jobs in the Las Vegas area increased by 14.2% in 2019. Nationally, the seasonally adjusted unemployment rate was 3.5% through December 2019.³

Local Economy

Year to date visitor volume for Las Vegas increased by 1% from the previous year through December 2019. Las Vegas hosted approximately 42.5 million visitors in 2019, which was up from 42.1 million in 2018. Las Vegas experienced record annual convention attendance of approximately 6.6 million attendees, an increase of 2.3% over 2018. Passenger traffic at the airport rose 3.8% and vehicular traffic on all major highways was up 1% over the same time last year. Gaming revenues for Clark County increased 1% in 2019. Year to date, the occupancy rate citywide was 88.9% through

¹ GLVAR housing statistics for January 2020

² Nevada Department of Taxation

³ U.S. Department of Labor; Bureau of Labor Statistics, December 2019

December 2019, which is a slight increase from 88.2% a year ago. Additionally, the average daily room rates rose 2.9% through December 2019 compared to the same period in 2018⁴. These results indicate continued steady growth of tourism in Southern Nevada.

Residential Construction

SalesTraq reported that as of January 2020, a 12-month total of 9,920 new home sales were closed in the Las Vegas Valley, up 0.6% from the same time last year. The median price of \$366,046 represents a 4.2% decrease from January 2019. The decrease likely resulting from additional new home inventory hitting the market. Through the 12-month period 10,656 new home permits were issued, which is year-over-year decrease of 2.2%. Figure 1 shows data obtained from the Southern Nevada Home Builders and the Salestraq websites that presents the number of new homes sold through 2019 versus the median new home price.



Figure 1 - Data obtained from www.snhba.com (1990-2011) and www.salestraq.com (2012-2019)⁵

GLVAR President Tom Blanchard describes the local housing market as “stable and sustainable” in the December 2019 housing statistics report. GLVAR reported that 41,269 existing local properties sold during the 2019 calendar year. This is down from 42,876 sales in 2018 and from 45,388 in 2017. Local home prices ended 2019 with a \$312,990 median price for existing single-family homes, up 6.0% from a year ago.

⁴LVCVA Year End Summary for 2019 and Las Vegas Tourism Construction Bulletin

⁵www.salestraq.com and www.snhba.com

GLVAR reported that the number of distressed sales are near historically low levels. Short sales and foreclosures combined to account for just 1.8% of all existing local home sales in December 2019. This is down from 2.9% a year ago, 3.6% two years ago, and 11% three years ago.

The local housing inventory ended the year with a supply of a little over two months; a 6-month supply is considered a balanced market.

Freddie Mac reported that the average 30-year fixed-rate mortgage hit a record low of 3.29% the week of March 5, 2020, the lowest level in its nearly 50-year history. Meanwhile, mortgage applications increased 10 percent the same week from one year ago.

Commercial Construction

Southern Nevada's office market had 441,637 square feet of net absorption in 2019, a significant decrease from approximately 1.2 million square feet of absorption in 2018⁵. Office space vacancy rate through the fourth quarter of 2019 dropped to 12.4%, the lowest since 2007. However, office space available for sublease in Southern Nevada increased from 420,198 square feet in the 4th quarter of 2018 to 758,636 square feet in the 4th quarter of 2019. Increases in available sublease space can be a precursor to bigger problems in the office market. Nearly doubling the available sublease space over the past year is a concern. As of January 2020, there are 16 office developments under construction, ranging from 4,200 to 300,000 square feet, with over 700,000 square feet of office space scheduled for completion in 2020⁶. Although net absorption was weaker in 2019 than 2018, and there is concern over the sublease vacancy, 2019 performed well overall. Vacancy continued to decrease, and asking rates are on the rise.

Arguably the biggest story impacting the industrial market in 2019 was the third-quarter purchase of the 913-acre former Faraday Future site by Canadian-based firm H&R REIT. Located in the Apex Industrial Park, H&R REIT plans to begin construction on the site "immediately". Combined with the North Las Vegas Planning Commission approval of plans of industrial gas supplier Air Liquide for a \$150 million liquid nitrogen production plant, and an ongoing 12-mile waterline project scheduled to be completed in 2020, the North Las Vegas submarket inventory has potential to explode with new projects.⁷ There are currently more than 5.5 million square feet of industrial space under construction, and close to the same amount scheduled to be constructed in the Las Vegas Valley in 2020 and 2021. The majority of development is in the North Las Vegas submarket, though inventory is rapidly increasing in the Southwest submarket, west of I-15 and south of the 215 Beltway, as well. It is expected the friendly Nevada tax climate, notable tenants, and the ample space available for new tenants will continue to pull investors into Southern Nevada.

⁵Research & Forecast Report – Las Vegas Q4 2019 – Colliers International

⁶Las Vegas Office Market Q4 2019 – Newmark Grubb Knight Frank

⁷Las Vegas Industrial Market Q4 2019 – Newmark Grubb Knight Frank



Architectural Billing Index (ABI)

Nationally, a good indicator of upcoming (nonresidential) construction is the architectural billing index. This index increases as the total dollar amount of billings from architectural firms increase. Generally, if the index is on the rise, construction starts will follow with a lag of about nine to twelve months. An index over 50 indicates an increase in billings.

The American Institute of Architects (AIA), reported that 2019 ended with architecture firms continuing to report strong billings. The December 2019 ABI score was 52.5, up slightly from 51.9 in November 2019. Looking regionally, the billing index in the West is at 54.0, the Midwest is at 51.9, the Northeast is at 44.0, and the South is at 52.2, which is generally encouraging with the exception of the Northeast which is reporting a decrease in design services⁸.

Construction Cost Indices

Rider Levett Bucknall (RLB). RLB reports for 4th quarter 2019 that the national construction cost index is 205.62, an increase of 5.2% over the 2018 index value of 195.48. This index is relative to a base of 100 set in April 2001. The 2019 Q4 report notes several warning signs contributing to economic uncertainty in the US and global markets. As reported, the 2019 federal budget deficit totaled \$984 billion, and the Treasury Department estimates it will surpass \$1 trillion in 2020; international developments, such as Brexit and volatility in the Middle East, will impact international markets as well as the domestic economy.⁹

RLB also tracks costs locally for 12 different major metropolitan areas including Las Vegas. The index tracks the true bid cost of construction, including labor, material, overhead costs and profit. The index for Las Vegas in October 2019 is 15,209, which is up (4.87%) from the October 2018 value of 14,503. The index has shown a steady upward climb from early 2012 to date⁹.

Engineering News Record (ENR). ENR provides a weighted aggregate index of the prices of constant quantities of structural steel, Portland cement, lumber and common labor. The base of the index is 100 set in 1913. They use data from 20 major metropolitan areas to compile their index. The index at the end of December 2019 is 11,381, which is 1.8% higher than the index value of 11,180 for December 2018. Richard Branch, chief economist at Dodge Data & Analytics, reports that "Through 11 months of 2019, construction starts continue to show signs of pulling back following nine years of growth".¹⁰

Regional Flood Control District (RFCD). The RFCD Construction Cost Index (CCI) tracks winning bids for three major types of flood control structures: concrete box culvert, concrete pipe and concrete channels. These facilities were chosen since they are the prevalent types of structures constructed with District funds. The base of the index is 100 set in FY 04/05. The index for FY 19/20 is 183, which is a 2% increase from the index in FY 18/19 of 179. The general trend of the CCI shows costs have steadily increased since bottoming out in FY 10/11. However, the trend appears to be flattening over the past three years.

⁸The American Institute of Architects, December 2019

⁹Rider Levett Bucknall – Quarterly Construction Cost Report, October 1, 2019

¹⁰ENR December 20, 2019

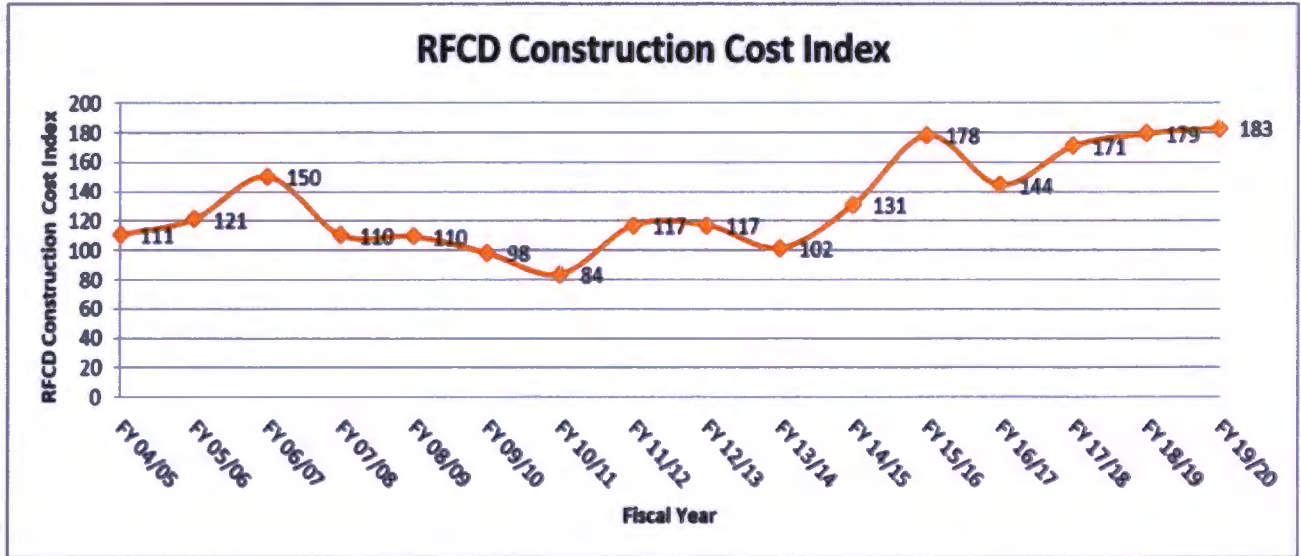


Figure 2 – RFCD Construction Cost Index.

Figure 3 is a comparison between the average number of bidders per project versus the difference between the engineer’s estimate and the actual bid amount. Through March 2020, winning bid amounts averaged 12.9% below the engineer’s estimate. The average number of bidders increased to 8 bidders per project through the third quarter of FY 19/20. This average is trending up from a low of 5 bidders per project in FY 15/16, but well below the highest average number of bidders of 17.1 posted in FY 09/10. Historically bid prices tend to trend upward as the number of bidders decreases due to reduced competition among contractors making those bids.

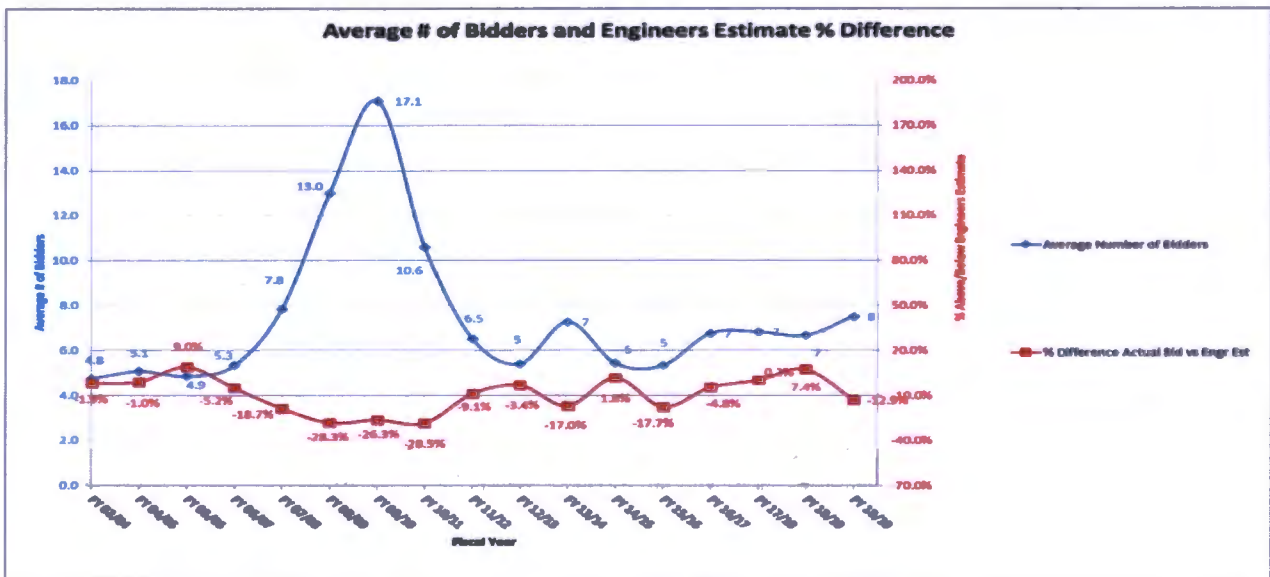


Figure 3 – Average # Bidders vs Estimated Costs - data obtained from RFCD bid results.



Summary

Although there are some indicators of slowing, Southern Nevada's economy through December of 2019 included strong employment and population growth, robust consumer spending, increased personal income and high taxable sales. The District anticipates a drop in revenues over the next several months. After which, the local economy should start to recover from the effects of the COVID-19 shut-down and start to move back towards an upward economic trend for Southern Nevada.

Cc: Jeanine Pitts-Dilworth, Administrative Services Director
Andrew Trelease, P.E., CFM, Assistant General Manager

EXHIBIT A

PROGRAMMING PERCENTAGES			2013 MPU
Planning Area	Current MPU Total Costs (a)	Percent of Total Planning Area	Previous Percentages
Henderson :			
C-1	\$20,504,200	0.88%	8.35%
Pittman	\$144,761,050	6.24%	
Sub-total	\$165,265,250	7.12%	
Las Vegas			
Central	\$507,779,660	21.88%	38.70%
Gowan	\$127,415,880	5.49%	
Upper Northern L V Wash	\$203,558,550	8.77%	
Sub-total	\$838,754,090	36.14%	
North Las Vegas			
Lower Northern L V Wash	\$182,748,946	7.87%	19.22%
Range	\$262,708,330	11.32%	
Lower L V Wash	\$40,638,540	1.75%	
Apex	\$76,028,740	3.28%	
Sub-total	\$562,124,556	24.22%	
Clark County			
Duck Cr/Blue Diamond	\$301,091,860	12.97%	29.62%
Tropicana/Flamingo	\$164,588,950	7.09%	
Outlying Areas	\$189,484,280	8.16%	
Sub-total	\$655,165,090	28.23%	
Boulder City :			
Boulder City	\$37,286,080	1.61%	1.95%
Sub-total	\$37,286,080	1.61%	
Mesquite :			
Mesquite	\$62,221,053	2.68%	2.16%
Sub-total	\$62,221,053	2.68%	
GRAND-TOTAL	\$2,320,816,120	100.00%	100.00%

Notes:

(a) Cost of remaining Category A facilities from applicable Master Plans as of 3/19/19

EXHIBIT B

Project Prioritization

											Priority Factor and Weight											
											Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority	
											5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5	Value	
CITY OF HENDERSON																						
HYDROGRAPHIC BASIN: PITTMAN																						
PROJECT: Galleria to Sunset																						
PTSU 0000, 0008, 0023, 0028, 0032											4	4	3	4	3	3	3	3	3	2	95.0	
											20.0	18.0	12.0	14.0	9.0	7.5	6.0	4.5	3.0	1.0		
PROJECT: Boulder Highway Crossing at Water Street																						
PTPA 0285, 0286											4	3	4	3	3	4	3	3	3	3	94.0	
											20.0	13.5	16.0	10.5	9.0	10.0	6.0	4.5	3.0	1.5		
PROJECT: Whitney Ranch Channel Replacement Project																						
WWDC 0001, 0018, 0031, 0034, 0053, 0056											4	3	4	2	3	4	3	3	4	3	91.5	
											20.0	13.5	16.0	7.0	9.0	10.0	6.0	4.5	4.0	1.5		
PROJECT: Whitney Ranch Channel Replacement Project, Phase II																						
WWDC 0070											4	3	4	2	3	4	3	3	4	3	91.5	
											20.0	13.5	16.0	7.0	9.0	10.0	6.0	4.5	4.0	1.5		
PROJECT: Pittman Sunset, Burns to Foster																						
PTBH 0000, 0014, 0015, PTSU 0034, 0037, 0067, 0069											4	3	4	2	3	4	3	3	3	3	90.5	
											20.0	13.5	16.0	7.0	9.0	10.0	6.0	4.5	3.0	1.5		
PROJECT: Southwest Pittman Detention Basin																						
PTSD 0233, 0234											3	4	3	3	3	2	4	3	2	2	85.0	
											15.0	18.0	12.0	10.5	9.0	5.0	8.0	4.5	2.0	1.0		
PROJECT: Southeast Pittman Detention Basin																						
PTBE 0062, 0063, 0064, PTSO 0000											3	4	3	3	3	2	4	2	3	2	84.5	
											15.0	18.0	12.0	10.5	9.0	5.0	8.0	3.0	3.0	1.0		
PROJECT: Pittman Gillespie																						
PTGL 0001, 0011											3	3	3	3	3	2	3	2	3	3	78.5	
											15.0	13.5	12.0	10.5	9.0	5.0	6.0	3.0	3.0	1.5		
PROJECT: Pittman Wash South Phase 1 - Pittman North Detention Basin to Larson Lane																						
PTSD 0016, 0017, 0043											3	3	3	3	2	3	3	2	2	3	77.0	
											15.0	13.5	12.0	10.5	6.0	7.5	6.0	3.0	2.0	1.5		
PROJECT: Pittman Wash South Phase 2 - Larson Lane to Roban Street																						
PTSD 0044, 0070, 0071											3	3	2	3	2	3	3	2	2	3	73.0	
											15.0	13.5	8.0	10.5	6.0	7.5	6.0	3.0	2.0	1.5		
HYDROGRAPHIC BASIN: C-1																						
PROJECT: Cadiz Storm Drain - Racetrack to Pueblo																						
C1CA 0000											4	3	3	3	3	3	3	3	3	2	87.0	
											20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.0		

EXHIBIT B

Project Prioritization

Priority Factor and Weight											Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M		
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		

CITY OF LAS VEGAS

HYDROGRAPHIC BASIN: CENTRAL

PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System											
FLBN 0170, 0180, 0205, 0275, 0280 & FLMP 0000, 0013, 0042, 0068	4	4	3	3	3	3	2	3	3	3	90.0
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	4.5	3.0	1.5	
PROJECT: Lake Mead - Carey - Lake Mead Detention Basin Outfall											
LVLN 0221	4	4	3	3	3	3	2	3	3	2	89.5
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	4.5	3.0	1.0	
PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland											
FLBN 0281, 0312	4	4	3	3	3	3	2	3	1	2	87.5
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	4.5	1.0	1.0	
PROJECT: Las Vegas Wash - Stewart to Bonanza											
LVMD 1121 & 1149	4	4	3	3	3	3	2	2	1	2	86.0
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	3.0	1.0	1.0	
PROJECT: Owens Avenue System - Vegas, Shadow Mountain to Jones											
LVOW 0360	4	4	3	3	3	2	2	3	1	3	85.5
	20.0	18.0	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5	
PROJECT: Las Vegas Wash - Stewart, Las Vegas Wash to Lamb											
LVST 0000	4	3	3	3	3	2	3	3	2	3	84.0
	20.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	2.0	1.5	
PROJECT: Meadows - Charleston, Essex to Lindell											
MECN 0000, 0061	4	3	3	3	3	2	2	3	2	2	81.5
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	2.0	1.0	
PROJECT: Freeway Channel - Washington, Rancho to Valley View											
LV15 0528	4	3	3	2	3	3	2	3	2	1	80.0
	20.0	13.5	12.0	7.0	9.0	7.5	4.0	4.5	2.0	0.5	
PROJECT: Meadows - Charleston, Lindell to Rainbow											
MECN 0123, 0223	3	3	3	3	3	3	2	3	2	2	79.0
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	2.0	1.0	
PROJECT: Owens Avenue East - LV Wash to Eastern											
LVOE 0000, 0085	4	3	3	3	3	2	1	2	2	2	78.0
	20.0	13.5	12.0	10.5	9.0	5.0	2.0	3.0	2.0	1.0	
PROJECT: Freeway Channel - Washington, Valley View to Michael Way											
LV15 0802	4	3	3	2	2	2	2	3	3	2	76.0
	20.0	13.5	12.0	7.0	6.0	5.0	4.0	4.5	3.0	1.0	
PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy.											
BHSA 0000, 0028	3	3	4	3	2	2	2	2	1	2	76.0
	15.0	13.5	16.0	10.5	6.0	5.0	4.0	3.0	1.0	1.0	
PROJECT: Sahara Avenue - Eastern Lateral											
SAEA 0000	3	3	3	2	3	2	2	3	1	3	72.5
	15.0	13.5	12.0	7.0	9.0	5.0	4.0	4.5	1.0	1.5	
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern											
BHSA 0075	3	3	3	3	3	2	2	3	1	1	75.0
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	0.5	
PROJECT: Las Vegas Wash - Cedar Channel/Bonanza - Las Vegas Wash to Lamb											
LVBZ 0000, CACH 0001, 0020	3	3	3	3	3	2	2	3	1	1	76.0
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	0.5	

HYDROGRAPHIC BASIN: GOWAN

PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street											
GOOF 0275, 0285, 0325, 0375	4	4	3	3	3	3	3	2	3	2	90.0
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	3.0	3.0	1.0	
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial											
GOEC 0100, 0128, 0152, 0176	4	3	3	3	3	3	3	3	3	2	87.0
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.0	
PROJECT: Gowan - Alexander Rd., Rancho to Decatur											
GOAL 0000, 0056	4	4	3	3	2	3	3	4	1	1	87.5
	20.0	18.0	12.0	10.5	6.0	7.5	6.0	6.0	1.0	0.5	
PROJECT: Gowan - Rancho, Craig to Alexander and Alexander Branch											
GOAL 0100, 0111, GOA2 0000	4	4	3	3	3	3	3	3	2	2	89.5
	19.0	18.0	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.0	
PROJECT: Gowan - Craig and US-95											
GOAL 0168, 0247	4	3	3	3	3	3	3	3	1	2	86.0
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	1.0	1.0	
PROJECT: Gowan Box Canyon - Lone Mountain Road											
GOBX 0015	3	3	2	3	2	3	3	4	3	2	76.5
	15.0	13.5	8.0	10.5	6.0	7.5	6.0	6.0	3.0	1.0	
PROJECT: Gowan Outfall - Clayton Branch											
GOCL 0000	3	2	2	3	2	3	3	4	3	2	72.0
	15.0	9.0	8.0	10.5	6.0	7.5	6.0	6.0	3.0	1.0	

HYDROGRAPHIC BASIN: UPPER NORTHERN LAS VEGAS WASH

PROJECT: Brent Drainage System - Durango to El Capitan											
BRDB 0107, 0157	3	3	3	3	3	3	3	3	1	3	80.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	1.0	1.5	

EXHIBIT B

Project Prioritization

												Priority Factor and Weight											
												Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority	
												5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5	Value	
CITY OF NORTH LAS VEGAS																							
HYDROGRAPHIC BASIN: LOWER NORTHERN LAS VEGAS WASH																							
PROJECT: Las Vegas Wash Cartier Channel																							
LVCC 0000, 0030, 0035												4	4	3	3	2	2	2	2	2	2	2	81.5
												20.0	18.0	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.0		
PROJECT: North Las Vegas Detention Basin Upgrade																							
LVUP 0406												4	3	3	3	2	2	2	2	2	2	2	77.0
												20.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.0		
PROJECT: Lake Mead Drain to Las Vegas Wash																							
LVLE 0000, 0047												3	3	3	3	3	2	2	2	2	2	2	76.0
												15.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0		
PROJECT: Las Vegas Boulevard Drain																							
LVLV 0000												3	3	3	3	2	2	2	2	2	3	2	72.5
												15.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.5		
HYDROGRAPHIC BASIN: RANGE																							
PROJECT: Vandenberg North Detention Basin, Collection & Outfall - Phase 2																							
RWWE 0352, 0397, 0406, 0407, 0409, 0422, 0428, 0439, 0454												3	4	3	3	3	3	3	4	3	2	2	88.0
												15.0	18.0	12.0	10.5	9.0	7.5	6.0	6.0	3.0	1.0		
PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin																							
RWHW 0300, 0355, 0369, 0410												3	3	4	4	3	2	3	3	3	2	2	87.0
												15.0	13.5	16.0	14.0	9.0	5.0	6.0	4.5	3.0	1.0		
PROJECT: Range Wash - Ann Branch, Phase 2																							
RWAN 0001, 0050												4	3	3	2	3	3	3	3	3	3	3	84.0
												20.0	13.5	12.0	7.0	9.0	7.5	6.0	4.5	3.0	1.5		
PROJECT: Jim McGaughey (Formerly Owens) Detention Basin & Outfall																							
SLWA 0130 thru 0175 & SLOW 0000, 0005												4	3	3	3	4	2	2	2	2	2	2	83.0
												20.0	13.5	12.0	10.5	12.0	5.0	4.0	3.0	2.0	1.0		
PROJECT: Orchard Collector - Charleston to Linden																							
SLOR 0158												3	3	3	3	4	3	2	3	2	2	2	82.0
												15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0		
PROJECT: Range Wash - Sloan Channel, Stewart Bridge																							
RWSL 0187												3	3	3	3	3	3	3	2	2	2	2	79.5
												15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	2.0	1.0		
PROJECT: Beltway Collection System - Pecos																							
RWWE 0500 & RWBW 0011, 0013												3	3	3	3	3	3	2	3	2	2	2	79.0
												15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	2.0	1.0		
PROJECT: Range Wash - Beltway Conveyance																							
RWBW 0035-0083, RWWE 0518 - 0550												3	3	3	3	3	3	2	2	2	2	2	77.5
												15.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	2.0	1.0		
PROJECT: Nellis Storm Drain - Sloan Channel to Craig																							
SLNL 0000, 0064												3	3	3	2	2	2	2	2	2	2	2	68.5
												15.0	13.5	12.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0		
PROJECT: Las Vegas Boulevard Storm Drain - Nellis to Range																							
SLLV 0000												3	3	3	2	2	2	2	2	2	1	1	68.0
												15.0	13.5	12.0	7.0	6.0	5.0	4.0	3.0	2.0	0.5		
PROJECT: Speedway North Detention Basin and Outfall																							
RWHW 0459, 0498, 0499, 0500												2	3	2	2	2	2	2	2	2	2	1	59.0
												10.0	13.5	8.0	7.0	6.0	5.0	4.0	3.0	2.0	0.5		
HYDROGRAPHIC BASIN: Apex																							
PROJECT: North Apex - System 1 Detention Basin and Outfall																							
NAP1 0000, 0002, 0009, 0152, 0153, 0154												3	3	3	3	2	2	2	2	2	2	2	72.0
												15.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.0		

EXHIBIT B

Project Prioritization

	Priority Factor and Weight										Priority Value
	Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	
	5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5	
CLARK COUNTY											
HYDROGRAPHIC BASIN: Tropicana/ Flamingo											
PROJECT: Airport Channel - Naples Channel and Peaking Basin											
TRMC 0013, 0014, 0031, 0033	4 20.0	3 13.5	3 12.0	3 10.5	4 12.0	3 7.5	3 6.0	2 3.0	2 2.0	1 0.5	87.0
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.											
FLWA 0893 & 0896	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	4 8.0	3 4.5	2 2.0	3 1.5	83.5
PROJECT: Wagon Trail Channel - Sunset to Teco											
WGTR 0111	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	2 2.0	3 1.5	81.5
PROJECT: Flamingo Wash - Maryland to Palos Verde											
FLWA 0821 & 0873	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	4 10.0	3 6.0	2 3.0	2 2.0	1 0.5	81.5
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy.											
LV01 0001, 0038, 0080, 0118	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	4 10.0	3 6.0	2 3.0	2 2.0	1 0.5	81.5
PROJECT: Tropicana Avenue Conveyance - Boulder Hwy. to Morris											
LV01 0135	3 15.0	3 13.5	3 12.0	3 10.5	2 6.0	3 7.5	3 6.0	2 3.0	1 1.0	2 1.0	76.5
PROJECT: Flamingo - Cimarron Branch											
FLCM 0003	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	2 5.0	3 6.0	2 3.0	3 3.0	2 1.0	74.0
PROJECT: Tropicana Avenue Conveyance, Morris to Mountain Vista											
LV01 0151, 0178	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	2 5.0	3 6.0	2 3.0	3 3.0	2 1.0	74.0
PROJECT: Flamingo Wash Maryland - UNLV											
FLMR 0000	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	2 5.0	3 6.0	2 3.0	2 2.0	1 0.5	72.5
PROJECT: Vegas Valley Drive - Flamingo Wash to Burnham											
VAVD 0000 & 0025	3 15.0	3 13.5	3 12.0	2 7.0	3 9.0	3 7.5	2 4.0	1 1.5	2 2.0	1 0.5	72.0
PROJECT: Blue Diamond - Buffalo Branch											
BDBF 0010, 0078, 0125	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	1 2.0	2 3.0	1 1.0	1 0.5	71.5
PROJECT: Las Vegas Wash - Christy											
LVCH 0037, 0114	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	2 2.0	1 0.5	70.5
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.											
LV02 0001 thru 0294	3 15.0	3 13.5	2 8.0	3 10.5	2 6.0	2 5.0	3 6.0	2 3.0	2 2.0	1 0.5	69.5
HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond											
PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar											
BD02 0334	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	4 10.0	3 6.0	4 6.0	3 3.0	2 1.0	91.0
PROJECT: Duck Creek Wash, Torrey Pines to Rainbow											
DCWA 1827	3 15.0	3 13.5	4 16.0	3 10.5	4 12.0	3 7.5	4 8.0	3 4.5	3 3.0	2 1.0	91.0
PROJECT: Duck Creek Jones Boulevard											
DCJB 0000, 0043	3 15.0	3 13.5	4 16.0	3 10.5	4 12.0	3 7.5	4 8.0	3 4.5	3 3.0	2 1.0	91.0
PROJECT: Duck Creek Haven Street											
DCHV 0028, 0050, 0057	3 15.0	3 13.5	4 16.0	3 10.5	4 12.0	3 7.5	4 8.0	3 4.5	3 3.0	2 1.0	91.0
PROJECT: Silverado Ranch Detention Basin and Outfall Facilities											
BD02 0125 thru 0312, 0359 and 0385	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	2 2.0	3 1.5	91.0
PROJECT: Blue Diamond Wash - Arville to I-15											
BDWA 0276	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	4 2.0	83.0
PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.											
DCBD 0075, 0082 & 0084	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	2 2.0	1 0.5	80.5
PROJECT: Duck Creek, Sunset Park											
DCSP 0000, 0115	4 20.0	3 13.5	3 12.0	3 10.5	2 6.0	2 5.0	2 4.0	3 4.5	3 3.0	2 1.0	79.5
PROJECT: Blue Diamond Channel, Amigo to Haven											
BDWA 0087 thru 0175	3 15.0	3 13.5	3 12.0	2 7.0	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	2 1.0	78.5
PROJECT: Blue Diamond Wash Railroad											
BDW5 0026	1 5.0	4 18.0	4 16.0	3 10.5	4 12.0	1 2.5	3 6.0	3 4.5	2 2.0	1 0.5	77.0

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM
Amended April 9, 2020

TOTAL PLAN	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024					SECOND FIVE YEARS 7/2024 THRU 6/2029							
				(Year 1) FY 1920	(Year 2) FY 2021	(Year 3) FY 2122	(Year 4) FY 2223	(Year 5) FY 2324	(Year 6) FY 2425	(Year 7) FY 2526	(Year 8) FY 2627	(Year 9) FY 2728	(Year 10) FY 2829			
TOTAL PLAN			\$899,655,079	\$283,190,812	\$42,078,140	\$46,638,208	\$49,128,044	\$145,882,830	\$49,883,810	\$84,012,827	\$88,288,684	\$168,644,180	\$60,242,086			
Unencumbered from previous year (\$14,187,230)				Annual Resources				Cumulative Available Resources								
				\$67,831,577	\$48,507,705	\$45,524,015	\$31,431,183	\$78,727,544	\$73,197,988	\$63,581,350	\$43,905,530	\$20,384,828	\$10,958,422			
ENTITY RESOURCES				\$7,041,713	\$2,998,241	\$3,242,581	\$3,498,284	\$10,388,888	\$3,550,778	\$3,848,252	\$4,151,448	\$11,083,418	\$4,289,838			
Unencumbered from previous year (\$10,987,997)				Annual Resources				Cumulative Available Resources								
				\$4,245,515	\$777,847	\$2,273,227	(\$12,637)	\$3,841,409	\$8,384,187	\$1,308,875	\$3,888,584	\$1,008,336	\$1,829,847			
ENTITY TOTAL				\$827,312,090	\$165,265,250	\$52,257,452	\$2,796,199	\$6,463,808	\$1,747,281	\$5,784,127	\$6,532,753	\$1,028,091	\$8,900,764	\$1,794,558	\$13,743,645	\$3,466,227
HYDROGRAPHIC BASIN: PITTMAN				\$627,839,190	\$144,781,080	\$49,438,770	\$2,796,199	\$6,463,808	\$1,747,281	\$5,784,127	\$6,532,753	\$1,028,091	\$8,548,309	\$1,794,558	\$13,743,645	\$0
SYSTEM: Pittman Burns				\$96,833,140	\$18,777,510	\$7,125,796	\$1,341,688	\$0	\$0	\$5,784,127	\$0	\$0	\$0	\$0	\$0	
PROJECT: Pittman Sunset, Galleria to Foster																
Design/Adm'n				PTSH 0000, 0014, 0018		\$980,240										
Right-of-way				PTSU 0034, 0037, 0067, 0088		\$784,190			\$428,454							
Construction				PTSU 0000, 0008, 0023, 0028, 0032		\$4,901,200				\$5,356,674						
PROJECT: Galleria to Sunset																
Design/Adm'n				PTBU 0008, 0008, 0023, 0008, 0082		\$587,510										
Right-of-way						\$478,000										
Construction						\$2,887,470										
Developer Participation								\$1,483,680								
PROJECT: Pittman, Horizon Ridge Detention Basin																
CLOSEOUT				PTHR 0140, 0808 thru 0208												
Design/Adm'n																
Right-of-way																
Construction																
Developer Design																
Design Started 09/10																
HENDERSON Eng. Est																
(\$737,880)																
(\$721,130)																
SYSTEM: Lower Pittman				\$196,101,500	\$38,938,280	\$6,211,088	\$0	\$6,463,808	\$1,747,281	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Whitney Ranch Channel Replacement Project																
Design/Adm'n				WWOC 0001, 0016, 0031, 0034, 0053, 0058		\$1,162,130			\$478,798							
Right-of-way						\$929,718										
Construction						\$5,810,890			\$5,885,011							
PROJECT: Whitney Ranch Channel Replacement Project, Phase II																
Design/Adm'n				WWOC 0070		\$305,000			\$128,430							
Right-of-way						\$244,000										
Construction						\$1,524,980			\$1,617,851							
SYSTEM: Pittman Pabco				\$581,310	\$5,492,940	\$1,454,530	\$1,454,530	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Pittman Pabco Boulder Highway Crossing																
Design/Adm'n				PTPA 0285, 0288		\$126,520			\$107,743							
Right-of-way						\$108,410										
Construction						\$877,980			\$1,146,797							
Developer Design																
SYSTEM: Upper Pittman				\$39,858,020	\$51,885,240	\$31,847,355	\$0	\$0	\$0	\$0	\$6,532,753	\$1,028,091	\$6,548,309	\$1,794,558	\$13,743,645	\$0
PROJECT: Southwest Pittman Detention Basin																
Design/Adm'n				PTSE 0082, 0083, 0084		\$1,325,780			\$0	\$495,283		\$833,211				
Right-of-way				PTSD 0080		\$1,080,800										
Construction						\$6,628,770					\$7,815,084					
PROJECT: Pittman Glenview																
Design/Adm'n				PTGL 0001, 0011		\$982,718					\$0	\$725,188	\$487,847			
Right-of-way						\$786,180										
Construction						\$4,913,530								\$5,224,313		
PROJECT: Pittman Wash South Phase 1 - Pittman North Detention Basin to Larson Lane																
Design/Adm'n				PTSD 0016, 0017, 0043		\$1,028,440					\$713,855		\$570,105			
Right-of-way						\$821,140					\$314,138					
Construction						\$5,132,170								\$6,501,278		
PROJECT: Pittman Wash South Phase 2- Larson Lane to Hoban Street																
Design/Adm'n				PTSD 0044, 0070, 0071		\$1,448,190						\$1,089,393				
Right-of-way						\$1,159,350										
Construction						\$7,245,930										
PROJECT: Southwest Pittman Detention Basin																
Design/Adm'n				PTSD 0233, 0234		\$927,550				\$417,568						
Right-of-way						\$743,040										
Construction						\$4,637,790								\$5,219,874		
PROJECT: C-1																
Design/Adm'n						\$481,950									\$256,750	
Right-of-way						\$383,570										
Construction						\$2,456,790									\$3,209,483	
HYDROGRAPHIC BASIN: C-1				\$199,872,940	\$20,504,200	\$3,818,682	\$0	\$0	\$0	\$0	\$0	\$0	\$352,458	\$0	\$0	\$3,466,227
SYSTEM: C-1				\$199,872,940	\$20,504,200	\$3,818,682	\$0	\$0	\$0	\$0	\$0	\$0	\$352,458	\$0	\$0	\$3,466,227
PROJECT: C-1 Storm Drain - Racetrack to Pueblo																
Design/Adm'n						\$481,950										
Right-of-way						\$383,570										
Construction						\$2,456,790										

EXHIBIT C

**CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
Amended April 9, 2020**

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPJ	Total Plan	FIRST FIVE YEARS 2/2019 THRU 6/2024					SECOND FIVE YEARS 7/2024 THRU 6/2029						
					(Year 1) FY 1920	(Year 2) FY 2021	(Year 3) FY 2122	(Year 4) FY 2223	(Year 5) FY 2324	(Year 6) FY 2425	(Year 7) FY 2526	(Year 8) FY 2627	(Year 9) FY 2728	(Year 10) FY 2829		
Annual Resources				\$899,655,079	\$283,190,812	\$42,079,140	\$45,535,206	\$48,156,044	\$148,882,830	\$49,803,510	\$64,815,827	\$68,298,084	\$166,844,160	\$60,242,096		
Unencumbered from previous year	(\$14,197,330)			\$888,696,657	\$67,831,577	\$48,907,705	\$45,524,015	\$31,431,183	\$78,777,544	\$73,197,968	\$63,961,266	\$43,905,536	\$20,364,828	\$10,958,422		
ENTIRE RESOURCES				\$302,319,382	\$62,553,144	\$19,208,510	\$18,496,842	\$17,754,380	\$92,715,527	\$18,020,912	\$19,520,466	\$21,089,424	\$56,250,547	\$21,771,783		
Unencumbered from previous year	(\$27,951,231)			\$298,543,842	\$18,957,733	\$3,722,184	\$2,098,839	\$1,496,782	\$17,957,788	\$23,132,426	\$11,949,233	\$4,966,892	\$11,331,965	\$3,775,540		
ENTITY TOTAL				\$1,372,662,650	\$838,754,090	\$298,543,842	\$44,595,411	\$30,442,068	\$18,082,188	\$18,354,745	\$36,254,021	\$12,846,271	\$30,703,691	\$28,061,796	\$49,875,414	\$29,326,238
HYDROGRAPHIC BASIN: CENTRAL				\$528,443,780	\$907,778,080	\$198,183,087	\$44,522,755	\$1,523,436	\$0	\$8,497,087	\$25,861,748	\$11,416,884	\$20,566,383	\$28,061,798	\$28,414,870	\$29,328,238
SYSTEM: LV Wash I-15 Tributary				\$148,473,570	\$89,965,660	\$23,523,260	\$100,000	\$474,004	\$0	\$4,375,674	\$964,282	\$6,126,049	\$0	\$9,483,271	\$0	
PROJECT: Freeway Channel - Washington, Valley View to Michael Way																
Design/Admn				\$1,386,330												
Right-of-way	LV16 0802			\$1,109,090	\$10,447,863											
Construction				\$8,931,850						\$864,282					\$702,465	
PROJECT: Freeway Channel - Washington, Rancho to Valley View																
Design/Admn				\$1,280,270												
Right-of-way	LV16 0830			\$1,008,210	\$9,877,118					\$551,087					\$601,831	
Construction				\$8,307,330											\$7,524,118	
PROJECT: Lake Mead - Carey - Lake Mead Detention Basin Outfall																
Design/Admn				\$20,780												
Design/Admn	LVMJ 0921	Design Started 18/20		\$18,630	\$218,613											
Construction		RE:V18A18		\$183,930						\$107,048						
PROJECT: Owens Avenue System - Vegas, Shadow Mountains to Jones																
Design/Admn				\$579,820												
Right-of-way	LVOV 0380			\$483,940	\$3,882,886					\$358,391					\$281,082	
Construction				\$7,899,860											\$3,263,526	
SYSTEM: LV Wash Central				\$369,949,500	\$221,782,930	\$68,395,748	\$0	\$1,049,432	\$0	\$893,095	\$21,488,073	\$8,527,379	\$12,131,280	\$25,308,490	\$0	\$0
PROJECT: Las Vegas Wash - Stewart to Bonanza																
Design/Admn				\$1,204,620												
Right-of-way	LVMJ 1121 & 1148	Design Started 11/12		\$853,690	\$7,321,386											
Construction		CLA15D12 / LAS79C12		\$623,110												
PROJECT: Meadows - Charleston, Essex to Lindell																
Design/Admn				\$1,382,180												
Right-of-way	MECN 0000, 0081			\$1,089,750	\$9,430,473											
Construction				\$8,110,820												
PROJECT: Meadows - Charleston, Lindell to Rainbow																
Design/Admn				\$1,881,440												
Right-of-way	MECN 0123, 0233			\$1,806,140	\$12,491,838											
Construction				\$9,407,180												
PROJECT: Las Vegas Wash - Stewart, Las Vegas Wash to Linnb																
Design/Admn				\$1,898,110												
Right-of-way	LVBV 0000			\$1,308,490	\$11,270,138											
Construction				\$8,490,570												
PROJECT: Owens Avenue East - LV Wash to Eastern																
Design/Admn				\$3,810,770												
Right-of-way	LVOE 0000, 0088			\$3,048,810	\$27,881,823											
Construction				\$16,293,810												
SYSTEM: Sahara Boulder Highway				\$6,020,710	\$196,030,870	\$105,274,068	\$44,422,755	\$0	\$0	\$7,603,992	\$0	\$1,825,023	\$309,054	\$2,753,306	\$16,931,699	\$29,328,238
PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy																
Design/Admn				\$2,787,570												
Right-of-way	BHBA 0000, 0038	Pre-Design Started 09/10		\$2,140,090	\$20,889,722											
Construction		LAS27A09		\$13,837,830												
PROJECT: Sahara Avenue - Eastern Lateral																
Design/Admn				\$431,380												
Right-of-way	B8EA 0000			\$345,100	\$3,348,446											
Construction				\$2,158,880												
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern																
Design/Admn				\$2,278,210												
Right-of-way	BHBA 0076			\$1,822,570	\$17,732,818											
Construction				\$1,381,080												
PROJECT: Flamingo - Boulder Hwy, North, Charleston - Main to Maryland																
Design/Admn				\$1,288,850												
Right-of-way	FLBN 0081, 0012	design start in 17/18		\$1,030,620	\$7,803,892											
Construction		LAS29C17		\$8,443,270												
PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Plwy System																
Design/Admn				\$2,882,180												
3rd Supplement	FLBN 0170, 0180, 0205, 0275, 0286 & FLMP 0000, 0013, 0042, 0068	Design started in 18/17		\$2,305,760	\$44,422,755											
Construction		LAS29C16		\$14,410,270												
PROJECT: Las Vegas Wash - Cedar Channel/Bonanza - Las Vegas Wash to Linnb																
Design/Admn				\$1,452,840												
Right-of-way	LVBZ 0000			\$1,182,350	\$11,269,228											
Construction	CMCH 0001, 0030			\$7,284,890												

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
Amended April 9, 2020

Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024					SECOND FIVE YEARS 7/2024 THRU 6/2029								
				(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22	(Year 4) FY 22/23	(Year 5) FY 23/24	(Year 6) FY 24/25	(Year 7) FY 25/26	(Year 8) FY 26/27	(Year 9) FY 27/28	(Year 10) FY 28/29				
TOTAL PLAN																	
Unencumbered from previous year (514,197,230)				Annual Resources	\$899,655,079	\$283,190,812	\$42,076,140	\$48,858,208	\$48,128,044	\$48,862,830	\$49,863,610	\$84,012,827	\$88,298,884	\$166,844,180	\$60,242,096		
				Cumulative Available Resources	\$888,696,657	\$67,831,577	\$48,507,705	\$45,524,015	\$31,431,183	\$78,727,544	\$73,197,968	\$63,581,355	\$43,905,530	\$20,264,826	\$10,958,422		
ENTITY RESOURCES				Annual Resources	\$302,319,382	\$63,563,144	\$15,208,519	\$16,456,642	\$17,754,388	\$52,719,527	\$18,020,812	\$19,520,495	\$21,089,424	\$56,250,547	\$21,771,783		
Unencumbered from previous year (827,951,231)				Cumulative Available Resources	\$302,319,382	\$18,957,733	\$3,722,184	\$2,096,638	\$1,498,282	\$17,897,788	\$23,132,428	\$11,848,233	\$4,958,882	\$1,331,986	\$3,775,540		
ENTITY TOTAL					\$1,372,662,650	\$836,754,090	\$298,543,842	\$44,595,411	\$30,442,068	\$18,082,188	\$18,354,745	\$36,254,021	\$12,846,271	\$30,703,691	\$28,061,796	\$49,075,414	\$29,328,238
HYDROGRAPHIC BASIN: GOWAN				\$447,882,180	\$127,415,880	\$90,434,871	(\$1,018,545)	\$28,918,832	\$18,082,188	\$1,030,785	\$10,392,273	\$1,429,587	\$10,137,308	\$0	\$21,480,443	\$0	
SYSTEM: Gowan North				\$273,309,150	\$128,944,520	\$90,434,871	(\$1,018,545)	\$28,918,832	\$18,082,188	\$1,030,785	\$10,392,273	\$1,429,587	\$10,137,308	\$0	\$21,480,443	\$0	
PROJECT: Gowan Box Canyon - Lone Mountain Road																	
Design/Admin				Design started in 15/18	\$1,081,840												
Right-of-way				LAS2415	\$895,590											\$548,724	
Construction					\$5,408,720											\$6,852,871	
PROJECT: Gowan Outfall - Alexander Rd. to Decatur Blvd. to Simmons Street																	
Design/Admin				GOOP 0076, 0088	Design started 18/17	\$5,000,330			\$2,063,844								
Right-of-way				NL V04K17		\$4,607,480											
Construction					\$25,048,870			\$25,798,070									
PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road																	
3rd Supplement				GOEC 0000 Rev 0076	Design started in 15/18			\$15,000									
Design/Admin																	
Right-of-way				LAS2415													
Construction																	
PROJECT: Gowan Outfall - Clayton Branch																	
Design/Admin				GOCL 0080		\$2,055,290					\$1,429,587				\$1,041,432		
Right-of-way						\$1,844,230											
Construction						\$10,278,480											
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial																	
Design/Admin				GOBC 0188, 0188, 0182, 0178	Design started in 17/18	\$1,322,640			\$561,700								
Right-of-way						\$1,058,910											
Construction						\$6,618,190			\$7,031,221								
PROJECT: Gowan - Alexander Rd. Rancho to Decatur																	
Design/Admin				GOAL 0020, 0088	Design started in 13/14	\$1,832,700			\$777,725								
Right-of-way						\$1,488,180											
Construction						\$8,163,480			\$9,721,536								
PROJECT: Gowan - Hancock, Craig to Alexander and Alexander Branch																	
Design/Admin				GOHL 0100, 0111		\$1,708,800			\$1,056,718								
Right-of-way				GOHL 0088		\$1,387,810											
Construction						\$8,548,440											
PROJECT: Gowan - Craig and US-95																	
Design/Admin				GOAL 0108, 0347		\$1,572,190			\$1,030,785								
Right-of-way						\$1,257,750											
Construction						\$7,880,960											
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn																	
Design/Admin				GOBU 0112, 0128	Design started in 13/14	\$287,980											
Right-of-way						\$214,360											
Construction						\$1,338,760											
CLOSEOUT																	
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH				\$388,528,720	\$203,558,550	\$8,816,074	\$1,089,200	\$0	\$0	\$8,826,874	\$0	\$0	\$0	\$0	\$0	\$0	
SYSTEM: Ann Road				\$90,162,950	\$22,381,710	(\$70,800)	(\$70,800)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Rancho Road System - Elkhors, Fort Apache to Grand Canyon																	
Design/Admin					Design started 11/12	\$454,350											
Right-of-way				RCHB 0276		\$263,480											
Construction						\$2,271,740											
CLOSEOUT																	
SYSTEM: Upper Western Tributary				\$284,027,000	\$37,904,550	\$9,926,874	\$1,100,000	\$0	\$0	\$8,826,874	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Brent Drainage System - Darsango to O'Hare																	
Design/Admin					Design started 19/20	\$1,495,800											
Right-of-way				BRDB 0107, 0187		\$1,198,720											
Construction						\$9,828,074											
1st Supplement						\$1,479,480											
Construction																	
SYSTEM: Kyle Canyon				\$3,539,080	\$143,272,290	\$80,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: LVW - Moccasin, Silver Canyon Park to Upper LVW																	
1st Supplement				Design start in 17/18	\$3,269,870												
Design/Admin						\$2,695,800											
Right-of-way				LAS31A17		\$0											
Construction																	

EXHIBIT C

**CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
Amended April 9, 2020**

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024					SECOND FIVE YEARS 7/2024 THRU 6/2029				
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22	(Year 4) FY 22/23	(Year 5) FY 23/24	(Year 6) FY 24/25	(Year 7) FY 25/26	(Year 8) FY 26/27	(Year 9) FY 27/28	(Year 10) FY 28/29
TOTAL PLAN				\$899,655,079	\$283,190,812	\$42,076,140	\$46,836,208	\$49,126,044	\$148,382,830	\$48,883,510	\$64,012,827	\$68,298,884	\$166,644,180	\$60,342,098
Unencumbered from previous year	(\$14,187,230)			\$888,696,657	\$67,831,577	\$48,507,705	\$45,524,015	\$31,431,183	\$78,727,544	\$73,187,988	\$63,581,356	\$43,805,939	\$20,384,829	\$10,958,422
ENTITY RESOURCES				\$207,494,839	\$47,476,108	\$10,191,298	\$11,028,076	\$11,898,812	\$35,329,416	\$12,077,434	\$13,082,438	\$14,120,918	\$37,888,951	\$14,981,230
Unencumbered from previous year	(\$13,649,204)				\$7,182,804	\$8,192,541	\$4,922,348	\$8,510,805	\$25,502,198	\$31,283,838	\$32,780,207	\$34,876,722	\$10,360,114	\$8,724,828
ENTITY TOTAL		\$808,695,860	\$486,095,816	\$200,769,911	\$40,283,504	\$9,231,319	\$14,259,269	\$10,310,555	\$16,337,823	\$6,315,996	\$11,585,868	\$11,905,002	\$62,324,158	\$18,216,416
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH		\$420,834,570	\$182,748,946	\$33,719,147	\$698,289	\$1,534,074	\$0	\$6,867,332	\$15,898,743	\$0	\$0	\$8,652,709	\$0	\$0
SYSTEM: LV Wash Craig		\$192,994,230	\$37,622,500	\$7,209,111	\$0	\$865,382	\$0	\$0	\$6,543,728	\$0	\$0	\$0	\$0	\$0
PROJECT: North Las Vegas Detention Basin Upgrade														
Design/Admin			\$1,276,670						\$484,721					
Right-of-way	LVAJ 0408		\$851,340	\$7,308,111										
Construction			\$5,383,250											
SYSTEM: Cheyenne Lamb Nellis		\$78,573,170	\$132,642,546	\$26,510,036	\$698,289	\$868,692	\$0	\$6,867,332	\$9,423,014	\$0	\$0	\$8,652,709	\$0	\$0
PROJECT: Lake Mead Drain to Las Vegas Wash														
Design/Admin			\$1,405,850						\$632,829					
Right-of-way	LVL6 0000, 0047		\$1,124,520	\$9,411,878										
Construction			\$7,028,250						\$7,810,357					
PROJECT: Las Vegas Boulevard Drain														
Design/Admin			\$1,302,880						\$876,878					
Right-of-way	LVLV 0000		\$1,042,290	\$9,832,637								\$640,841		
Construction			\$8,514,300									\$8,011,787		
PROJECT: Las Vegas Wash Carier Channel														
Design/Admin			\$1,163,815	\$7,888,821					\$508,893					
Right-of-way	LVC0 0000, 0030, 0038		\$831,046											
Construction			\$5,818,028						\$8,358,640					

EXHIBIT C

CITY OF NORTH LAS VEGAS
 10-YEAR CONSTRUCTION PROGRAM
 Amended April 9, 2020

Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024					SECOND FIVE YEARS 7/2024 THRU 6/2029								
				(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22	(Year 4) FY 22/23	(Year 5) FY 23/24	(Year 6) FY 24/25	(Year 7) FY 25/26	(Year 8) FY 26/27	(Year 9) FY 27/28	(Year 10) FY 28/29				
TOTAL PLAN																	
Annual Resources				\$899,655,079	\$263,190,813	\$42,676,140	\$46,836,206	\$49,126,044	\$146,882,630	\$48,863,510	\$64,012,827	\$68,399,664	\$166,644,160	\$60,342,096			
Unencumbered from previous year				(\$14,197,230)													
Cumulative Available Resources				\$888,696,657	\$67,631,577	\$48,607,705	\$45,524,015	\$31,431,183	\$78,727,544	\$73,197,968	\$63,581,356	\$43,905,530	\$20,364,678	\$10,958,432			
ENTITY RESOURCES																	
Annual Resources				\$207,494,839	\$47,476,106	\$10,191,256	\$11,029,078	\$11,898,812	\$35,329,416	\$12,077,434	\$13,082,439	\$14,120,516	\$37,888,551	\$14,981,230			
Unencumbered from previous year				(\$13,849,204)													
Cumulative Available Resources				\$193,645,635	\$12,119,951	\$21,212,512	\$22,127,590	\$19,796,980	\$50,656,832	\$34,164,873	\$27,164,915	\$13,062,400	\$0	\$0			
ENTITY TOTAL				\$808,695,860	\$486,095,816	\$200,769,911	\$40,283,504	\$9,231,319	\$14,259,269	\$10,310,555	\$16,337,823	\$6,315,996	\$11,585,868	\$11,905,002	\$62,324,158	\$18,216,416	
HYDROGRAPHIC BASIN: RANGE				\$198,209,210	\$262,708,330	\$134,446,901	\$39,585,215	\$7,697,245	\$14,259,269	\$3,443,223	\$371,080	\$3,662,328	\$7,941,513	\$3,252,293	\$36,017,319	\$18,216,416	
SYSTEM: Lower Range				\$92,821,110	\$53,363,990	\$22,996,109	\$3,000,000	\$0	\$14,259,269	\$3,443,223	\$0	\$0	\$2,293,817	\$0	\$0	\$0	
PROJECT: Orchard Collector - Charleston to Linden																	
Design/Adm'n											\$210,000						
Right-of-way				BLOR 0188	Design Started 00/01	\$428,180											
Construction													\$3,000,000				
PROJECT: Jim McLaughlin (Formerly Owens) Detention Basin & Outfall																	
2nd Supplement				Design/Adm'n	BLWR 0190 thru 0179 & BLCW 0080, 0088	Design Started 17/18	\$951,680		\$932,849								
2nd Supplement				Design/Adm'n													
2nd Supplement				Right-of-way													
2nd Supplement				Construction			\$789,320										
2nd Supplement				Construction			\$4,808,280		\$13,326,420								
PROJECT: Range Wash - Sloan Channel, Stewart Bridge																	
Design/Adm'n											\$233,223		\$199,699				
Design/Adm'n				RWRBL 0167			\$355,720										
Right-of-way							\$284,570										
Construction							\$1,778,590					\$2,123,718					
SYSTEM: West Range				\$85,613,580	\$145,158,210	\$94,665,809	\$30,790,770	\$0	\$0	\$0	\$371,080	\$3,662,328	\$5,647,896	\$0	\$36,017,319	\$18,216,416	
PROJECT: Beltway Detention Basin, Collectin and Outfall																	
3rd Supplement				Design/Adm'n	RWRR 0107 thru 0291 & RWRB 0000 thru 0097	Design Started 13/14	\$2,159,280		\$120,000								
3rd Supplement				Right-of-way			\$1,725,020										
3rd Supplement				Construction			\$10,781,440										
PROJECT: Nellis Storm Drain - Sloan Channel to Craig																	
Design/Adm'n							\$3,256,870					\$2,265,363		\$1,650,282			
Right-of-way				SLAL 0000, 0094			\$2,805,500										
Construction							\$16,284,270							\$20,679,553			
PROJECT: Las Vegas Boulevard Storm Drain - Nellis to Range																	
Design/Adm'n							\$2,585,440					\$1,852,290			\$1,349,365		
Right-of-way				SLLV 0008			\$2,068,350										
Construction							\$12,827,180								\$18,607,051		
PROJECT: Range Wash - Beltway Conveyance																	
Design/Adm'n							\$2,509,390					\$1,396,845		\$1,017,867			
Right-of-way				RWVW 0038-0063, RWVW 0518 - 0580			\$1,808,720										
Construction							\$10,041,630								\$12,720,819		
PROJECT: Vandenberg North Detention Basin, Collection & Outfall - Phase 2																	
Design/Adm'n							\$1,935,600										
7th Supplement				Design/Adm'n	0408, 0407, 0409, 0422, 0428, 0439, 0454	PreDesign Started 10/11	\$2,132,880		\$1,995,600								
7th Supplement				Design/Adm'n			\$1,709,290		\$121,770								
7th Supplement				Construction			\$10,664,330		\$23,584,960								
PROJECT: Beltway Collection System - Pecos																	
Design/Adm'n							\$549,500				\$371,080		\$262,453				
Right-of-way				RWVW 0080 & RWVW 0011, 0013			\$439,600						\$3,533,153				
Construction							\$2,888,860										
SYSTEM: East Range				\$17,974,540	\$64,185,130	\$16,783,983	\$5,834,445	\$7,697,245	\$0	\$0	\$0	\$0	\$0	\$3,252,293	\$0	\$0	
PROJECT: Hollywood System, Phase II, Nellis Air Force Base Reach																	
Design/Adm'n																	
Right-of-way				RWW 0000, 0007, 0008, 0039, 0060, 0110, 0136, 0173	Design Started 13/14												
1st Supplement				Construction													
1st Supplement				Construction													
1st Supplement				Construction													
PROJECT: Range Wash - Ann Branch																	
Design/Adm'n																	
Right-of-way				RWWW 0088, 0100	Design started 18/17		\$3,038,720										
Construction							\$2,430,990										
Construction							\$1,168,320										
PROJECT: Range Wash - Ann Branch, Phase 2																	
Design/Adm'n																	
Right-of-way				RWWW 0001, 0080	Design started 16/17		\$1,838,080					\$879,716					
Construction							\$1,310,480										
Construction							\$6,190,420										
Construction																	
Construction																	
PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin																	
Design/Adm'n																	
Right-of-way				RWWW 0308, 0389, 0410	Design started 18/17		\$1,222,710										
Construction							\$818,180										
Construction							\$5,113,510										
PROJECT: Speedway North Detention Basin and Outfall																	
Design/Adm'n																	
Right-of-way				RWWW 0468, 0488, 0498, 0800			\$1,888,870										
Construction							\$1,511,090										
Construction							\$8,448,330										
HYDROGRAPHIC BASIN: Apex				\$0	\$0	\$32,804,883	\$0	\$0	\$0	\$0	\$0	\$2,653,889	\$3,844,385	\$0	\$26,306,839	\$0	
PROJECT: North Apex - System 1 Detention Basin and Outfall																	
Design/Adm'n																	
Right-of-way				NAP1 0000, 0002, 0008, 0182, 0183, 0184			\$3,815,130										
Construction							\$3,952,080										
Construction							\$19,240,810										

EXHIBIT C

**CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
Amended April 9, 2020**

Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS: 7/2019 THRU 6/2024					SECOND FIVE YEARS: 7/2024 THRU 6/2029							
				(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22	(Year 4) FY 22/23	(Year 5) FY 23/24	(Year 6) FY 24/25	(Year 7) FY 25/26	(Year 8) FY 26/27	(Year 9) FY 27/28	(Year 10) FY 28/29			
TOTAL PLAN																
Unencumbered from previous year (\$14,187,230)				Annual Resources \$899,655,079	\$263,190,812	\$42,078,140	\$46,636,208	\$49,128,044	\$148,892,830	\$49,883,810	\$64,012,827	\$68,288,684	\$168,644,180	\$60,242,086		
ENTY RESOURCES				Cumulative Available Resources \$888,696,657	\$97,631,577	\$48,507,706	\$45,524,015	\$31,431,163	\$78,727,544	\$73,197,988	\$63,561,355	\$43,805,539	\$20,384,829	\$10,858,422		
Unencumbered from previous year \$35,082,395				Annual Resources \$293,042,369	\$106,538,018	\$11,878,071	\$12,854,563	\$13,868,256	\$41,179,886	\$14,078,441	\$15,247,791	\$16,457,886	\$43,838,259	\$17,008,310		
ENTY TOTAL				Cumulative Available Resources	\$21,501,856	\$24,387,403	\$26,332,487	\$22,806,723	\$29,888,757	\$15,178,947	\$22,893,208	\$3,137,747	(\$5,711,316)	(\$6,312,796)		
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond				\$1,532,456,175	\$652,450,607	\$299,287,185	\$79,036,363	\$14,992,324	\$8,919,479	\$19,385,018	\$38,313,961	\$24,568,251	\$7,531,533	\$36,213,144	\$52,817,321	\$17,509,790
SYSTEM: Blue Diamond Tributaries				\$70,758,640	\$61,719,030	\$22,761,798	\$200,000	\$5,640,757	\$5,679,467	\$0	\$2,117,368	\$0	\$0	\$8,924,206	\$0	\$0
PROJECT: Blue Diamond Wash - Arville to I-15																
1st Supplement Design/Admin				Design Started 18/19	\$1,050,120					\$160,000	\$432,640					
1st Supplement Right-of-way Construction				RDNA 0276	\$840,080	\$9,040,767				\$100,000						
					\$5,250,590					\$5,408,104						
PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.																
Design/Admin				Design Started 18/19	\$991,380				\$420,702							
Right-of-way Construction				DOIB 0078, 0082 & 0084	\$783,100	\$8,079,487										
					\$4,956,890				\$9,298,795							
PROJECT: Blue Diamond Channel, Amigo to Haven																
Design/Admin					\$1,243,240				\$0				\$907,435		\$681,057	
Right-of-way Construction				RDNA 0087 Rev 0175	\$1,075,010	\$11,041,974			\$0				\$1,208,933			
					\$6,718,700									\$8,263,154		
SYSTEM: Upper Duck Creek				\$123,500,470	\$75,203,030	\$38,314,400	\$31,724,094	\$1,263,769	\$0	\$0	\$5,326,538	\$0	\$0	\$0	\$0	\$0
PROJECT: Duck Creek Jones Boulevard																
Design/Admin				RTC Project	\$1,247,840					\$538,175						
Right-of-way Construction				DCLB 0008, 0043	\$1,078,350	\$2,324,094										
					\$6,738,970					\$1,684,918						
PROJECT: Silverado Ranch Detention Basin and Outfall Facilities																
Design/Admin				Design Started 13/14	\$2,861,730					\$2,617,255						
Right-of-way Construction				BO02 0125 Rev 0312, 0290 Rev 0404, DOW4 0000 0001	\$2,288,360	\$28,000,000										
					\$14,308,620				\$27,120,745							
PROJECT: Blue Diamond Channel 02, Devozier - Le Baron to Richman																
Design/Admin				RTC Project	\$800,000					\$800,000						
Right-of-way Construction				BO02 0354		\$3,800,000										
						\$3,000,000										
PROJECT: Blue Diamond Wash Railroad																
Design/Admin					\$678,400					\$541,615				\$394,558		
Right-of-way Construction				RDNA 0028	\$701,120	\$8,880,307				\$729,154				\$4,831,980		
					\$4,382,000											
SYSTEM: Lower Duck Creek				\$176,428,900	\$39,736,410	\$24,501,314	\$0	\$2,261,410	\$0	\$0	\$22,239,903	\$0	\$0	\$0	\$0	\$0
PROJECT: Duck Creek, Sunset Park																
Design/Admin					\$3,859,240					\$2,261,410					\$1,847,403	
Right-of-way Construction				DGBP 0008, 0118	\$2,877,380	\$8,801,314										
					\$18,296,170									\$20,582,800.52		
SYSTEM: Central Duck Creek				\$135,598,900	\$124,433,390	\$5,051,894	\$5,051,894	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Duck Creek Las Vegas Boulevard																
Design/Admin				Split with SD	\$1,278,400											
Right-of-way Construction				DCLV 0000 Rev 0008	\$1,022,720	(\$418,802)										
CLOSEOUT					\$6,392,000					(\$418,522)						
PROJECT: Duck Creek Haven Street																
Design/Admin				RTC Project	\$641,440	\$6,478,417				\$422,898						
Right-of-way Construction				DCHV 0008, 0080, 0097	\$813,150					\$781,890						
					\$3,207,210					\$4,634,417						

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
Amended April 9, 2020

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024					SECOND FIVE YEARS 7/2024 THRU 6/2029				
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22	(Year 4) FY 22/23	(Year 5) FY 23/24	(Year 6) FY 24/25	(Year 7) FY 25/26	(Year 8) FY 26/27	(Year 9) FY 27/28	(Year 10) FY 28/29
TOTAL PLAN				\$899,655,079	\$35,190,913	\$42,076,140	\$48,836,208	\$48,138,044	\$148,892,830	\$49,863,510	\$64,012,827	\$66,289,894	\$166,644,160	\$60,342,696
Unencumbered from previous year	(\$14,187,230)			\$888,696,657	\$87,831,677	\$48,507,705	\$45,924,015	\$31,431,183	\$78,727,544	\$73,197,869	\$63,561,256	\$43,905,536	\$20,364,826	\$10,958,422
ENTITY RESOURCES				\$293,042,389	\$108,538,019	\$11,878,071	\$12,854,563	\$13,888,255	\$41,176,895	\$14,078,441	\$15,247,781	\$16,497,886	\$43,938,259	\$17,006,310
Unencumbered from previous year	\$35,062,395				\$27,301,859	\$2,387,603	\$28,322,487	\$22,805,723	\$25,868,757	\$15,176,947	\$22,883,205	\$3,137,747	\$5,111,316	\$6,244,196
ENTITY TOTAL				\$1,532,456,175	\$652,450,607	\$299,287,185	\$79,036,363	\$14,992,324	\$8,919,479	\$19,385,018	\$36,313,961	\$24,568,251	\$7,531,533	\$36,213,144
HYDROGRAPHIC BASIN: Outlying Areas														
SYSTEM: Goodsprings														
PROJECT: Goodsprings - Phase I														
Design/Adm'n	OSEA 0000	Design Started 08/10	\$91,455		\$48,715									
Right-of-way	OSPA 0027 & 0029		\$55,910		\$74,454									
Construction	OSRV 0018		\$653,804		\$870,779									
SYSTEM: Muddy River & Tributaries														
PROJECT: Fairgrounds - Detention Basin (Whipple Street)														
Design/Adm'n	POW9 0001, 0079, 0108, 0126, 0164, 0186, 0198	Design Started 10/11	\$1,197,000		\$600,652									
Right-of-way			\$0		\$11,237,878									
Construction			\$8,244,000		\$10,617,820									
PROJECT: Muddy River Logandale Levee														
Design/Adm'n		Design Started 09/10	\$482,000											
Right-of-way			\$0											
Construction	MRL 0001, 0013, 0038		\$2,851,000											
CLOSEOUT														
PROJECT: Muddy River - Cooper to Yamashita														
Design/Adm'n		Design Started 05/09	\$1,267,000											
Right-of-way	MRLV 0385 thru 0408		\$1,141,713		\$18,882,827				\$1,027,241			\$748,330		
Construction			\$9,281,000						\$1,543,771			\$13,674,545		
PROJECT: Ryan Avenue to Lewis														
Design/Adm'n	MRLV 0198, 0240, 0268, 0278	Design Started 05/09	\$1,385,000									\$1,272,972		
Right-of-way			\$0		\$16,782,788								\$827,341	
Construction			\$9,878,000										\$15,582,449	
SYSTEM: Mount Charleston														
PROJECT: Rainbow Canyon Boulevard Bridge														
Design/Adm'n			\$118,849									\$110,085		
Right-of-way	MTCH 0001		\$0		\$1,486,489								\$60,185	
Construction			\$775,488										\$1,308,179	
SYSTEM: Laughlin														
PROJECT: Bridge Canyon Detention Basin														
Design/Adm'n	LJH-B 0416, 0418, 0417		\$1,110,088		\$13,888,123							\$988,279		
Right-of-way			\$0										\$1,090,646	
Construction			\$6,949,201										\$11,413,897	
PROJECT: Hino Detention Basin Expansion														
Design/Adm'n			\$183,302											
Right-of-way	LJH-B 0344		\$0		\$3,292,880				\$0					
Construction			\$1,212,956						\$0				\$1,817,891	
SYSTEM: Searchlight														
PROJECT: Searchlight - South, Encinitas St. Storm Drain														
CLOSEOUT														
Design/Adm'n	BRIO 0001, 0010, 0021, 0030	Design Started 09/10	\$173,481											
Right-of-way			\$0											
Construction			\$1,240,394											
PROJECT: Searchlight - West - State Hwy 164														
Design/Adm'n		Design Started 10/20	\$84,209											
Right-of-way	BRWR 0001, 0008 & 0023		\$0		\$1,238,804				\$418,000			\$29,020		
Construction			\$677,189						\$1,054,000			\$97,484		
PROJECT: Searchlight - West														
Design/Adm'n	BRWR 0048, 0088, 0091		\$127,721									\$111,512		
Right-of-way			\$0		\$1,887,388								\$78,868	
Construction			\$911,387										\$1,406,918	
SYSTEM: Bunkerville														
PROJECT: Jessa Waite Wash Diversion Dike														
Design/Adm'n		Design Started 10/11	\$70,167											
Right-of-way			\$0		\$1,581,888									
Construction	JENR 0149		\$1,482,711						\$29,776				\$1,581,790	

EXHIBIT C

CITY OF BOULDER CITY
10-YEAR CONSTRUCTION PROGRAM
Amended April 9, 2020

	Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024					SECOND FIVE YEARS 7/2024 THRU 6/2029							
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22	(Year 4) FY 22/23	(Year 5) FY 23/24	(Year 6) FY 24/25	(Year 7) FY 25/26	(Year 8) FY 26/27	(Year 9) FY 27/28	(Year 10) FY 28/29			
TOTAL PLAN				\$899,655,079	\$253,190,812	\$42,076,140	\$48,838,208	\$48,126,044	\$148,892,830	\$49,863,810	\$84,012,827	\$68,298,894	\$166,844,180	\$60,342,096			
Unencumbered from previous year	(\$14,197,230)				\$67,831,577	\$48,907,705	\$45,524,015	\$31,421,183	\$78,727,544	\$73,197,868	\$63,541,355	\$43,905,536	\$20,364,826	\$10,956,422			
ENTITY RESOURCES				\$13,968,413	\$3,354,268	\$875,992	\$731,588	\$789,256	\$2,343,423	\$801,104	\$887,767	\$926,823	\$2,500,569	\$887,848			
Unencumbered from previous year	(\$713,479)				\$3,819,667	\$4,495,880	\$318,567	\$323,423	\$2,898,848	\$1,113,478	(\$2,921,358)	(\$1,991,715)	\$84,519	(\$175,461)			
ENTITY TOTAL				\$14,043,878	\$4,557,420	\$4,557,420	\$14,043,878	(\$465,419)	\$0	\$4,908,649	\$784,429	\$0	\$2,356,470	\$4,907,584	\$0	\$424,335	\$1,127,830
HYDROGRAPHIC BASIN: Boulder City		\$1,143,190	\$4,557,420	\$14,043,878	(\$465,419)	\$0	\$4,908,649	\$784,429	\$0	\$2,356,470	\$4,907,584	\$0	\$424,335	\$1,127,830			
SYSTEM: Georgia/Buchanan		\$611,890	\$960,430	\$9,252,171	\$0	\$0	\$239,813	\$499,011	\$0	\$2,356,470	\$4,907,584	\$0	\$121,663	\$1,127,830			
PROJECT: Avenue 1 Storm Drain									\$469,011								
Design/Admin			\$781,115														
Right-of-way	OBQR 0168, 0204, 0216, 02 1A, 0308		\$0	\$8,408,886													
Construction			\$3,805,580										\$4,544,002				
PROJECT: Georgia Buchanan Confluence Facilities																	
Design/Admin			\$278,430					\$239,813		\$174,554							
Right-of-way	OBQR 0003, 088C 0030		\$0	\$2,888,063													
Construction			\$1,882,140										\$2,181,918				
PROJECT: Georgia Avenue Facilities - Vaquero Drive Bridge																	
Design/Admin			\$180,070														\$121,803
Right-of-way	OBQR 0009		\$0	\$1,248,480													\$83,542
Construction			\$800,360														\$1,044,383
SYSTEM: Hemenway		\$42,180	\$3,496,000	\$4,669,036	\$0	\$0	\$4,669,036	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Hemenway System, Phase IIB Improvements																	
Design/Admin				\$412,320				\$288,000									
Right-of-way	HAWA 0008, 0105 & HAWA 0004, 0006		\$0	\$4,888,000													
Construction			\$2,113,840					\$4,281,600									
SYSTEM: North Railroad		\$469,120	\$100,990	-\$180,001	(\$465,419)	\$0	\$0	\$285,418	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Wells Drive Levee Lining																	
Design/Admin			\$48,370					\$29,022									
Right-of-way	NRR 0088		\$0	\$314,440													
Construction			\$241,850														
PROJECT: North Railroad Conveyance																	
CLOSEOUT	Design/Admin			\$78,550													
Right-of-way	NRRR 0000 thru 0106 & NRRR0010, 0031 & 0062			\$0													
Construction			\$397,750														
CLOSEOUT	Design/Admin			\$144,740													
Construction	Phase 2 Closeout NRR 0010, 0031, 0062			\$725,700													
SYSTEM: West Airport		\$0	\$0	\$302,672	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$302,672	\$0			
PROJECT: West Airport Facilities																	
Design/Admin				\$288,720													
Right-of-way	WVAP 0008, 0070, 0077			\$0													
Construction			\$1,881,110														

EXHIBIT C

CITY OF MESQUITE
 10-YEAR CONSTRUCTION PROGRAM
 Amended April 9, 2020

Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2024					SECOND FIVE YEARS 7/2024 THRU 6/2029						
				(Year 1) FY 1920	(Year 2) FY 2021	(Year 3) FY 2122	(Year 4) FY 2223	(Year 5) FY 2324	(Year 6) FY 2425	(Year 7) FY 2526	(Year 8) FY 2627	(Year 9) FY 2728	(Year 10) FY 2829		
TOTAL PLAN															
Unencumbered from previous year (\$14,187,230)		Annual Resources		\$899,655,079	\$283,196,812	\$42,076,148	\$48,636,206	\$48,126,044	\$148,882,830	\$49,863,810	\$64,012,827	\$69,299,884	\$188,644,180	\$80,242,098	
		Cumulative Available Resources		\$888,696,657	\$67,831,577	\$48,507,705	\$45,524,015	\$31,431,163	\$78,727,544	\$73,197,968	\$63,581,356	\$43,808,538	\$20,384,828	\$10,958,422	
ENTITY RESOURCES															
Unencumbered from previous year \$4,242,286		Annual Resources		\$28,742,656	\$11,030,329	\$1,128,081	\$1,220,786	\$1,217,089	\$3,910,581	\$1,338,640	\$1,448,063	\$1,282,867	\$4,172,818	\$1,815,080	
		Cumulative Available Resources		\$5,814,383	\$8,971,949	\$7,980,718	\$307,786	\$3,090,458	(\$1,018,711)	(\$5,002,428)	(\$10,944,111)	(\$13,333,178)	(\$3,333,178)	\$4,848,267	
ENTITY TOTAL				\$70,955,608	\$57,741,074	\$23,794,389	\$5,115,946	\$70,494	\$602,030	\$8,600,000	\$1,127,911	\$8,278,007	\$0	\$0	\$0
HYDROGRAPHIC BASIN: Mesquite				\$70,955,608	\$57,741,074	\$23,794,389	\$5,115,946	\$70,494	\$602,030	\$8,600,000	\$1,127,911	\$8,278,007	\$0	\$0	\$0
SYSTEM: Town Wash				\$31,271,967	\$20,342,184	\$13,095,983	\$5,115,946	\$0	\$602,030	\$0	\$0	\$8,278,007	\$0	\$0	\$0
PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash															
	Design/Admin		Design started 17/18	\$623,347					\$284,524						
	3rd Supplement Design/Admin	TWMB 0000	ME01E17	\$454,532					178,150						
	4th Supplement Design/Admin	0004			\$8,168,898				573,574						
	Construction	TOWA 0120		\$4,458,929					\$4,728,354						
PROJECT: Town Wash Mesa Boulevard, El Dorado to Chaparra															
	Design/Admin			\$891,493				\$802,030		\$438,570					
	Right-of-way	TWMB 0052, 0084		\$713,185	\$8,880,037										
	Construction	0084		\$8,374,180						\$7,830,437					
SYSTEM: Virgin River				\$0	\$20,378,880	\$9,798,405	\$0	\$70,494	\$0	\$8,600,000	\$1,127,911	\$0	\$0	\$0	
PROJECT: Virgin River Flood Wall															
	Design/Admin		Design started 15/18	\$78,530					\$600,000						
	Right-of-way	VREC 0000	ME04A15	\$82,823	\$8,800,000										
	Construction		Eng Cost Est	\$486,287					\$8,000,000						
PROJECT: Virgin River Erosion Protection, Phase I															
	Design/Admin			\$107,520			\$70,494			\$51,354					
	Right-of-way	VREC 0203, 0323		\$925,240	\$1,188,408										
	Construction	0508, 0518		\$901,800						\$1,078,558					

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

INTERLOCAL AGREEMENT BETWEEN THE SOUTHERN NEVADA WATER AUTHORITY AND THE DISTRICT

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

ACCEPT A PRESENTATION AND APPROVE AND AUTHORIZE THE GENERAL MANAGER TO SIGN AN AGREEMENT BETWEEN THE SOUTHERN NEVADA WATER AUTHORITY AND THE DISTRICT TO FUND THE DEVELOPMENT OF SITE-SPECIFIC CRITERIA FOR SELENIUM IN THE LAS VEGAS WASH (FOR POSSIBLE ACTION)

FISCAL IMPACT: The District will receive \$100,000 pursuant to the Interlocal Agreement. There will be no fiscal impact to the Regional Flood Control District.

BACKGROUND:

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

Since 2001, the District Board of Directors has approved an interlocal agreement among the cities of Henderson, Las Vegas, and North Las Vegas; the Clark County Water Reclamation District; the Southern Nevada Water Authority and the District to establish funding allocations and budget each fiscal year for activities in the Las Vegas Wash. The draft budget for 2020/2021 includes \$100,000 for the development of site-specific criteria for selenium. The Interlocal Agreement provides for the

TAC AGENDA ITEM #07 Date: 04/30/2020	RFCD AGENDA ITEM # Date: 05/21/2020
CAC AGENDA ITEM #07 Date: 04/30/2020	

transfer of \$100,000 to the District to reimburse it for costs to complete the necessary work. It is also anticipated that grant funding may be available from NDEP to cover some of the costs necessary to complete the work. The agreement is attached. The District Attorney has reviewed the agreement.

Respectfully Submitted,



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

TAC AGENDA ITEM #07 Date: 04/30/2020	RFCD AGENDA ITEM # Date: 05/21/2020
CAC AGENDA ITEM #07 Date: 04/30/2020	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

INTERLOCAL AGREEMENT BETWEEN THE SOUTHERN NEVADA WATER AUTHORITY AND THE DISTRICT

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

Since 2001, the District Board of Directors has approved an interlocal agreement among the cities of Henderson, Las Vegas, and North Las Vegas; the Clark County Water Reclamation District; the Southern Nevada Water Authority and the District to establish funding allocations and budget each fiscal year for activities in the Las Vegas Wash. The draft budget for 2020/2021 includes \$100,000 for the development of site-specific criteria for selenium. The Interlocal Agreement provides for the transfer of \$100,000 to the District to reimburse it for costs to complete the necessary work. It is also anticipated that grant funding may be available from NDEP to cover some of the costs necessary to complete the work. The agreement is attached. The District Attorney has reviewed the agreement.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
#07 Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#07 Date: 04/30/2020

Recommendation:

**AGREEMENT REGARDING DEVELOPING SITE-SPECIFIC CRITERIA FOR
SELENIUM IN THE LAS VEGAS WASH**

THIS AGREEMENT is made and entered into this _____ day of _____, 2020, by and between CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, a political subdivision of the State of Nevada (“District”), acting by and through its Board of Directors, and the SOUTHERN NEVADA WATER AUTHORITY (“Authority”), a political subdivision of the State of Nevada, acting by and through its Board of Directors. Each of these entities is sometimes referred to individually as “Party” and collectively as “Parties.”

RECITALS

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

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

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

WHEREAS, the Parties are signatories to the 2007 Agreement Regarding the Las Vegas Valley Watershed Advisory Committee (“LVVWAC”), which terminated the July 11, 2002 Cooperative Agreement and created the LVVWAC to continue implementation of the LVWCAMP, along with establishing a cohesive direction and integrated approach to addressing water quality issues in the Las Vegas Valley and Lake Mead; and

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

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

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

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

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

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the Parties agree as follows:

1. TERM

This Agreement shall become effective upon execution by both Parties and shall continue in effect until March 1, 2023 or until the Parties terminate the Agreement as set forth in Section 7, whichever occurs first. The rights and obligations of the Parties to this Agreement incurred prior to termination of this Agreement shall survive such termination.

2. SERVICES TO BE PERFORMED

2.1 Within 60 calendar days of execution of this Agreement, the Authority shall pay the District an amount of One Hundred Thousand (\$100,000) for work associated with Phase I efforts to establish site-specific criteria for selenium in the Las Vegas Wash and to address selenium in the tributaries to the Las Vegas Wash. If the actual costs for development of site-specific criteria are less than \$100,000, the District shall remit any unencumbered funds to the Authority.

2.2 Upon receipt of said funds, the District will enter into an Agreement in an amount not to exceed One Hundred Thousand (\$100,000) with a consultant for Phase I for the development of site-specific criteria for selenium in the Las Vegas Wash and to address selenium in the tributaries to the Las Vegas Wash.

2.3 The Parties hereby further understand and agree that the money advanced herein will be used to pay for the initial phase of the development of a site-specific criteria for selenium and that if additional work is needed the parties will supplement this Agreement to account for the additional work and costs.

3. COORDINATION

3.1 TBD

4. PROJECT FUNDING

Cost of services under this Agreement will not exceed \$100,000.

5. CHANGES AND DISPUTES

5.1 It is recognized that the activities, and costs of conducting the activities, required to accomplish the goals of this Agreement are an estimate based on the best

available information and that changes are likely to occur. The Parties agree that representatives of the Parties may make changes, as appropriate or required, to accomplish Project objectives; provided, however, that such changes do not result in an increase in the financial obligation of either Party, unless otherwise extended by written agreement of the Parties.

5.2 The Parties will attempt to resolve all claims, disputes, and other matters in question between the Parties arising out of or relating to this Agreement, or the breach thereof, through informal means in an amicable and productive manner. Should that method prove unsuccessful, the department heads for each of the Parties shall meet and attempt to resolve the dispute. Nothing in this Section limits either Party from exercising its rights of termination under Section 7.

6. LIABILITY

Nothing contained in this Agreement shall be construed as making either Party hereto the agent, employee, co-venturer, or representative in any capacity whatsoever of the other Party hereto. Neither Party assumes liability for claims or actions arising out of the performance of work under this Agreement by the other Party or its agents.

7. TERMINATION

Either Party may terminate its participation or obligation under this Agreement by giving 30-day written notice of termination to the other Party. If the Authority terminates the Agreement then the District may utilize the funds allocated herein to pay for all related costs and expenses of the District and any encumbered obligations of the District associated with this Agreement.

8. THIRD PARTY BENEFICIARIES

This Agreement is intended only to benefit the parties hereto and does not create any rights, benefits or causes of action for any other person, entity or member of the general public.

9. DATA AVAILABILITY

All reports, information, and data obtained or developed in connection with work performed under this Agreement shall be made available to each Party without charge before the termination of this Agreement.

10. UNCONTROLLABLE FORCES

Each Party will act with good faith in completing its responsibilities as described in this Agreement. To the extent that performance of an obligation under this Agreement is prevented or delayed by any cause which is beyond the reasonable control of either Party,

such non-performance will be deemed justified and a revised schedule or redistribution of responsibilities will be established.

11. GOVERNING LAW

Nevada law shall govern the interpretation of this Agreement.

12. INTEGRATION

This Agreement constitutes the entire Agreement between the Parties with respect to the matters covered herein, and subsumes and incorporates all prior written and oral statements and understandings with respect to the matters covered herein.

13. NOTICES AND AUTHORIZED REPRESENTATIVES

Notices given pursuant to the provisions of this Agreement, or which are necessary to carry out its provisions, must be in writing and delivered to the person to whom the notices are to be given, or mailed, postage prepaid, addressed to that authorized representative. The Parties' authorized representatives and their addresses for this purpose are as follows:

To: Clark County Regional Flood Control District:

John Tennert, Environmental Mitigation Manager
Clark County Regional Flood Control District
600 S. Grand Central Parkway, Suite 300
Las Vegas, Nevada 89106

To: Southern Nevada Water Authority:

Jason R. Eckberg, Environmental Biologist II
Southern Nevada Water Authority
P.O. Box 99956
Las Vegas, Nevada 89193-9956

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IN WITNESS WHEREOF, each of the Parties has executed this Agreement as of the date and year first written above.

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

By: _____
Deanna M. Hughes
Board Secretary

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

APPROVED AS TO FORM:

Christopher D. Figgins, Clark County
Chief Deputy District Attorney

SOUTHERN NEVADA WATER AUTHORITY

By: _____
John J. Entsminger, General Manager

APPROVED AS TO FORM:

Tabitha D. Fiddymont, Director, Legal Services

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

MEMORANDUM OF AGREEMENT WITH THE NATIONAL WEATHER SERVICE

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

THAT THE BOARD APPROVE AND AUTHORIZE THE CHAIR TO SIGN A MEMORANDUM OF AGREEMENT BETWEEN THE NATIONAL WEATHER SERVICE (NWS) AND THE REGIONAL FLOOD CONTROL DISTRICT FOR RETRIEVAL OF DATA NECESSARY AND ESSENTIAL FOR THE ACCURATE AND TIMELY ISSUANCES OF FLASH FLOOD AND SEVERE THUNDERSTORM WARNINGS FOR THE CITIZENS OF CLARK COUNTY (FOR POSSIBLE ACTION)

FISCAL IMPACT: \$45,000 (estimated)

BACKGROUND:

Since 1989, the District has operated and maintained a Flood Threat Recognition System (FTRS). The FTRS consists of more than 200 weather stations and rain gauges throughout Clark County. The FTRS is designed to provide real-time weather data for the purpose of detecting situations which could cause flooding. The FTRS is a critical part of efforts to protect life and property from the adverse impacts of flooding in Southern Nevada. Data is used to notify emergency responders, the National Weather Service and other stakeholders when conditions for flooding are developing.


Since 2014, the National Weather Service has maintained a backup of the FTRS database. This updated agreement allows the local National Weather Service office to continue operating as a backup location for the FTRS should a catastrophic event take place rendering the District's offices unusable. This backup can be immediately accessed by the National Weather Service and is available to the District when the District's web site has recovered.

TAC AGENDA ITEM #08 Date: 04/30/2020	RFCD AGENDA ITEM # Date: 05/21/2020
CAC AGENDA ITEM #08 Date: 04/30/2020	

The current Agreement expired on March 1, 2019. This Agreement provides for Equipment Software Support and access to the Systems Located at the Weather Forecast Office in Las Vegas. The Agreement will begin on July 1, 2020 and expire on June 30, 2025 and may be amended at any time by mutual consent of the parties. The parties will review this Agreement at least once every three years to determine whether it should be revised, renewed or cancelled.

The District Attorney's office has reviewed the Memorandum of Agreement which is included in the backup. There is sufficient funding in the FY 2020-2021 budget to support this request.

Respectfully submitted,


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

TAC AGENDA ITEM #08 Date: 04/30/2020	RFCD AGENDA ITEM # Date: 05/21/2020
CAC AGENDA ITEM #08 Date: 04/30/2020	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

MEMORANDUM OF AGREEMENT WITH THE NATIONAL WEATHER SERVICE

Since 1989, the District has operated and maintained a Flood Threat Recognition System (FTRS). The FTRS consists of more than 200 weather stations and rain gauges throughout Clark County. The FTRS is designed to provide real-time weather data for the purpose of detecting situations which could cause flooding. The FTRS is a critical part of efforts to protect life and property from the adverse impacts of flooding in Southern Nevada. Data is used to notify emergency responders, the National Weather Service and other stakeholders when conditions for flooding are developing.

Since 2014, the National Weather Service has maintained a backup of the FTRS database. This updated agreement allows the local National Weather Service office to continue operating as a backup location for the FTRS should a catastrophic event take place rendering the District's offices unusable. This backup can be immediately accessed by the National Weather Service and is available to the District when the District's web site has recovered.

The current Agreement expired on March 1, 2019. This Agreement provides for Equipment Software Support and access to the Systems Located at the Weather Forecast Office in Las Vegas. The Agreement will begin on July 1, 2020 and expire on June 30, 2025 and may be amended at any time by mutual consent of the parties. The parties will review this Agreement at least once every three years to determine whether it should be revised, renewed or cancelled.

The District Attorney's office has reviewed the Memorandum of Agreement which is included in the backup. There is sufficient funding in the FY 2020-2021 budget to support this request.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
#08 Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#08 Date: 04/30/2020

Recommendation:

MEMORANDUM OF AGREEMENT
ESTABLISHING A JOINT PROJECT

BETWEEN THE

U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL WEATHER SERVICE

AND

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

Agreement No. 2

I. PARTIES

This document constitutes an Agreement between the National Weather Service (NWS), U.S. Department of Commerce (Department), and Clark County Regional Flood Control District (CCRFCD), which is a distinct local governmental agency created by the State of Nevada legislature in 1985.

II. AUTHORITIES

NWS has authority to participate in the project with CCRFCD under:

- (1) Organic Act, 15 U.S.C. Section 313 The Secretary of Commerce ... shall have charge of the forecasting of the weather, the issuance of storm warnings, the display of weather and flood signals for the benefit of agriculture, commerce, and navigation, the gauging and reporting of rivers, the maintenance and operation of sea coast telegraph lines and the collection and transmission of marine (intelligence for the benefit of commerce and navigation, the reporting of temperature and rainfall conditions for the cotton interests, the display of frost and cold-wave signals, the distribution of meteorological information in the interests of agriculture and commerce, and the taking of such meteorological observations as may be necessary to establish and record the climatic conditions of the United States, or as are essential for the proper execution of the foregoing duties.
- (2) 15 U.S.C. Section 1525, the Department's Joint Project Authority, which provides that the Department may enter into joint projects with nonprofit, research, or public organizations on matters of mutual interest, the cost of which is equitably apportioned.
- (3) NRS 543.450 which provides that CCRFCD may enter into agreements, cooperate, and act in conjunction with the United States Government or any of its departments for the protection of life and property.

III. PURPOSE

Pursuant to this Agreement, the parties agree to jointly develop and maintain a full service backup dissemination system for the retrieval and distribution of Automated Local Evaluation in Real Time (ALERT) and ALERT2 rain gauge network data. This back-up capability will be housed at the NWS Forecast Office in Las Vegas, NV. The CCRFCD currently maintains an expansive real-time ALERT/ALERT 2 rain gauge network across Clark County for the purpose of providing rainfall and other weather data during flash flooding and severe weather events. Currently, NWS hosts the backup system for this network as per agreement 14-ABF-9386-01.

This project is necessary and essential to further the mission of the Department in that it will ensure that the NWS continues to receive critical real-time data during flash flood events should CCRFCD primary dissemination system fail. These data are necessary and essential for the accurate and timely issuances of both Flash Flood and Severe Thunderstorm Warnings by the NWS for the citizens of Clark County and surrounding areas.

NWS has determined that this project cannot be done at all or done as effectively without the participation of CCRFCD for two primary reasons. First, CCRFCD has expertise the NWS does not have in maintaining and troubleshooting retrieval, decoding and dissemination of ALERT/ALERT2 gauge network data. Second, the total cost of developing a back-up capability by one of the agencies is cost prohibitive.

IV. MUTUAL INTEREST OF THE PARTIES

This back-up capability for the ALERT/ALERT 2 gauge network is of mutual interest to the parties because it provides CCRFCD a reliable and supported back-up capability to provide real-time data to its customers and ensures the NWS maintains access to the critical data this network provides during severe weather in support of our mission to protect life and property.

V. RESPONSIBILITIES OF THE PARTIES

NWS agrees to perform the following activities and provide the following resources in support of this Agreement:

- a. Provide an internet connection that allows continual connectivity at least 50 Mbps rate to the hardware (servers).
- b. Maintain and adequate and functioning Antenna for the retrieval of ALERT/ALERT 2 gauge data.
- c. Provide physical space and network (internet) access for the Server that is required to run the necessary software to decode and disseminate the ALERT/ALERT2 data.
- d. To be responsible and pay for any damages to the Server (noted in item "a" in the next section), its operating system and software which are not related to ordinary wear and tear.

CCRFCD agrees to perform the following activities and provide the following resources in support of this Agreement:

- a. Purchase and maintain a Server(s) and data decoders with and associated software for the purposes of processing and disseminating data from the ALERT/ALERT 2 gauge network. This Server will be housed at the NWS Office in Las Vegas.
- b. Provide needed technical assistance in the form of advice or instructions in troubleshooting the retrieval, decoding and dissemination of ALERT/ALERT 2 gauge data.

VI. EQUITABLE APPORTIONMENT OF COSTS

No transfer of financial resources will occur under this Agreement. The costs of this activity are equitably apportioned, as defined below.

NWS:

Internet Connection via CenturyLink to provide connectivity to CCRFCD - \$12,300.00 (2460.00/per year for 5 years).

CCRFCD:

Equipment Software Support and Access to the Systems located at the WFO - \$43,835.00.

VII. CONTACTS

The contacts of each party to this Agreement are:

Todd Lericos

Meteorologist-in-Charge, Weather Forecast Office, Las Vegas
7851 Dean Martin Dr.
Las Vegas, Nevada 89139
Phone: (702) 263-9752
Fax : (702) 263-9759
E-mail: todd.lericos@noaa.gov

Craig McDougall

Senior Hydrologist
Clark County Regional Flood Control District
600 S. Grand Central Parkway, Suite 300
Las Vegas, Nevada 89106
Phone: (702) 685-0000
Fax : (702) 685-0001
E-mail: CMcdougall@regionalflood.org

The parties agree that if there is a change regarding the information in this section, the party making the change will notify the other party in writing of such change.

VIII. PERIOD OF AGREEMENT AND MODIFICATION/TERMINATION

This Agreement will become effective when signed by all parties. The Agreement shall begin on July 1, 2020 and will terminate on June 30, 2025 and may be amended at any time by mutual consent of the parties. The parties will review this Agreement at least once every three years to determine whether it should be revised, renewed, or canceled.

Any party may terminate this Agreement by providing sixty (60) days written notice to the other party. In the event this Agreement is terminated, each party shall be solely responsible for the payment of any expenses it has incurred. This Agreement is subject to the availability of funds.

IX. OTHER PROVISIONS

Should disagreement arise on the interpretation of the provisions of this Agreement, or amendments and/or revisions thereto, that cannot be resolved at the operating level, the area(s) of disagreement shall be stated in writing by each party and presented to the other party for consideration. If agreement on interpretation is not reached within thirty (30) days, the parties shall forward the written presentation of the disagreement to respective higher officials for appropriate resolution.

Under the Inspector General Act of 1978, as amended, 5 USC App. 3, a review of this Agreement may be conducted at any time. The Inspector General of the Department of Commerce, or any of his or her duly authorized representatives, shall have access to any pertinent books, documents, papers and records of the parties to this Agreement, whether written, printed, recorded, produced, or reproduced by any mechanical, magnetic or other process or medium, in order to make audits, inspections, excerpts, transcripts, or other examinations as authorized by law.

NATIONAL WEATHER SERVICE

REGIONAL FLOOD CONTROL DISTRICT

Todd Lericos
Meteorologist-in-Charge
NWS Las Vegas
7851 Dean Martin Drive
Las Vegas, NV 89139

LAWRENCE L. BROWN, III
Chair
Clark County Regional Flood Control District
600 S. Grand Central Parkway, Suite 300
Las Vegas, NV 89106

Date

Date

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

DUCK CREEK – JONES BOULEVARD STORM DRAIN

PETITIONER:

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT ACCEPT THE PROJECT PRESENTATION ON THE PROPOSED DUCK CREEK – JONES BOULEVARD STORM DRAIN CLA38E20 (FOR POSSIBLE ACTION)

FISCAL IMPACT: None by this action.

BACKGROUND:

The subject project is described in the 2018 Master Plan Update as Facility Numbers DCJB 0000 0020 and 0043. The project proposes construction of the Duck Creek – Jones Boulevard Storm Drain. This project includes 14' x 6' reinforced concrete box, and 10' x 4' reinforced concrete box and 10' x 3' reinforced concrete box. The storm drain starts approximately 150 feet north of Pyle Avenue and extends south approximately 3,600 feet to Conn Avenue. This facility will tie into the existing storm drain facility located north of Pyle Avenue.

Representatives from the design consultant, WSP, and Clark County staff will be available to respond to any questions following the brief presentation.

Respectfully submitted,

TAC AGENDA ITEM # 09a Date: 04.30.2020	RFCD AGENDA ITEM # Date: 05.21.2020
CAC AGENDA ITEM # 09a Date: 04.30.2020	


DENIS CEDERBURG
Director of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

**DUCK CREEK – JONES BOULEVARD STORM DRAIN
PROJECT PRESENTATION – CLA38E20**

The subject project is described in the 2018 Master Plan Update as Facility Numbers DCJB 0000, 0020 and 0043. The project proposes construction of the Duck Creek Jones Boulevard Storm Drain. This project includes 14' x 6' reinforced concrete box, and 10' x 4' reinforced concrete box and 10' x 3' reinforced concrete box. The storm drain starts approximately 150 feet north of Pyle Avenue and extends south approximately 3,600 feet to Conn Avenue. This facility will tie into the existing storm drain facility located north of Pyle Avenue

Representatives from the design consultant, WSP, and Clark County staff will be available to respond to any questions following the brief presentation.

Staff Recommendation:

Accept the project presentation.

Discussion by Technical Advisory Committee:

AGENDA
#09a Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#09a Date: 04/30/2020

Recommendation:



Department of Public Works

500 S Grand Central Pky • Box 554000 • Las Vegas NV 89155-4000
(702) 455-6000 • Fax (702) 455-6040

Denis Cederburg, P.E., Director • E-Mail: dlc@ClarkCountyNV.gov



April 17, 2020

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

DUCK CREEK – JONES BOULEVARD STORM DRAIN

Mr. Parrish:

The design plans and specifications prepared by WSP for the above referenced project, indicated on "Exhibit A", are now 90% complete. The County is pleased to present this project to the Technical Advisory Committee, Citizens Advisory Committee, and RFCD's Board for approval.

The following project information is being submitted to comply with NRS 543.580;

Project History and Description: The project includes construction of the Duck Creek – Jones Boulevard Storm Drain located along Jones Boulevard in the southwest part of the Las Vegas Valley. The storm drain starts approximately 150 feet north of Pyle Avenue and extends south approximately 3,600 feet to Conn Avenue. This facility will tie into the existing storm drain facility located north of Pyle Avenue.

- **Project Cost:** A detailed cost estimate for construction is attached as Exhibit "B". Project costs are estimated to be:

	<u>RFCD</u>	<u>RTC</u>	<u>Developer</u>	<u>Total</u>
Design Engineering		\$572,276		\$572,276
Construction	\$3,328,864	\$6,688,637	\$128,219	\$10,145,720
Construction Management	\$271,905	\$539,752		\$811,657
Entity Construction Labor Cost	\$50,000			\$50,000
TOTAL	\$3,650,769	\$7,800,665	\$128,219	\$11,579,653

- **Outside Funding Sources:** RTC will contribute \$7,800,665 and a Developer will contribute \$128,219 towards construction costs.

- **Projected Construction Schedule:** If funding were made available today, listed below are the estimated dates for construction of the project:

Award of Bid	September 2020
Construction Start Date	December 2020
Construction Duration	9 months

- **Cash Flow Projection:** Attached is a cash flow projection for construction, Exhibit "C".
- **Right-of-Way:** The necessary right-of-way has been obtained.
- **Economic Benefit:** This project proposes to construct a portion of the RFCD MPU network. In September of 2005, RFCD received the document titled "Benefit to Cost Analysis of Capital Programs" prepared by Hobbs, Ong & Associates, Inc., Restrepo Consulting Group/Applied Market Analysis, Post, Buckley, Schuh & Jernigan, Inc. and Public Financial Management, Inc.

The report concludes, "the quantifiable public benefits associated with flood control projects, when compared to costs, show that flood control projects have provided a return of \$2.21 for each dollar expended". When those benefits that are not readily quantifiable are taken into consideration, the contribution that these facilities provide to the welfare of Clark County's residents and the vitality of the local economy increases beyond the calculated ratio. It is expected that the benefit to cost ratio of the RFCD construction program will remain at a level that approximates 2 to 1 through buildout of the Master Plan and over the useful life of the facilities."

- **Environmental Requirements:** Clark County has met all the necessary environmental requirements for this project.
- **Project Enhancements:** None.

If you have any questions, please call me at (702) 455-6140.

Sincerely,

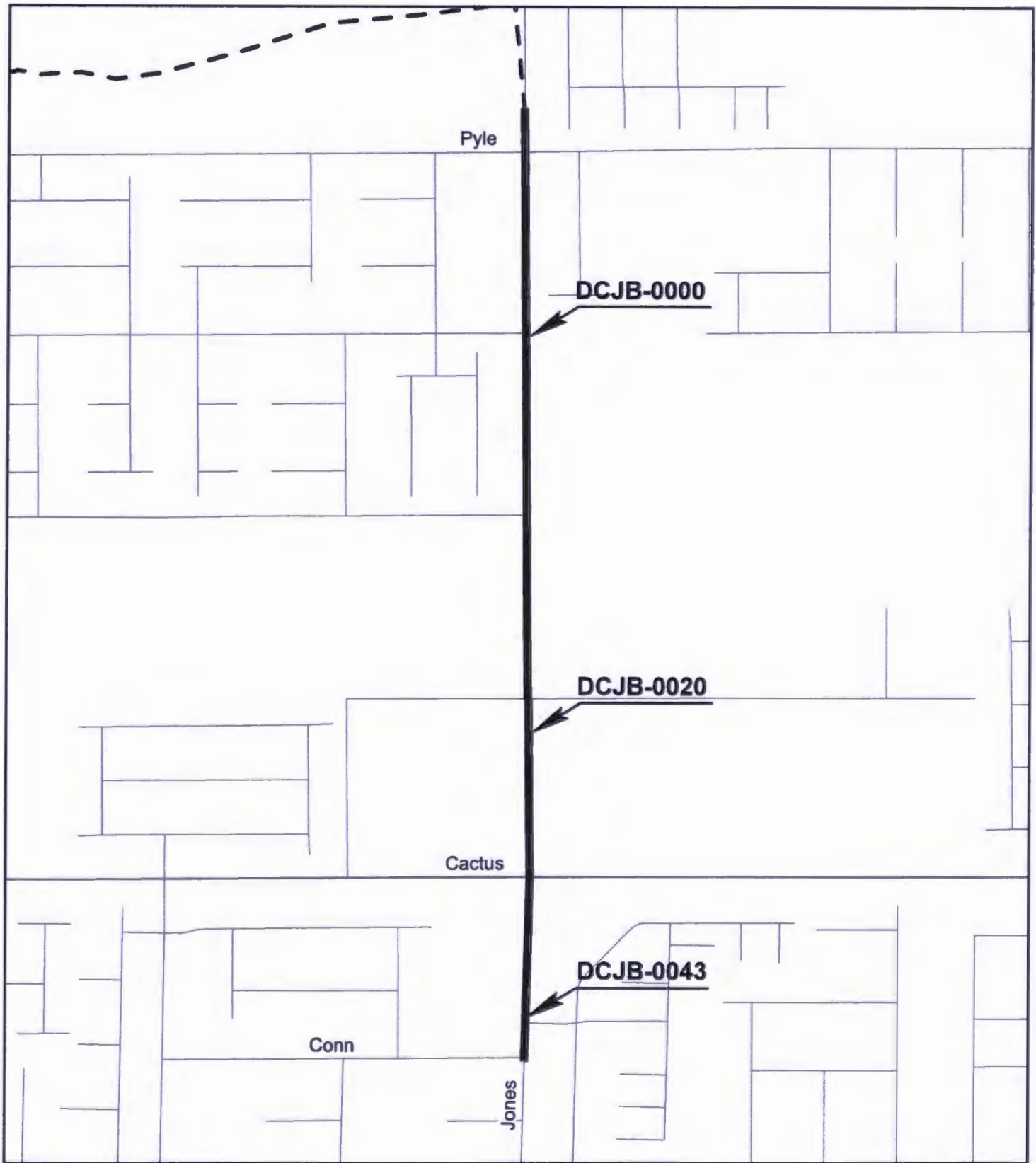
Ryan
Belsick

Digitally signed
by Ryan Belsick
Date:
2020.04.17
13:01:48 -07'00'

Ryan R. Belsick, P.E.
Principal Civil Engineer

RB:ss

Enclosures: Project Map – Exhibit "A"
Detailed Cost Estimate – Exhibit "B"
Cash Flow Projection – Exhibit "C"



Legend




-  Proposed
-  Existing

Exhibit A



	Project Number: CLA38E20	CLARK COUNTY PUBLIC WORKS
		SCALE: NOT TO SCALE
	Duck Creek-Jones Boulevard Storm Drain	DATE: 04-17-2020
		SHEET NUMBER: 1 OF 1

Project Name: Jones Boulevard Phase II Erie Avenue to Pyle Avenue
 Project Number: R033R16
 Bid Number: XXXXXX-20
 Opening Date: XXXXXX XX, 2020
 L Number: 2263
 Design Division Work Order Number: (enter in Bid Tab cell)

FUNDING BREAKDOWN

Item No.	Description	Quantity	Unit	Engineer's Estimate		RTC		CCFRCD		DEVELOPER	
				Unit Price	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
105.01	QUALITY CONTROL ADMINISTRATIVE INCENTIVE	1	LS	\$ 100,000.00	\$ 100,000.00		\$ 66,000.00		\$ 33,000.00		\$ 1,000.00
107.01	TRAFFIC CONTROL	270	DAY	\$ 556.00	\$ 150,120.00		\$ 99,079.20		\$ 49,539.60		\$ 1,501.20
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$ 400,000.00	\$ 400,000.00		\$ 264,000.00		\$ 132,000.00		\$ 4,000.00
109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	30	DAY	\$ 1,500.00	\$ 45,000.00		\$ 29,700.00		\$ 14,850.00		\$ 450.00
109.03	ADDITIONAL AMOUNT OVER \$1500/DAY & AS DETERMINED BY BIDDER	30	DAY	\$ 500.00	\$ 15,000.00		\$ 9,900.00		\$ 4,950.00		\$ 150.00
200.01	MOBILIZATION	1	LS	\$ 547,535.52	\$ 547,535.52		\$ 361,373.45		\$ 180,686.72		\$ 5,475.36
201.01	CLEARING AND GRUBBING	3	ACRE	\$ 5,000.00	\$ 15,000.00	3	\$ 15,000.00		\$ -		\$ -
202.01	REMOVE SIDEWALK/PED PATH	705	SF	\$ 3.00	\$ 2,115.00	705	\$ 2,115.00		\$ -		\$ -
202.02	REMOVE AND RESET EXISTING SIGN PANEL AND POST	1	EA	\$ 150.00	\$ 150.00	1	\$ 150.00		\$ -		\$ -
202.03	REMOVE AND SALVAGE SIGN AND POST	27	EA	\$ 50.00	\$ 1,350.00	27	\$ 1,350.00		\$ -		\$ -
202.04	REMOVE AND SALVAGE EXISTING SIGN PANEL	7	EA	\$ 38.00	\$ 266.00	7	\$ 266.00		\$ -		\$ -
202.05	REMOVE 18-INCH REINFORCED CONCRETE PIPE	233	LF	\$ 35.00	\$ 8,155.00	116.5	\$ 4,078	116.5	\$ 4,078		\$ -
202.06	REMOVE 36-INCH REINFORCED CONCRETE PIPE	34	LF	\$ 60.00	\$ 2,040.00	17.0	\$ 1,020	17.0	\$ 1,020		\$ -
202.07	REMOVE 48-INCH REINFORCED CONCRETE PIPE	287	LF	\$ 80.00	\$ 22,960.00	143.5	\$ 11,480	143.5	\$ 11,480		\$ -
202.08	REMOVE 72-INCH SANITARY SEWER MANHOLE	1	EA	\$ 4,000.00	\$ 4,000.00	0.5	\$ 2,000	0.5	\$ 2,000		\$ -
202.09	REMOVE TYPE I STORM DRAIN MANHOLE	3	EA	\$ 2,000.00	\$ 6,000.00	1.5	\$ 3,000	1.5	\$ 3,000		\$ -
202.10	REMOVE EXISTING 8-INCH PVC WATER LINE	94	LF	\$ 50.00	\$ 4,700.00	47.0	\$ 2,350	47.0	\$ 2,350		\$ -
202.11	REMOVE EXISTING 12-INCH PVC WATER LINE	148	LF	\$ 50.00	\$ 7,400.00	74.0	\$ 3,700	74.0	\$ 3,700		\$ -
202.12	REMOVE NDOT TYPE 28 DROP INLET	3	EA	\$ 1,000.00	\$ 3,000.00	1.5	\$ 1,500	1.5	\$ 1,500		\$ -
202.13	REMOVAL OF MEDIAN ISLAND	453	SF	\$ 5.00	\$ 2,265.00	453.0	\$ 2,265				\$ -
203.01	ROADWAY EXCAVATION	17933	CY	\$ 15.00	\$ 268,995.00	14,081	\$ 211,215.00	3852.0	\$ 57,780.00		\$ -
212.01	3/4" CONCRETE AGGREGATE ROCK (2-INCH)	1760	SY	\$ 3.00	\$ 5,280.00	1,760	\$ 5,280.00		\$ -		\$ -
216.01	COLD PLANING - FINE MILLING (1-INCH)	32617	SY	\$ 2.00	\$ 65,233.56	32,617	\$ 65,233.56		\$ -		\$ -
302.01	TYPE II AGGREGATE BASE	6376	CY	\$ 25.00	\$ 209,400.00	6,655	\$ 166,375.00	1721.0	\$ 43,025.00		\$ -
402.01	PLANTMIX BITUMINOUS PEDESTRIAN PATH	606	SF	\$ 7.00	\$ 4,242.00	606	\$ 4,242.00		\$ -		\$ -
402.02	PLANTMIX BITUMINOUS SURFACE	11004	TON	\$ 100.00	\$ 1,100,400.00	8,079	\$ 807,900.00	2925	\$ 292,500.00		\$ -
413.01	1" UTACS	65221	SY	\$ 7.00	\$ 456,549.27	56,554	\$ 395,880.27	8667	\$ 60,669.00		\$ -
502.01	10-FOOT X 3-FOOT REINFORCED CONCRETE BOX	687	LF	\$ 900.00	\$ 627,300.00	348.5	\$ 313,650	348.5	\$ 313,650		\$ -
502.02	10-FOOT X 4-FOOT REINFORCED CONCRETE BOX	1339	LF	\$ 930.00	\$ 1,245,270.00	689.5	\$ 622,635	689.5	\$ 622,635		\$ -

Project Name: Jones Boulevard Phase II Erie Avenue to Pyle Avenue
 Project Number: R033R16
 Bid Number: XXXXXX-20
 Opening Date: XXXXXX XX, 2020
 L Number: 2253
 Design Division Work Order Number: (enter in Bid Tab cell)

FUNDING BREAKDOWN

Item No.	Description	Quantity	Unit	Engineer's Estimate		RTC		CCFRCD		DEVELOPER	
				Unit Price	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
502.03	12-FOOT X 4-FOOT REINFORCED CONCRETE BOX	318	LF	\$ 1,220.00	\$ 388,448.00	159.2	\$ 194,224	159.2	\$ 194,224		\$ -
502.04	14-FOOT X 6-FOOT REINFORCED CONCRETE BOX	1483	LF	\$ 1,300.00	\$ 1,927,900.00	741.5	\$ 963,950	741.5	\$ 963,950		\$ -
502.05	24-INCH REINFORCED CONCRETE PIPE PLUG	1	EA	\$ 1,250.00	\$ 1,250.00	0.5	\$ 625	0.5	\$ 625		\$ -
502.06	36-INCH REINFORCED CONCRETE PIPE PLUG	3	EA	\$ 1,500.00	\$ 4,500.00	1.5	\$ 2,250	1.5	\$ 2,250		\$ -
502.07	36-INCH X 60-INCH REINFORCED CONCRETE PIPE PLUG	2	EA	\$ 1,500.00	\$ 3,000.00	1.0	\$ 1,500	1.0	\$ 1,500		\$ -
502.08	12-FOOT X 4-FOOT REINFORCED CONCRETE BOX PLUG	1	EA	\$ 2,500.00	\$ 2,500.00	0.5	\$ 1,250	0.5	\$ 1,250		\$ -
502.09	10-FOOT X 3-FOOT TO 10-FOOT X 4-FOOT RCB TRANSITION STRUCTURE	23	LF	\$ 915.00	\$ 21,045.00	11.5	\$ 10,523	11.5	\$ 10,523		\$ -
502.10	10-FOOT X 4-FOOT RCB TO 14-FOOT X 6-FOOT CONFLUENCE TRANSITION	10	LF	\$ 1,115.00	\$ 11,150.00	5.0	\$ 5,575	5.0	\$ 5,575		\$ -
502.11	12-FOOT X 4-FOOT RCB TO 14-FOOT X 6-FOOT CONFLUENCE TRANSITION	10	LF	\$ 1,260.00	\$ 12,600.00	5.0	\$ 6,300	5.0	\$ 6,300		\$ -
502.12	14-FOOT X 6-FOOT RCB TO 14-FOOT X 6-FOOT CONFLUENCE TRANSITION	10	LF	\$ 1,300.00	\$ 13,000.00	5.0	\$ 6,500	5.0	\$ 6,500		\$ -
502.13	14-FOOT X 6-FOOT CONFLUENCE STRUCTURE	1	EA	\$ 40,390.00	\$ 40,390.00	0.5	\$ 20,195	0.5	\$ 20,195		\$ -
502.14	CULVERT HEADWALL	1	EA	\$ 2,000.00	\$ 2,000.00	0.5	\$ 1,000	0.5	\$ 1,000		\$ -
601.01	48-INCH REINFORCED CONCRETE PIPE CULVERT (CLASS III)	59	LF	\$ 100.00	\$ 5,900.00	29.5	\$ 2,950	29.5	\$ 2,950		\$ -
603.01	14-INCH X 23-INCH HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE (CLASS III)	75	LF	\$ 200.00	\$ 15,000.00	37.5	\$ 7,500	37.5	\$ 7,500		\$ -
603.02	18-INCH REINFORCED CONCRETE PIPE (CLASS III)	41	LF	\$ 160.00	\$ 6,560.00	20.5	\$ 3,280	20.5	\$ 3,280		\$ -
603.03	24-INCH REINFORCED CONCRETE PIPE (CLASS III)	74.1	LF	\$ 180.00	\$ 13,338.00	37.1	\$ 6,669	37.1	\$ 6,669		\$ -
603.04	30-INCH REINFORCED CONCRETE PIPE (CLASS III)	34	LF	\$ 215.00	\$ 7,310.00	17.0	\$ 3,655	17.0	\$ 3,655		\$ -
603.05	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	156	LF	\$ 225.00	\$ 35,100.00	78.0	\$ 17,550	78.0	\$ 17,550		\$ -
603.06	48-INCH REINFORCED CONCRETE PIPE (CLASS III)	38	LF	\$ 290.00	\$ 11,020.00	19.0	\$ 5,510	19.0	\$ 5,510		\$ -
603.07	36-INCH X 60-INCH HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE (CLASS III)	216	LF	\$ 400.00	\$ 86,400.00	108.0	\$ 43,200	108.0	\$ 43,200		\$ -
609.01	12.5-INCH TYPE CM2 DROP INLET	1	EA	\$ 16,250.00	\$ 16,250.00	0.5	\$ 8,125	0.5	\$ 8,125		\$ -
609.02	20-INCH TYPE CM2 DROP INLET	7	EA	\$ 26,000.00	\$ 182,000.00	3.5	\$ 91,000	3.5	\$ 91,000		\$ -
609.03	TYPE III STORM DRAIN MANHOLE	3	EA	\$ 8,000.00	\$ 24,000.00	1.5	\$ 12,000	1.5	\$ 12,000		\$ -
609.04	PRECAST REINFORCED CONCRETE BOX ACCESS MANHOLE	11	EA	\$ 8,000.00	\$ 88,000.00	5.5	\$ 44,000	5.5	\$ 44,000		\$ -
609.05	REINFORCED CONCRETE BOX LOW COVER MANHOLE	2	EA	\$ 8,000.00	\$ 16,000.00	1.0	\$ 8,000	1.0	\$ 8,000		\$ -
609.06	ADJUST STORM DRAIN MANHOLE COVER	9	EA	\$ 1,000.00	\$ 9,000.00	9	\$ 9,000.00		\$ -		\$ -
613.01	"A" TYPE ISLAND CURB	1918	LF	\$ 15.00	\$ 28,770.00	1,918	\$ 28,770.00		\$ -		\$ -
613.02	"L" TYPE CURB AND GUTTER	4588	LF	\$ 30.00	\$ 137,840.00	4,588	\$ 137,840.00		\$ -		\$ -
613.03	TACK-ON ISLAND CURB	398	LF	\$ 18.00	\$ 7,164.00	398	\$ 7,164.00		\$ -		\$ -

Project Name: Jones Boulevard Phase II Erie Avenue to Pyle Avenue

FUNDING BREAKDOWN

Project Number: R033R16

Bid Number: XXXXXX-20

Opening Date: XXXXXX XX, 2020

L Number: 2263

Design Division Work Order Number: (enter in Bid Tab cell)

Item No.	Description	Quantity	Unit	Engineer's Estimate		RTC		CCFRCD		DEVELOPER	
				Unit Price	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
613.04	TACK-ON MEDIAN ISLAND	3090	SF	\$ 10.00	\$ 30,900.00	3,090	\$ 30,900.00		\$ -		\$ -
613.05	CONCRETE MEDIAN ISLAND	4933	SF	\$ 15.00	\$ 73,995.00	4,933	\$ 73,995.00		\$ -		\$ -
613.06	CAST-IN-PLACE DETECTABLE WARNING PANEL	90	SF	\$ 40.00	\$ 3,600.00	90	\$ 3,600.00		\$ -		\$ -
613.07	CONCRETE SIDEWALK	5005	SF	\$ 10.00	\$ 50,050.00	2,285	\$ 22,850.00		\$ -	2720	\$ 27,200.00
613.08	CONCRETE CROSS GUTTER	1512	SF	\$ 40.00	\$ 60,480.00	330	\$ 13,200.00		\$ -	1182	\$ 47,280.00
619.01	K71 MARKER POST (YELLOW)	8	EA	\$ 250.00	\$ 2,000.00	8	\$ 2,000.00		\$ -		\$ -
623.01	TRAFFIC SIGNAL MODIFICATION (ERIE AVE)	1	LS	\$ 400,000.00	\$ 400,000.00	1	\$ 400,000.00		\$ -		\$ -
623.02	REMOVE FLASHING BEACON ASSEMBLY (ERIE AVE)	1	LS	\$ 7,500.00	\$ 7,500.00	1	\$ 7,500.00		\$ -		\$ -
623.03	TRAFFIC SIGNAL MODIFICATION (LEVI AVE)	1	LS	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00		\$ -		\$ -
623.04	INSTALL FLASHING BEACON ASSEMBLY (LEVI AVE)	1	LS	\$ 50,000.00	\$ 50,000.00	1	\$ 50,000.00		\$ -		\$ -
623.05	TRAFFIC SIGNAL MODIFICATION (CACTUS AVE)	1	LS	\$ 100,000.00	\$ 100,000.00	1	\$ 100,000.00		\$ -		\$ -
623.06	TRAFFIC SIGNAL MODIFICATION (PYLE AVE)	1	LS	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00		\$ -		\$ -
623.07	MODIFY FLASHING BEACON ASSEMBLY (NO PYLE AVE)	1	LS	\$ 30,000.00	\$ 30,000.00	1	\$ 30,000.00		\$ -		\$ -
623.08	STREETLIGHT ASSEMBLY AND FOUNDATION	2	EA	\$ 3,500.00	\$ 7,000.00	2	\$ 7,000.00		\$ -		\$ -
623.09	P30 PULL BOX	13	EA	\$ 2,000.00	\$ 26,000.00	13	\$ 26,000.00		\$ -		\$ -
623.10	NO. 3-1/2 PULL BOX	1	EA	\$ 2,000.00	\$ 2,000.00	1	\$ 2,000.00		\$ -		\$ -
623.11	1-1/4-INCH PVC CONDUIT	470	LF	\$ 10.00	\$ 4,700.00	470	\$ 4,700.00		\$ -		\$ -
623.12	4-INCH PVC CONDUIT	16520	LF	\$ 15.00	\$ 232,800.00	16,520	\$ 232,800.00		\$ -		\$ -
623.13	#8 CONDUCTOR	510	LF	\$ 1.25	\$ 637.50	510	\$ 637.50		\$ -		\$ -
623.14	#4 CONDUCTOR	510	LF	\$ 1.75	\$ 892.50	510	\$ 892.50		\$ -		\$ -
623.15	6 PR #22 AWG CABLE	15910	LF	\$ 1.50	\$ 23,865.00	15,910	\$ 23,865.00		\$ -		\$ -
623.16	LED LUMINAIRE	26	EA	\$ 200.00	\$ 5,200.00	26	\$ 5,200.00		\$ -		\$ -
626.01	FINAL CLEANUP	1	LS	\$ 30,000.00	\$ 30,000.00	1	\$ 30,000.00		\$ -		\$ -
627.01	PERMANENT SIGN PANEL (D3-1, 12"XVAR)	36	EA	\$ 100.00	\$ 3,600.00	36	\$ 3,600.00		\$ -		\$ -
627.02	PERMANENT SIGN PANEL (R1-1, 36"X36")	18	EA	\$ 100.00	\$ 1,800.00	18	\$ 1,800.00		\$ -		\$ -
627.03	PERMANENT SIGN PANEL (R2-1, 30"X36")	6	EA	\$ 40.00	\$ 240.00	6	\$ 240.00		\$ -		\$ -
627.04	PERMANENT SIGN PANEL (R3-7R, 36"X36")	2	EA	\$ 150.00	\$ 300.00	2	\$ 300.00		\$ -		\$ -
627.05	PERMANENT SIGN PANEL (R3-4, 24"X24")	2	EA	\$ 100.00	\$ 200.00	2	\$ 200.00		\$ -		\$ -
627.06	PERMANENT SIGN PANEL (R3-17, 24"X18")	23	EA	\$ 100.00	\$ 2,300.00	23	\$ 2,300.00		\$ -		\$ -

Project Name: Jones Boulevard Phase II Erie Avenue to Pyle Avenue
 Project Number: R033R16
 Bid Number: XXXXXX-20
 Opening Date: XXXXXX XX, 2020
 L Number: 2253
 Design Division Work Order Number: (enter in Bid Tab cell)

FUNDING BREAKDOWN

Item No.	Description	Quantity	Unit	Engineer's Estimate		RTC		CCFRCD		DEVELOPER	
				Unit Price	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
627.07	PERMANENT SIGN PANEL (R3-17aP, 24"x8")	1	EA	\$ 100.00	\$ 100.00	1	\$ 100.00		\$ -		\$ -
627.08	PERMANENT SIGN PANEL (R3-17bP, 24"x8")	1	EA	\$ 100.00	\$ 100.00	1	\$ 100.00		\$ -		\$ -
627.09	PERMANENT SIGN PANEL (R7-1A, 18"x24")	1	EA	\$ 100.00	\$ 100.00	1	\$ 100.00		\$ -		\$ -
627.10	PERMANENT SIGN PANEL (S1-1, 36"x36")	4	EA	\$ 100.00	\$ 400.00	4	\$ 400.00		\$ -		\$ -
627.11	PERMANENT SIGN PANEL (S5-1, 24"x48")	1	EA	\$ 200.00	\$ 200.00	1	\$ 200.00		\$ -		\$ -
627.12	PERMANENT SIGN PANEL (S5-2, 24"x30")	4	EA	\$ 150.00	\$ 600.00	4	\$ 600.00		\$ -		\$ -
627.13	PERMANENT SIGN PANEL (W16-7P(L), 24"x12")	2	EA	\$ 100.00	\$ 200.00	2	\$ 200.00		\$ -		\$ -
627.14	PERMANENT SIGN PANEL (W16-9P, 24"x12")	2	EA	\$ 100.00	\$ 200.00	2	\$ 200.00		\$ -		\$ -
627.15	PERMANENT SIGN PANEL & POST (R2-1)	5	EA	\$ 525.00	\$ 2,625.00	5	\$ 2,625.00		\$ -		\$ -
627.16	PERMANENT SIGN PANEL & POST (R3-7R)	8	EA	\$ 630.00	\$ 5,040.00	8	\$ 5,040.00		\$ -		\$ -
627.17	PERMANENT SIGN PANEL & POST (R3-17)	11	EA	\$ 600.00	\$ 6,600.00	11	\$ 6,600.00		\$ -		\$ -
627.18	PERMANENT SIGN PANEL & POST (R4-7)	4	EA	\$ 500.00	\$ 2,000.00	4	\$ 2,000.00		\$ -		\$ -
627.19	PERMANENT SIGN PANEL & POST (S1-1)	1	EA	\$ 525.00	\$ 525.00	1	\$ 525.00		\$ -		\$ -
627.20	PERMANENT SIGN PANEL & POST (S5-1)	1	EA	\$ 525.00	\$ 525.00	1	\$ 525.00		\$ -		\$ -
627.21	TYPE 3 PANEL AND POST	1	EA	\$ 500.00	\$ 500.00	1	\$ 500.00		\$ -		\$ -
628.01	(8-INCH, WHITE) POLYUREA PAINT MARKING	100	LF	\$ 2.50	\$ 250.00	100	\$ 250.00		\$ -		\$ -
628.02	(8-INCH X 3-FEET, SKIP WHITE) POLYUREA PAINT MARKING	879	LF	\$ 1.25	\$ 1,098.75	879	\$ 1,098.75		\$ -		\$ -
628.03	TYPE 1 POLYUREA PAVEMENT MARKING (VARIES)(24-INCH SOLID WHITE)	2996	LF	\$ 5.00	\$ 14,980.00	2,996	\$ 14,980.00		\$ -		\$ -
628.04	POLYUREA PAVEMENT MARKING (VARIES)(YELLOW)	25	SF	\$ 2.50	\$ 62.50	25	\$ 62.50		\$ -		\$ -
628.05	REFLECTIVE PAINT, ISLANDS AND CURB	450	SF	\$ 16.00	\$ 7,200.00	450	\$ 7,200.00		\$ -		\$ -
628.06	TYPE 2 (CROSSWALKS AND STOPBARS) MARKING	4322	SF	\$ 6.00	\$ 25,932.00	4,322	\$ 25,932.00		\$ -		\$ -
628.07	TYPE 2 (ARROW) MARKING	85	EA	\$ 8.00	\$ 680.00	64	\$ 512.00	21	\$ 168.00		\$ -
628.08	TYPE 2 (BIKE) MARKING	49	EA	\$ 8.00	\$ 392.00	49	\$ 392.00		\$ -		\$ -
628.09	TYPE 1 PAVEMENT MARKING FILM (6-INCH SKIP WHITE)	3750	LF	\$ 8.00	\$ 30,000.00	3,750	\$ 30,000.00		\$ -		\$ -
628.10	TYPE 1 PAVEMENT MARKING FILM (6-INCH SOLID WHITE)	21442	LF	\$ 8.00	\$ 171,536.00	20,042	\$ 160,336.00	1400	\$ 11,200.00		\$ -
629.01	8-INCH DUCTILE IRON PIPE CLASS 350	98	LF	\$ 127.00	\$ 12,446.00	5	\$ 635.00		\$ -	93	\$ 11,811.00
629.02	8-INCH DUCTILE IRON PIPE CLASS 53	89	LF	\$ 139.70	\$ 12,433.30	89	\$ 12,433.30		\$ -		\$ -
629.03	12-INCH PVC PIPE C-900 CLASS 235	82	LF	\$ 100.00	\$ 8,200.00	82	\$ 8,200.00		\$ -		\$ -
629.04	12-INCH DUCTILE IRON PIPE CLASS 350	79	LF	\$ 228.00	\$ 18,012.00	79	\$ 18,012.00		\$ -		\$ -

Project Name: Jones Boulevard Phase II Erie Avenue to Pyle Avenue
 Project Number: R033R16
 Bid Number: XXXXXX-20
 Opening Date: XXXXXX XX, 2020
 L Number: 2253
 Design Division Work Order Number: (enter in Bid Tab cell)

FUNDING BREAKDOWN

Item No.	Description	Quantity	Unit	Engineer's Estimate		RTC		CCFRCD		DEVELOPER	
				Unit Price	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
629.05	12-INCH DUCTILE IRON PIPE CLASS 53	29	LF	\$ 250.80	\$ 7,273.20	29	\$ 7,273.20		\$ -		\$ -
629.06	12-INCH TAPPING SLEEVE	2	EA	\$ 2,500.00	\$ 5,000.00	2	\$ 5,000.00		\$ -		\$ -
629.07	12-INCH GATE VALVE	2	EA	\$ 2,500.00	\$ 5,000.00	2	\$ 5,000.00		\$ -		\$ -
629.08	12-INCH CAP	2	EA	\$ 200.00	\$ 400.00	2	\$ 400.00		\$ -		\$ -
629.09	24-INCH STEEL CASING	32	LF	\$ 110.00	\$ 3,520.00	32	\$ 3,520.00		\$ -		\$ -
629.10	ADJUST WATER MANHOLE	4	EA	\$ 1,000.00	\$ 4,000.00	4	\$ 4,000.00		\$ -		\$ -
629.11	ADJUST WATER VALVE	42	EA	\$ 750.00	\$ 31,500.00	42	\$ 31,500.00		\$ -		\$ -
630.01	ADJUST SANITARY SEWER MANHOLE	23	EA	\$ 1,000.00	\$ 23,000.00	23	\$ 23,000.00		\$ -		\$ -
630.02	72-INCH SANITARY SEWER MANHOLE	1	EA	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00		\$ -		\$ -
633.01	NON REFLECTIVE RAISED PAVEMENT MARKERS	1952	EA	\$ 4.00	\$ 7,808.00	1,337	\$ 5,348.00	615	\$ 2,460.00		\$ -
633.02	360 DEGREE ROUND REFLECTIVE PAVEMENT MARKERS	121	EA	\$ 10.00	\$ 1,210.00	121	\$ 1,210.00		\$ -		\$ -
633.03	REFLECTIVE RAISED PAVEMENT MARKERS	1325	EA	\$ 6.00	\$ 7,950.00	1,040	\$ 6,240.00	285	\$ 1,710.00		\$ -
637.01	DUST CONTROL	270	DAY	\$ 130.00	\$ 35,100.00		\$ 23,166.00		\$ 11,583.00		\$ 351.00
SUBTOTALS					\$ 10,116,720.10		\$ 6,688,637.22		\$ 3,328,864.32		\$ 99,218.56
ADDITIVE / ALTERNATE ITEMS											
NW CORNER OF JONES/PYLE - WATER & SEWER IMPROVEMENTS											
629.12	8"X8" TAPPING SLEEVE	1	EA	\$ 2,000	\$ 2,000.00		\$ -		\$ -	1	\$ 2,000.00
629.13	8-INCH GATE VALVE	2	EA	\$ 2,000	\$ 4,000.00		\$ -		\$ -	2	\$ 4,000.00
629.14	8-INCH PVC WATER LINE	75	LF	\$ 100	\$ 7,500.00		\$ -		\$ -	75	\$ 7,500.00
629.15	8-INCH CAP W/2" BLOWOFF	2	EA	\$ 1,500	\$ 3,000.00		\$ -		\$ -	2	\$ 3,000.00
629.16	18-INCH STEEL CASING	36	LF	\$ 100	\$ 3,600.00		\$ -		\$ -	36	\$ 3,600.00
629.17	12"X8" TAPPING SLEEVE	1	EA	\$ 2,500	\$ 2,500.00		\$ -		\$ -	1	\$ 2,500.00
630.03	48-INCH SANITARY SEWER MANHOLE	1	EA	\$ 2,000	\$ 2,000.00		\$ -		\$ -	1	\$ 2,000.00
630.04	8-INCH PVC SEWER PIPE	26	LF	\$ 150	\$ 3,900.00		\$ -		\$ -	26	\$ 3,900.00
630.05	SEWER CAP	1	EA	\$ 500	\$ 500.00		\$ -		\$ -	1	\$ 500.00
SUBTOTAL ADDITIVE ALTERNATIVE 1					\$ 29,000.00		\$ -		\$ -		\$ 128,218.56
TOTAL COST					\$ 10,145,720.10		\$ 6,688,637.22		\$ 3,328,864.32		\$ 128,218.56

Clark County Regional Flood Control District Cash Flow Projection

Today's Date: 4/9/2020

Project Number: CLA38E20

DUCK CREEK - JONES BOULEVARD STORM DRAIN

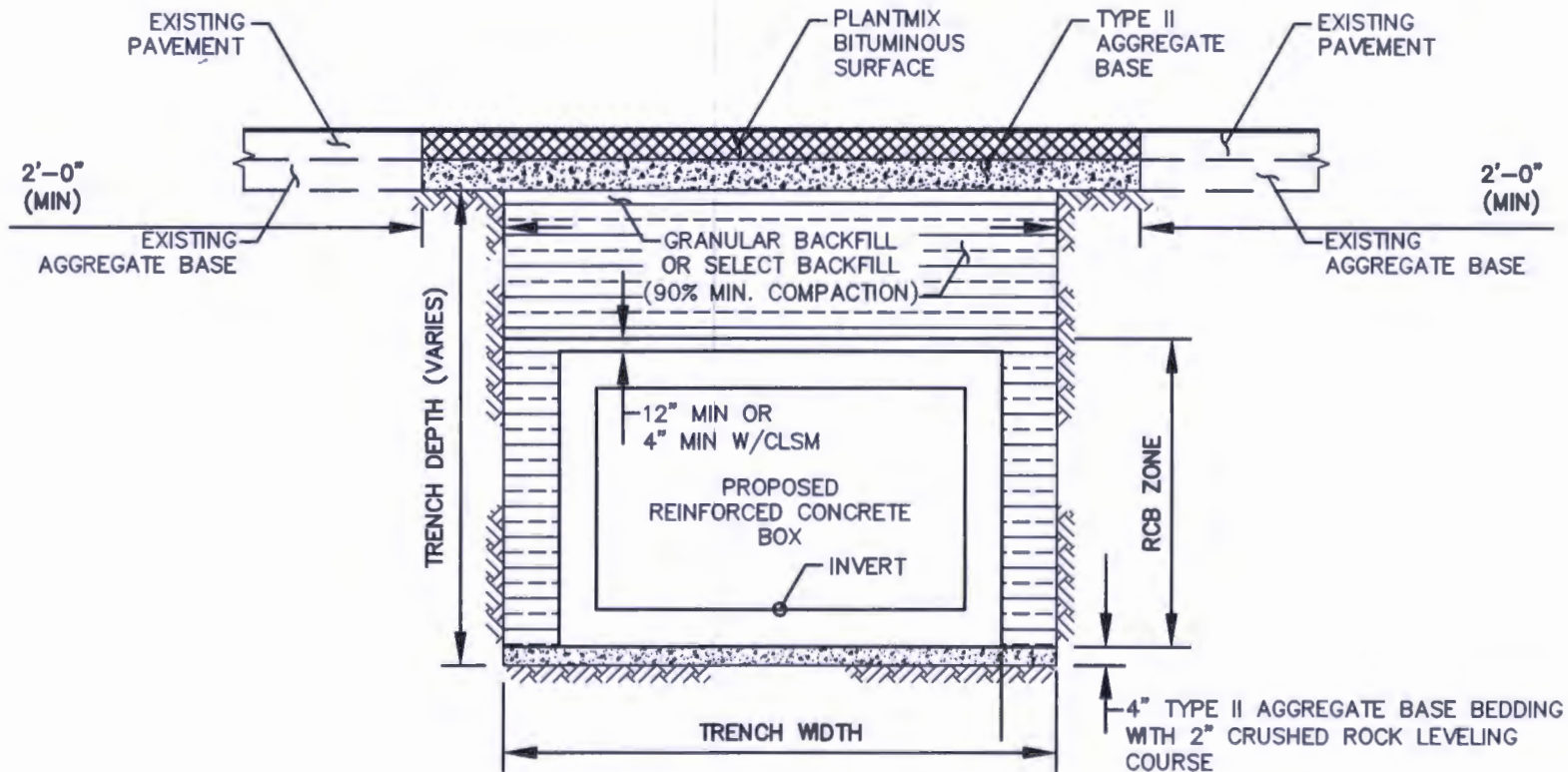
Project Name:

Project Type: Storm Drain

ILC Amount: \$ 3,650,769.00

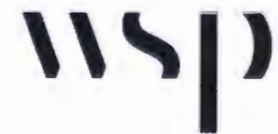
Construction Schedule			
Milestone	Estimate	Revised	Actual
Award of Bid	September-20		
CONS Start	December-20		
CONS Complete	August-21		
Project Duration	9 months		

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate	
	\$	%	\$	%	\$	%	\$	%
Jun-20	0							
Jul-20	0							
Aug-20	0							
Sep-20	0							
Oct-20	0							
Nov-20	0							
Dec-20	182,538.45	5%						
Jan-21	365,076.90	10%						
Feb-21	365,076.90	10%						
Mar-21	547,615.35	15%						
Apr-21	547,615.35	15%						
May-21	547,615.35	15%						
Jun-21	365,076.90	10%						
Jul-21	365,076.90	10%						
Aug-21	365,076.90	10%						
Sep-21	0							
Oct-21	0							
Nov-21	0							
Dec-21	0							
Jan-22	0							
Feb-22	0							
Mar-22	0							
Apr-22	0							
May-22	0							
Jun-22	0							
Jul-22	0							
Aug-22	0							
Sep-22	0							
Total	\$ 3,650,769.00	100%					\$ -	0%



**DUCK CREEK JONES BOULEVARD STORM DRAIN
RCB SECTION**

CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS



**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

DUCK CREEK – JONES BOULEVARD STORM DRAIN

PETITIONER:

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR CONSTRUCTION FOR DUCK CREEK – JONES BOULEVARD STORM DRAIN CLA38E20 (FOR POSSIBLE ACTION)

FISCAL IMPACT:

Construction Management	\$	271,905
Construction	\$	3,328,864
Entity Construction Labor Costs	\$	50,000
Total ILC Value	\$	<u>3,650,769</u>

BACKGROUND:

The Duck Creek Jones Boulevard is described in the 2018 Master Plan Update as Facility Numbers DCJB 0000 0020 and 0043. It is further identified in the Regional Flood Control District's Ten-Year Construction Program with construction scheduled to begin in FY 2019-2020. The proposed improvements include construction of the Duck Creek – Jones Boulevard Storm Drain.

This project is included in Year 1 of the Ten-Year Construction Program.

Respectfully submitted,

TAC AGENDA ITEM #09b Date: 04.30.2020	RFCD AGENDA ITEM # Date: 05.21.2020
CAC AGENDA ITEM #09b Date: 04.30.2020	


DENIS CEDERBURG
Director of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

**DUCK CREEK – JONES BOULEVARD STORM DRAIN
INTERLOCAL CONTRACT – CLA38E20**

The Duck Creek – Jones Boulevard is described in the 2018 Master Plan Update as Facility Numbers DCJB 0000, 0020 and 0043. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with construction to begin in FY 2019-2020. The proposed improvements include construction of the Duck Creek Jones Boulevard Storm Drain.

With the total project construction cost of \$3.3 million, approximately 40 jobs will be created or sustained with this project. District funding will be provided as follows:

Construction	\$3,328,864
Construction Management	\$ 271,905
Entity Construction Labor Costs	\$ 50,000
Total ILC Value	\$3,650,769

This project is included in Year 1 of the Ten-Year Construction Program. The District Attorney has reviewed the contract.

Staff Recommendation:

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

Discussion by Technical Advisory Committee:

AGENDA
#09b Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#09b Date: 04/30/2020

Recommendation:

**INTERLOCAL CONTRACT FOR
DUCK CREEK – JONES BOULEVARD STORM DRAIN**

THIS INTERLOCAL CONTRACT, made and entered into this ____ day of _____, 2020, by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the County of Clark, hereinafter referred to as “COUNTY”.

W I T N E S S E T H

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

WHEREAS, the flood control improvements proposed herein are generally described in the 2018 Clark County Flood Control Master Plan Update, Structures Nos DCJB 0000, 0020 and 0043, hereinafter referred to as “PROJECT”; and

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

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

WHEREAS, it is desirable to proceed with the construction of the PROJECT; and

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

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

SECTION I - SCOPE OF PROJECT

This Interlocal Contract applies to construction and construction engineering of improvements associated with the Duck Creek – Jones Boulevard Storm Drain. The basic improvements shall consist of flood water facilities including 12’ x 6’ reinforced concrete box, and 7’ x 6’ reinforced concrete box. The improvements shall be funded through DISTRICT funds as herein described. The Project is further identified and shown on the attached Exhibit “A.”

SECTION II - PROJECT COSTS

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

1. Construction Management in an amount not to exceed \$ 271,905.00.

2. Construction in the amount not to exceed \$3,328,864.00.
3. Entity Construction Labor Costs in the amount not to exceed \$50,000.00.
4. The total cost of this Interlocal Contract shall not exceed \$3,650,769.00, which includes all the items described in the paragraphs above.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the Project. No other approval by the Lead Entity is required.
6. A written request must be made to the DISTRICT and a supplemental interlocal contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

SECTION III - GENERAL

1. The Clark County Regional Flood Control District shall be shown on the title sheet of both the plans and the specifications as the funding agency.
2. The COUNTY will use its best efforts to award the bid for this project by September 1, 2020. Prior to submission of the first payment request, the Entity will submit to the District a construction schedule and cash flow projection. The COUNTY will take all reasonable steps possible to avoid delays in the construction of DISTRICT funded projects. Project delays more than four months, as measured from the award date, may be subject to a formal review by both the Technical Advisory Committee and the Board. At the review, the COUNTY will have an opportunity to present information relative to the delays, measures taken to avoid the delays and the likelihood of those delays continuing. The Board will make a determination, in view of the delays and limited available funding, whether project funding should continue. In the case that the Board chooses to discontinue funding, the Board may cancel any Interlocal Contract(s) associated with the project and discontinue funding for the remainder of the project. Funding already spent or appropriated by the COUNTY will not be required to be refunded to the DISTRICT. Project funding can be reconsidered at any time when the COUNTY can demonstrate that the project can proceed on an acceptable schedule.
3. The COUNTY will comply with the Local Purchasing Act, Chapter 332, and Public Works Projects, Chapter 338 of the Nevada Revised Statutes.
4. The COUNTY, its employees, and representatives shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed on the PROJECT.
5. The COUNTY will require appropriate financial security for the construction of the PROJECT.

6. The COUNTY shall provide all impacted entities and the DISTRICT with the opportunity to provide the COUNTY with input relative to the following processes: scope of services development; consultant selection; design; construction and maintenance review; and monitoring of the effectiveness and impacts of facilities on flood flows.
7. Applicable portions of the current editions of the Policies and Procedures, the Hydrologic Criteria and Drainage Design Manual, and Uniform Regulations for Control of Drainage adopted by the DISTRICT will apply in developing this PROJECT unless specifically superseded by this CONTRACT.
8. Purchases of right-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the COUNTY. Revenues derived from the sale of these properties, less the cost of the sale of these properties, will be forwarded to the DISTRICT.
9. Administrative settlements and acceptance of counter offers involving right-of-way may only be made following a review and approval by the DISTRICT.
10. The DISTRICT will pay the COUNTY, or make payment directly to its contractor or its consultant, each month for Project costs as outlined in SECTION II - PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
 - a. Predesign Engineering
 - b. Design Engineering
 - c. Entity Design Labor Costs
 - d. Right-of-way
 - e. Environmental
 - f. Emergency Action Plan
 - g. Flood Map Revision
 - h. Construction
 - i. Construction Management
 - j. Entity Construction Management Labor Costs
 - k. Landscape Construction
 - l. Other
11. Accurate documentation of all work done and payments made will be maintained by the COUNTY for a period of three (3) years in hard copy form after final Project approval and payment. Following the three (3) year period, the COUNTY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format.
12. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects both during and after Project completion.

13. Up to the limits set forth in NRS Chapter 41, the COUNTY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of COUNTY officers, employees or agents, related to or under this Contract which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.
14. Any costs found to be improperly allocated to the Project will be refunded by the COUNTY to the DISTRICT.
15. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2025. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days' notice.

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

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

By: _____
MARILYN KIRKPATRICK
Chair

Attest:

LYNN MARIE GOYA
County Clerk

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

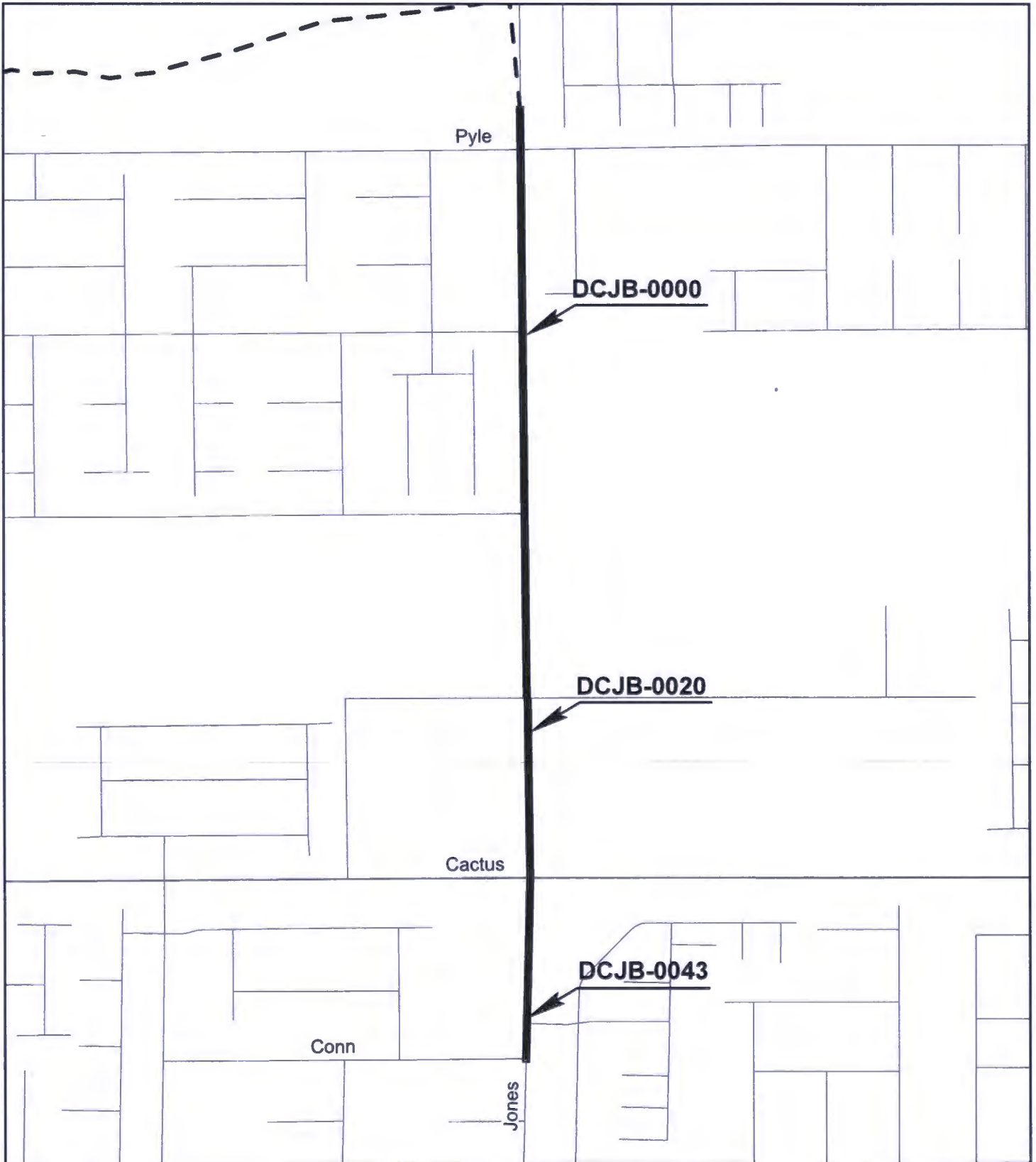
By: _____
LAWRENCE L. BROWN, III, Chair

Attest:

DEANNA HUGHES
Secretary to the Board

Approved as to Form:

CHRISTOPHER FIGGINS
Chief Deputy District Attorney




Legend

- Proposed
- Existing

Exhibit A



	Project Number: CLA38E20	CLARK COUNTY PUBLIC WORKS
	Duck Creek-Jones Boulevard Storm Drain	SCALE: NOT TO SCALE
		DATE: 04-17-2020
		SHEET NUMBER: 1 OF 1

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – BOULDER HWY TO MARYLAND PKWY AND MARYLAND PKWY SYSTEM

PETITIONER: MIKE JANSSEN, DIRECTOR
CITY OF LAS VEGAS PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT ACCEPT THE PRESENTATION ON THE PROPOSED FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – BOULDER HWY TO MARYLAND PKWY AND MARYLAND PKWY SYSTEM – LAS29F20 (FOR POSSIBLE ACTION)

FISCAL IMPACT: None by this action

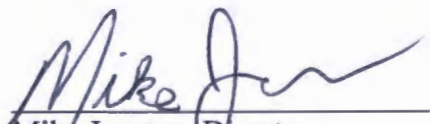
BACKGROUND:

The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Numbers FLBN 0170, 0180, 0205 and 0275 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18’ x 8’ RCB, 12’ x 6’ RCB, 9’ x 8’ RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12’ x 5’ RCB, 6’ x 5’ RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue.

Design drawings and specifications are at 90% complete, right-of-way has been obtained and all necessary permits for project acquired.

Representatives from the City of Las Vegas will be available to respond to any questions following the brief presentation.

Respectfully submitted,


Mike Janssen, Director
Department of Public Works

TAC AGENDA ITEM # 10a Date: 04/30/2020	RFCD AGENDA ITEM # Date: 05/21/2020
CAC AGENDA ITEM # 10a Date: 04/30/2020	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – BOULDER HWY TO MARYLAND PKWY AND MARYLAND PKWY SYSTEM
PROJECT PRESENTATION – LAS29F20

The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Number FLBN 0170, 0180, 0205 and 0275 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18’ x 8’ RCB, 12’ x 6’ RCB, 9’ x 8’ RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12’ x 5’ RCB, 6’ x 5’ RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue.

Design drawings and specifications are at 90% complete, right-of-way has been obtained and all necessary permits for project acquired.

Representatives from the City of Las Vegas will be available to respond to any questions following the brief presentation.

Staff Recommendation:

Accept the project presentation.

Discussion by Technical Advisory Committee:

AGENDA
#10a Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#10a Date: 04/30/2020

Recommendation:



**LAS VEGAS
CITY COUNCIL**

CAROLYN G. GOODMAN
Mayor

MICHELE FIORE
Mayor Pro Tem

STAVROS S. ANTHONY
CEDRIC CREAR
BRIAN KNUDSEN
VICTORIA SEAMAN
OLIVIA DIAZ

SCOTT D. ADAMS
City Manager

**DEVELOPMENT
SERVICES CENTER**
333 N. RANCHO DRIVE
LAS VEGAS, NV 89106
702.229.4830 | VOICE
711 | TTY



April 13, 2020

Steven C. Parrish, P.E.
General Manager/Chief Engineer
Clark County Regional Flood Control District
600 South Grand Central Parkway, Suite 300
Las Vegas, NV 89106-5411

RE: Flamingo-Boulder Highway North, Charleston – Boulder Highway to Maryland Parkway and Maryland Parkway System

Dear Mr. Parrish:

The City of Las Vegas is pleased to present this project to the Technical Advisory Committee, Citizens Advisory Committee and the District’s Board for approval. The design plans and specifications for the above referenced project are now over 90% complete and have been submitted to the District. The following information is being submitted to comply with the requirements set forth by NRS 543.580:

Project History and Project Description: The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Number FLBN 0170, 0180, 0205 and 0275 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18’ x 8’ RCB, 12’ x 6’ RCB, 9’ x 8’ RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12’ x 5’ RCB, 6’ x 5’ RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue. The improvements shall be funded through DISTRICT funds as herein described. This project is further identified and shown on the attached Exhibit “A”.

Project Cost: A detailed cost estimate for construction is attached as “Exhibit B”. Project costs are estimated to be:

Design Engineering	\$ 2,818,829
Entity Design Labor Costs	\$ 60,000
Environmental Mitigation	\$ 5,000
Right-of-Way	\$ 5,000
Las Vegas Valley Water District (construction)	\$ 7,738,184
Regional Transportation Commission (construction)	\$ 16,606,367
RFCD Construction	\$ 37,989,656
RFCD Construction Management	\$ 1,752,160
Entity Construction Labor Costs	\$ 1,287,013
Project Total =	\$ 68,262,209

Outside Funding Sources: The outside funding source from Las Vegas Valley Water District and Regional Transportation Commission are included in the project.

Las Vegas Valley Water District: \$7,738,184
Regional Transportation Commission: \$16,606,367

Projected Construction Schedule: If funding were made available today, listed below are the estimated dates for construction of the project.

- Award of Bid Date: December 1, 2020
- Construction Start Date: January 1, 2021
- Project Duration: 24 months

Cash Flow Projections: Attached is a cash flow projection that estimates how funds will be drawn to pay the contractor.

Right-of-Way: The project will be constructed within an existing Public Right-of-Way.

Economic Benefit: Based on the report prepared by the District dated August 8, 2005 and accepted by the Board on September 8, 2005, the cost benefit ratio is determined to be 2.0 to 1.

Environmental Requirements: A Section 8 Environmental Assessment was accepted by the District in February 11, 2019. The EA showed no significant impacts to the surrounding area.

Project Enhancements: None.

If you have any questions, please contact the undersigned at (702) 229-1815.

Sincerely,



Oh-Sang Kwon, P.E.
Engineering Project Manager
Department of Public Works

Enclosures:
Cash Flow Projection
Project Map – “Exhibit A”
Detailed Cost Estimate – “Exhibit B”

cc: Mike Janssen, P.E. – CLV
Steven Ford, P.E. – CLV
Mark Sorensen, P.E. – CLV

Clark County Regional Flood Control District Cash Flow Projection




Today's Date: 4/12/2020


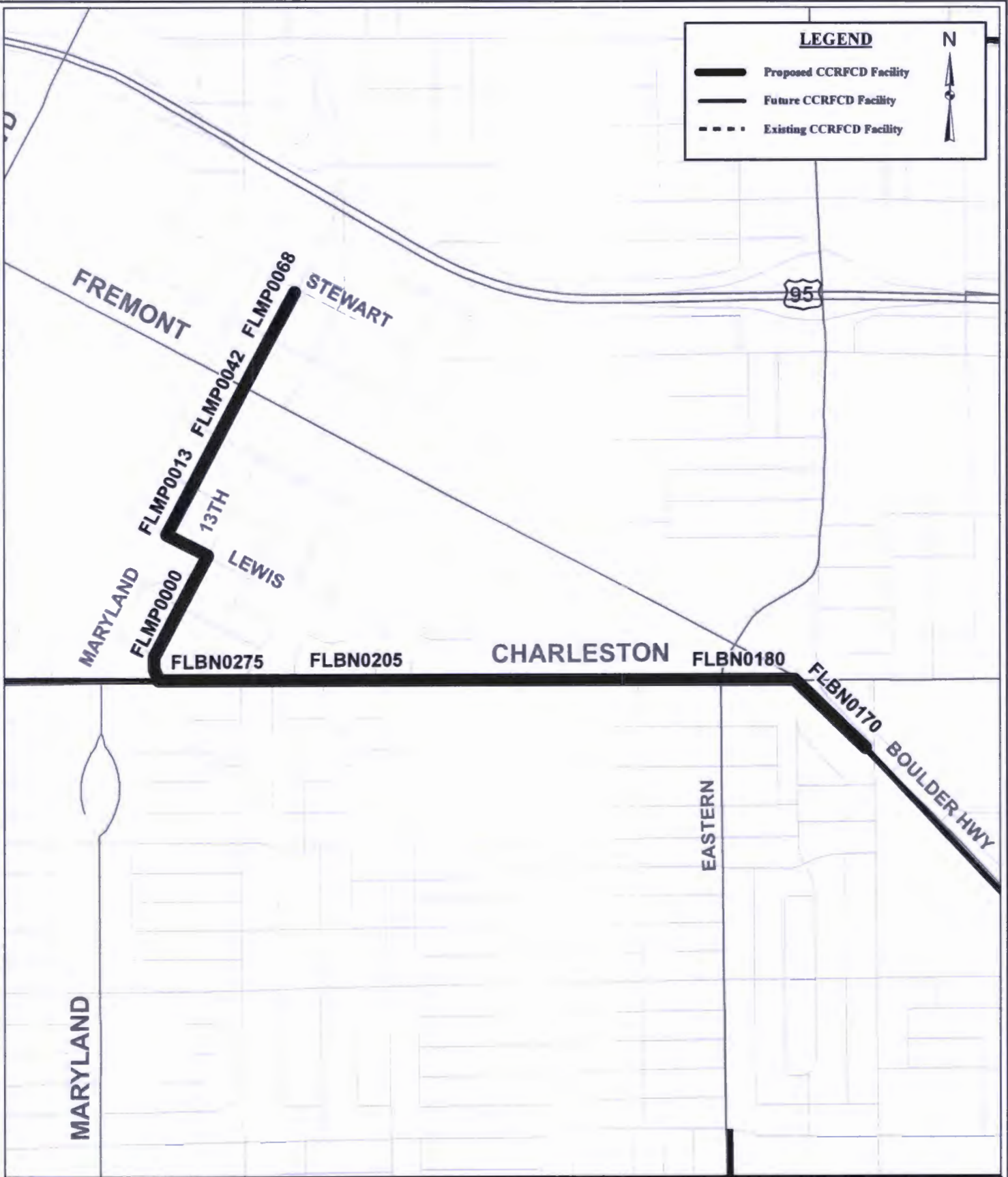
Project Number: LAS29F20
 Project Name: Flamingo - Boulder Highway North, Charleston - Boulder Hwy to Maryland Pkwy and Maryland Pkwy System
 Project Type: Storm Drain
 ILC Amount: \$41,028,829

Construction Schedule			
Milestone	Estimate	Revised	Actual
Award of Bid	12/1/2020		
CONS Start	1/1/2021		
CONS Complete	1/1/2023		
Project Duration	24 months		

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate	
	\$	%	\$	%	\$	%	\$	%
Feb-21	\$410,288	1%						
Mar-21	\$820,577	2%						
Apr-21	\$820,577	2%						
May-21	\$1,230,865	3%						
Jun-21	\$1,230,865	3%						
Jul-21	\$1,641,153	4%						
Aug-21	\$1,641,153	4%						
Sep-21	\$2,051,441	5%						
Oct-21	\$2,051,441	5%						
Nov-21	\$2,461,730	6%						
Dec-21	\$2,872,018	7%						
Jan-22	\$2,872,018	7%						
Feb-22	\$3,282,306	8%						
Mar-22	\$2,872,018	7%						
Apr-22	\$2,461,730	6%						
May-22	\$2,461,730	6%						
Jun-22	\$2,051,441	5%						
Jul-22	\$2,051,441	5%						
Aug-22	\$1,641,153	4%						
Sep-22	\$1,641,153	4%						
Oct-22	\$820,577	2%						
Nov-22	\$820,577	2%						
Dec-22	\$410,288	1%						
Jan-23	\$410,288	1%						
Total	\$41,028,829	100%						0.00%

LEGEND

-  Proposed CCRFCD Facility
-  Future CCRFCD Facility
-  Existing CCRFCD Facility

**EXHIBIT A
FLAMINGO - BOULDER HWY NORTH, CHARLESTON -
BOULDER HWY TO MARYLAND PARKWAY SYSTEM
(LAS29F20)**

SCALE: 1:13,000
DRAWING NAME:
 Flamingo_BoulderHwyNorth
 Charleston_MainSt-MarylandPky-EAST
DRAWN BY: C. JONES
DATE: 04/15/2020
SHEET NUMBER 1 OF 1

Opinion of Probable Construction Cost by Funding Source for
CHARLESTON / MARYLAND STORM DRAIN

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRCD		RTC		LVVWD		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
105.01	CONTRACTOR QUALITY CONTROL	1.00	600,000.00	LS	0.713	\$ 427,800.00	0.287	\$ 172,200.00		\$ -	1.00	\$600,000.00
107.01	PUBLIC OUTREACH PROGRAM	1.00	25,000.00	FA	0.842	\$ 21,050.00		\$ -	0.158	\$ 3,950.00	1.00	\$25,000.00
109.01	CONSTRUCTION CONFLICTS AND CONTINGENCY ALLOWANCE	1.00	5,466,000.00	ALLOWANCE	0.629	\$ 3,438,114.00	0.253	\$ 1,382,898.00	0.118	\$ 644,988.00	1.00	\$5,466,000.00
109.02	OWNER INITIATED TIME EXTENSION ALLOWANCE	48.00	500.00	DAY	48.00	\$ 24,000.00	0.00	\$ -	0.00	\$ -	48.00	\$24,000.00
109.03	OWNER INITIATED TIME EXTENSION AMOUNT IN ADDITION TO ALLOWANCE	48.00	1,500.00	DAY	48.00	\$ 72,000.00	0.00	\$ -	0.00	\$ -	48.00	\$72,000.00
200.01	MOBILIZATION AND DEMOBILIZATION	1.00	2,603,000.00	LS	0.629	\$ 1,637,287.00	0.253	\$ 658,559.00	0.118	\$ 307,154.00	1.00	\$2,603,000.00
202.01	3-INCH ROTOMILL	88,500.00	4.00	SY	0.00	\$ -	88,500.00	\$ 354,000.00	0.00	\$ -	88,500.00	\$354,000.00
202.02	REMOVE BITUMINOUS SURFACE	60,210.00	5.00	SY	0.00	\$ -	60,210.00	\$ 301,050.00	0.00	\$ -	60,210.00	\$301,050.00
202.03	REMOVE STORM DRAIN PIPE	4,350.00	50.00	LF	4,350.00	\$ 217,500.00	0.00	\$ -	0.00	\$ -	4,350.00	\$217,500.00
202.04	REMOVE STORM DRAIN MANHOLE	12.00	2,500.00	EA	12.00	\$ 30,000.00	0.00	\$ -	0.00	\$ -	12.00	\$30,000.00
202.05	REMOVE DROP INLET	29.00	2,500.00	EA	29.00	\$ 72,500.00	0.00	\$ -	0.00	\$ -	29.00	\$72,500.00
202.06	REMOVE BUBBLER SYSTEM	1.00	10,000.00	EA	1.00	\$ 10,000.00	0.00	\$ -	0.00	\$ -	1.00	\$10,000.00
202.07	REMOVE WATER LINE PIPE	8,400.00	50.00	LF	8,400.00	\$ 331,500.00	0.00	\$ -	1,770.00	\$ 88,500.00	8,400.00	\$420,000.00
202.08	REMOVE WATER VALVE	24.00	1,250.00	EA	8.00	\$ 10,000.00	0.00	\$ -	16.00	\$ 20,000.00	24.00	\$30,000.00
202.09	REMOVE SANITARY SEWER PIPE	8,390.00	60.00	LF	8,390.00	\$ 503,400.00	0.00	\$ -	0.00	\$ -	8,390.00	\$503,400.00
202.10	REMOVE SANITARY SEWER MANHOLE	36.00	2,500.00	EA	36.00	\$ 90,000.00	0.00	\$ -	0.00	\$ -	36.00	\$90,000.00
202.11	ABANDON STORM DRAIN PIPE (SLURRY FILL)	10,040.00	75.00	LF	10,040.00	\$ 753,000.00	0.00	\$ -	0.00	\$ -	10,040.00	\$753,000.00
202.12	ABANDON STORM DRAIN MANHOLE	24.00	2,500.00	EA	24.00	\$ 60,000.00	0.00	\$ -	0.00	\$ -	24.00	\$60,000.00
202.13	ABANDON WATER LINE PIPE	11,260.00	30.00	LF	36.00	\$ 10,800.00	0.00	\$ -	10,900.00	\$ 327,000.00	11,260.00	\$337,800.00
202.14	ABANDON WATER LINE PIPE (SLURRY FILL)	1,300.00	40.00	LF	0.00	\$ -	0.00	\$ -	1,300.00	\$ 52,000.00	1,300.00	\$52,000.00
202.15	ABANDON WATER VALVE	55.00	1,250.00	EA	2.00	\$ 2,500.00	0.00	\$ -	53.00	\$ 66,250.00	55.00	\$68,750.00
202.16	ABANDON SANITARY SEWER PIPE (SLURRY FILL)	2,850.00	30.00	LF	2,850.00	\$ 85,500.00	0.00	\$ -	0.00	\$ -	2,850.00	\$85,500.00
202.17	ABANDON SANITARY SEWER MAN HOLE	4.00	2,500.00	EA	4.00	\$ 10,000.00	0.00	\$ -	0.00	\$ -	4.00	\$10,000.00
202.18	REMOVE AND SALVAGE SIGN	14.00	150.00	EA	14.00	\$ 2,100.00	0.00	\$ -	0.00	\$ -	14.00	\$2,100.00
208.01	TRENCH OVER-EXCAVATION AND BACKFILL	4,000.00	75.00	CY	4,000.00	\$ 300,000.00	0.00	\$ -	0.00	\$ -	4,000.00	\$300,000.00
270.01	DEWATERING	1.00	2,000,000.00	LS	1.00	\$ 2,000,000.00	0.00	\$ -	0.00	\$ -	1.00	\$2,000,000.00
402.01	2-INCH PLANTMIX BITUMINOUS SURFACE	88,500.00	20.00	SY	0.00	\$ -	88,500.00	\$ 1,770,000.00	0.00	\$ -	88,500.00	\$1,770,000.00
402.02	4-INCH PLANTMIX BITUMINOUS SURFACE	1,550.00	25.00	SY	0.00	\$ -	1,550.00	\$ 38,750.00	0.00	\$ -	1,550.00	\$38,750.00
402.03	5.5-INCH PLANTMIX BITUMINOUS SURFACE	240.00	75.00	SY	0.00	\$ -	240.00	\$ 18,000.00	0.00	\$ -	240.00	\$18,000.00
402.04	6-INCH PLANTMIX BITUMINOUS SURFACE	7,060.00	35.00	SY	0.00	\$ -	7,060.00	\$ 247,100.00	0.00	\$ -	7,060.00	\$247,100.00
402.05	6.5-INCH PLANTMIX BITUMINOUS SURFACE	7,020.00	37.00	SY	0.00	\$ -	7,020.00	\$ 259,740.00	0.00	\$ -	7,020.00	\$259,740.00
402.06	7.5-INCH PLANTMIX BITUMINOUS SURFACE	780.00	42.00	SY	0.00	\$ -	780.00	\$ 32,760.00	0.00	\$ -	780.00	\$32,760.00
402.07	8-INCH PLANTMIX BITUMINOUS SURFACE	8,920.00	45.00	SY	0.00	\$ -	8,920.00	\$ 401,400.00	0.00	\$ -	8,920.00	\$401,400.00
402.08	9-INCH PLANTMIX BITUMINOUS SURFACE	28,460.00	50.00	SY	0.00	\$ -	28,460.00	\$ 1,423,000.00	0.00	\$ -	28,460.00	\$1,423,000.00
402.09	11-INCH PLANTMIX BITUMINOUS SURFACE	3,230.00	60.00	SY	0.00	\$ -	3,230.00	\$ 193,800.00	0.00	\$ -	3,230.00	\$193,800.00
402.01N	2-INCH PLANTMIX BITUMINOUS SURFACE	2,730.00	20.00	SY	0.00	\$ -	2,730.00	\$ 54,600.00	0.00	\$ -	2,730.00	\$54,600.00
402.02N	9-INCH PLANTMIX BITUMINOUS SURFACE	2,950.00	50.00	SY	0.00	\$ -	2,950.00	\$ 147,500.00	0.00	\$ -	2,950.00	\$147,500.00
403.01N	PLANTMIX BITUMINOUS OPEN-GRADED SURFACE (1-INCH)	5,680.00	12.00	SY	0.00	\$ -	5,680.00	\$ 68,160.00	0.00	\$ -	5,680.00	\$68,160.00
413.01	UTACS (1-INCH) BONDED WITH A PMM, S3 GRADATION	145,760.00	8.00	SY	0.00	\$ -	145,760.00	\$ 1,166,080.00	0.00	\$ -	145,760.00	\$1,166,080.00
502.01	6' X 5' REINFORCED CONCRETE BOX CULVERT	1,265.00	740.00	LF	1,265.00	\$ 936,100.00	0.00	\$ -	0.00	\$ -	1,265.00	\$936,100.00
502.02	10' X 6' REINFORCED CONCRETE BOX CULVERT	876.00	1,480.00	LF	876.00	\$ 1,296,480.00	0.00	\$ -	0.00	\$ -	876.00	\$1,296,480.00
502.03	9' X 8' REINFORCED CONCRETE BOX CULVERT	4,450.00	1,480.00	LF	4,450.00	\$ 6,586,000.00	0.00	\$ -	0.00	\$ -	4,450.00	\$6,586,000.00
502.04	12' X 5' REINFORCED CONCRETE BOX CULVERT	1,428.00	1,370.00	LF	1,428.00	\$ 1,956,360.00	0.00	\$ -	0.00	\$ -	1,428.00	\$1,956,360.00
502.05	12' X 6' REINFORCED CONCRETE BOX CULVERT	638.00	1,580.00	LF	638.00	\$ 1,008,040.00	0.00	\$ -	0.00	\$ -	638.00	\$1,008,040.00
502.06	12' X 8' REINFORCED CONCRETE BOX CULVERT	211.00	3,160.00	LF	211.00	\$ 666,760.00	0.00	\$ -	0.00	\$ -	211.00	\$666,760.00
502.07	18' X 8' REINFORCED CONCRETE BOX CULVERT	1,392.00	2,630.00	LF	1,392.00	\$ 3,660,960.00	0.00	\$ -	0.00	\$ -	1,392.00	\$3,660,960.00
502.08	24' X 6' REINFORCED CONCRETE BOX CULVERT	24.00	5,580.00	LF	24.00	\$ 133,920.00	0.00	\$ -	0.00	\$ -	24.00	\$133,920.00
502.09	TRANSITION STRUCTURE #1 (24' X 6' TO 12' X 8')	1.00	100,000.00	LS	1.00	\$ 100,000.00	0.00	\$ -	0.00	\$ -	1.00	\$100,000.00
502.10	TRANSITION STRUCTURE #2 (12' X 8' TO 9' X 8')	1.00	100,000.00	LS	1.00	\$ 100,000.00	0.00	\$ -	0.00	\$ -	1.00	\$100,000.00
502.11	TRANSITION STRUCTURE #3 (9' X 8' TO 18' X 8')	1.00	100,000.00	LS	1.00	\$ 100,000.00	0.00	\$ -	0.00	\$ -	1.00	\$100,000.00
502.12	TRANSITION STRUCTURE #5 (12' X 5' TO 12' X 6')	1.00	55,000.00	LS	1.00	\$ 55,000.00	0.00	\$ -	0.00	\$ -	1.00	\$55,000.00
502.13	TRANSITION STRUCTURE #1 (24' X 6' TO 12' X 8')	1.00	45,000.00	LS	1.00	\$ 45,000.00	0.00	\$ -	0.00	\$ -	1.00	\$45,000.00
603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS III)	2,358.00	210.00	LF	0.00	\$ -	2,358.00	\$ 495,180.00	0.00	\$ -	2,358.00	\$495,180.00
603.02	24-INCH REINFORCED CONCRETE PIPE (CLASS III)	1,134.00	320.00	LF	228.00	\$ 72,960.00	906.00	\$ 289,920.00	0.00	\$ -	1,134.00	\$362,880.00
603.03	30-INCH REINFORCED CONCRETE PIPE (CLASS III)	673.00	340.00	LF	0.00	\$ -	673.00	\$ 228,820.00	0.00	\$ -	673.00	\$228,820.00
603.04	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	938.00	370.00	LF	598.00	\$ 221,260.00	340.00	\$ 125,800.00	0.00	\$ -	938.00	\$347,060.00
603.05	42-INCH REINFORCED CONCRETE PIPE (CLASS III)	3,114.00	420.00	LF	2,600.00	\$ 1,218,000.00	214.00	\$ 89,880.00	0.00	\$ -	3,114.00	\$1,307,880.00
603.06	48-INCH REINFORCED CONCRETE PIPE (CLASS III)	971.00	480.00	LF	934.00	\$ 448,320.00	37.00	\$ 17,760.00	0.00	\$ -	971.00	\$466,080.00
603.07	54-INCH REINFORCED CONCRETE PIPE (CLASS III)	2,499.00	500.00	LF	2,499.00	\$ 1,249,500.00	0.00	\$ -	0.00	\$ -	2,499.00	\$1,249,500.00
603.08	60-INCH REINFORCED CONCRETE PIPE (CLASS III)	799.00	560.00	LF	799.00	\$ 447,440.00	0.00	\$ -	0.00	\$ -	799.00	\$447,440.00
603.09	66-INCH REINFORCED CONCRETE PIPE (CLASS III)	336.00	660.00	LF	336.00	\$ 221,760.00	0.00	\$ -	0.00	\$ -	336.00	\$221,760.00
603.10	23-INCH X 14-INCH HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE (CLASS III)	57.00	630.00	LF	0.00	\$ -	57.00	\$ 35,910.00	0.00	\$ -	57.00	\$35,910.00
603.11	53-INCH X 34-INCH HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE (CLASS III)	33.00	690.00	LF	0.00	\$ -	33.00	\$ 22,770.00	0.00	\$ -	33.00	\$22,770.00
603.12	18-INCH C900 PVC PIPE	242.00	270.00	LF	0.00	\$ -	242.00	\$ 65,340.00	0.00	\$ -	242.00	\$65,340.00
603.13	24-INCH C900 PVC PIPE	255.00	320.00	LF	147.00	\$ 47,040.00	108.00	\$ 34,560.00	0.00	\$ -	255.00	\$81,600.00
603.14	30-INCH C900 PVC PIPE	103.00	370.00	LF	0.00	\$ -	103.00	\$ 38,110.00	0.00	\$ -	103.00	\$38,110.00
603.15	36-INCH C900 PVC PIPE	45.00	420.00	LF	0.00	\$ -	45.00	\$ 18,900.00	0.00	\$ -	45.00	\$18,900.00

Opinion of Probable Construction Cost by Funding Source for
CHARLESTON / MARYLAND STORM DRAIN

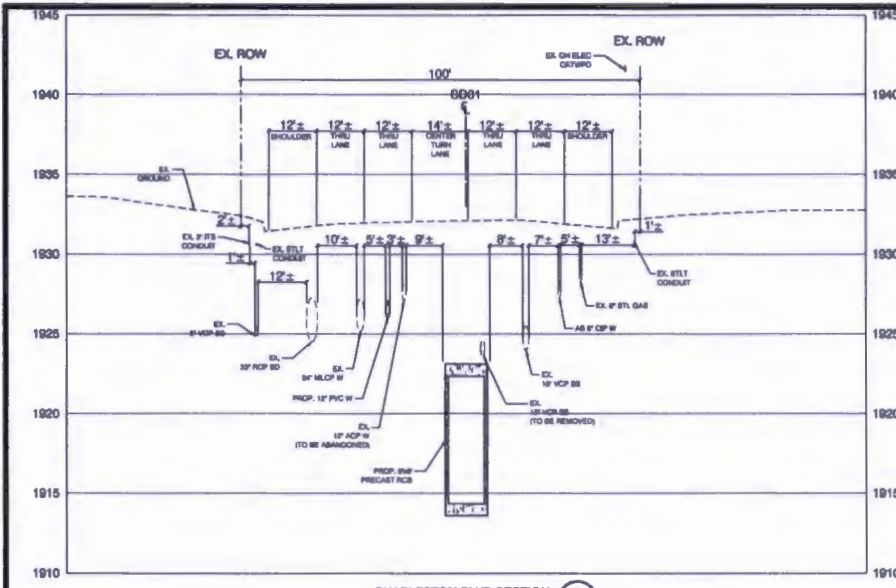
ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		RTC		LVVWD		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
603.16	48-INCH C900 PVC PIPE	28.00	480.00	LF	0.00	\$ -	28.00	\$ 13,440.00	0.00	\$ -	28.00	\$13,440.00
609.01	60-INCH TYPE I STORM DRAIN MANHOLE	5.00	11,200.00	EA	3.00	\$ 33,600.00	2.00	\$ 22,400.00	0.00	\$ -	5.00	\$56,000.00
609.02	TYPE II STORM DRAIN MANHOLE	51.00	15,000.00	EA	39.00	\$ 585,000.00	12.00	\$ 180,000.00	0.00	\$ -	51.00	\$765,000.00
609.03	TYPE III STORM DRAIN MANHOLE	21.00	14,000.00	EA	21.00	\$ 294,000.00	0.00	\$ -	0.00	\$ -	21.00	\$294,000.00
609.04	RCB RISER MANHOLE	29.00	4,500.00	EA	29.00	\$ 130,500.00	0.00	\$ -	0.00	\$ -	29.00	\$130,500.00
609.05	2.5-FOOT TYPE "CM2" DROP INLET	1.00	8,000.00	EA	0.00	\$ -	1.00	\$ 8,000.00	0.00	\$ -	1.00	\$8,000.00
609.06	5-FOOT TYPE "CM2" DROP INLET	11.00	12,000.00	EA	0.00	\$ -	11.00	\$ 132,000.00	0.00	\$ -	11.00	\$132,000.00
609.07	5-FOOT TYPE "CM" DROP INLET	6.00	14,000.00	EA	0.00	\$ -	6.00	\$ 84,000.00	0.00	\$ -	6.00	\$84,000.00
609.08	10-FOOT TYPE "CM2" DROP INLET	5.00	17,000.00	EA	0.00	\$ -	5.00	\$ 85,000.00	0.00	\$ -	5.00	\$85,000.00
609.09	10-FOOT TYPE "CM" DROP INLET	3.00	19,000.00	EA	0.00	\$ -	3.00	\$ 57,000.00	0.00	\$ -	3.00	\$57,000.00
609.10	12.5-FOOT TYPE "CM2" DROP INLET	4.00	19,000.00	EA	0.00	\$ -	4.00	\$ 76,000.00	0.00	\$ -	4.00	\$76,000.00
609.11	12.5-FOOT TYPE "CM" DROP INLET	6.00	21,000.00	EA	0.00	\$ -	6.00	\$ 126,000.00	0.00	\$ -	6.00	\$126,000.00
609.12	15-FOOT TYPE "CM2" DROP INLET	8.00	21,000.00	EA	0.00	\$ -	8.00	\$ 168,000.00	0.00	\$ -	8.00	\$168,000.00
609.13	15-FOOT TYPE "CM" DROP INLET	3.00	23,000.00	EA	0.00	\$ -	3.00	\$ 69,000.00	0.00	\$ -	3.00	\$69,000.00
609.14	17.5-FOOT TYPE "CM" DROP INLET	1.00	23,000.00	EA	0.00	\$ -	1.00	\$ 23,000.00	0.00	\$ -	1.00	\$23,000.00
609.15	20-FOOT TYPE "CM2" DROP INLET	16.00	25,000.00	EA	0.00	\$ -	16.00	\$ 400,000.00	0.00	\$ -	16.00	\$400,000.00
609.16	20-FOOT TYPE "CM" DROP INLET	17.00	27,000.00	EA	0.00	\$ -	17.00	\$ 459,000.00	0.00	\$ -	17.00	\$459,000.00
609.17	5-FOOT SPECIAL DESIGN TYPE "CM2" DROP INLET	1.00	13,000.00	EA	0.00	\$ -	1.00	\$ 13,000.00	0.00	\$ -	1.00	\$13,000.00
609.18	5-FOOT SPECIAL DESIGN DEEP TYPE "CM2" DROP INLET	4.00	15,000.00	EA	0.00	\$ -	4.00	\$ 60,000.00	0.00	\$ -	4.00	\$60,000.00
609.19	5-FOOT SPECIAL DESIGN DEEP TYPE "CM" DROP INLET	2.00	18,000.00	EA	0.00	\$ -	2.00	\$ 36,000.00	0.00	\$ -	2.00	\$36,000.00
609.20	7.5-FOOT SPECIAL DESIGN DEEP TYPE "CM2" DROP INLET	1.00	18,000.00	EA	0.00	\$ -	1.00	\$ 18,000.00	0.00	\$ -	1.00	\$18,000.00
609.21	10-FOOT SPECIAL DESIGN DEEP TYPE "CM2" DROP INLET	1.00	18,000.00	EA	0.00	\$ -	1.00	\$ 18,000.00	0.00	\$ -	1.00	\$18,000.00
609.22	10-FOOT SPECIAL DESIGN DEEP TYPE "CM" DROP INLET	2.00	21,000.00	EA	0.00	\$ -	2.00	\$ 42,000.00	0.00	\$ -	2.00	\$42,000.00
609.23	12.5-FOOT SPECIAL DESIGN DEEP TYPE "CM" DROP INLET	1.00	24,000.00	EA	0.00	\$ -	1.00	\$ 24,000.00	0.00	\$ -	1.00	\$24,000.00
609.24	15-FOOT SPECIAL DESIGN DEEP TYPE "CM2" DROP INLET	1.00	25,000.00	EA	0.00	\$ -	1.00	\$ 25,000.00	0.00	\$ -	1.00	\$25,000.00
609.25	15-FOOT SPECIAL DESIGN DEEP TYPE "CM" DROP INLET	1.00	28,000.00	EA	0.00	\$ -	1.00	\$ 28,000.00	0.00	\$ -	1.00	\$28,000.00
609.26	20-FOOT SPECIAL DESIGN DEEP TYPE "CM2" DROP INLET	5.00	32,000.00	EA	0.00	\$ -	5.00	\$ 160,000.00	0.00	\$ -	5.00	\$160,000.00
609.27	20-FOOT SPECIAL DESIGN DEEP TYPE "CM" DROP INLET	3.00	35,000.00	EA	0.00	\$ -	3.00	\$ 105,000.00	0.00	\$ -	3.00	\$105,000.00
609.28	VERTICALLY ADJUST STORM DRAIN MANHOLE TO FINISH GRADE	8.00	1,500.00	EA	8.00	\$ 12,000.00	0.00	\$ -	0.00	\$ -	8.00	\$12,000.00
613.01	TYPE A CURB	5,830.00	25	LF	0.00	\$ -	5,830.00	\$ 145,750.00	0.00	\$ -	5,830.00	\$145,750.00
613.02	MODIFIED TYPE A CURB	40.00	50	LF	0.00	\$ -	40.00	\$ 2,000.00	0.00	\$ -	40.00	\$2,000.00
613.03	TYPE 2 CURB	1,380.00	40	LF	0.00	\$ -	1,380.00	\$ 55,200.00	0.00	\$ -	1,380.00	\$55,200.00
613.04	TYPE L CURB AND GUTTER	270.00	50	LF	0.00	\$ -	270.00	\$ 13,500.00	0.00	\$ -	270.00	\$13,500.00
613.05	CONCRETE SIDEWALK	1,010.00	10	SF	0.00	\$ -	1,010.00	\$ 10,100.00	0.00	\$ -	1,010.00	\$10,100.00
613.06	CONCRETE CROSS GUTTER	10,310.00	20	SF	0.00	\$ -	10,310.00	\$ 206,200.00	0.00	\$ -	10,310.00	\$206,200.00
613.07	CONCRETE MEDIAN SURFACE	6,830.00	10	SF	0.00	\$ -	6,830.00	\$ 68,300.00	0.00	\$ -	6,830.00	\$68,300.00
613.08	MEDIAN PAVERS	2,880.00	30	SF	0.00	\$ -	2,880.00	\$ 86,400.00	0.00	\$ -	2,880.00	\$86,400.00
613.09	CAST-IN-PLACE DETECTABLE WARNING PANEL	4.00	1,000	EA	0.00	\$ -	4.00	\$ 4,000.00	0.00	\$ -	4.00	\$4,000.00
616.01	PEDESTRIAN RAIL (TYPE R)	35.00	350.00	LF	0.00	\$ -	35.00	\$ 12,250.00	0.00	\$ -	35.00	\$12,250.00
619.01	K71 SELF RE-ERECTING MARKER POST (YELLOW)	8.00	250	EA	0.00	\$ -	8.00	\$ 2,000.00	0.00	\$ -	8.00	\$2,000.00
622.01	CONSTRUCTION SURVEYING	1.00	225,000.00	LS	1.00	\$ 225,000.00	0.00	\$ -	0.00	\$ -	1.00	\$225,000.00
623.01	LOOP DETECTOR REPLACEMENT (CHARLESTON BLVD / MARY AND PKWY)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.02	LOOP DETECTOR REPLACEMENT (CHARLESTON BLVD / 15TH	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.03	LOOP DETECTOR REPLACEMENT (CHARLESTON BLVD / BRUCE ST)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.04	LOOP DETECTOR REPLACEMENT (CHARLESTON BLVD / EASTERN AVE)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.05	LOOP DETECTOR REPLACEMENT (CHARLESTON BLVD / FREMONT ST)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.06	LOOP DETECTOR REPLACEMENT (FRANKLIN AVE / MARYLAND PKWY)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.07	LOOP DETECTOR REPLACEMENT (BONNEVILLE AVE / MARY AND PKWY)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.08	LOOP DETECTOR REPLACEMENT (CLARK AVE / MARYLAND PKWY)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.09	LOOP DETECTOR REPLACEMENT (STEWART AVE / MARYLAND PKWY)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.10	LOOP DETECTOR REPLACEMENT (OGDEN AVE / MARYLAND PKWY)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.11	LOOP DETECTOR REPLACEMENT (FREMONT ST / MARYLAND PKWY)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.12	LOOP DETECTOR REPLACEMENT (CARSON AVE / MARYLAND PKWY)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.13	LOOP DETECTOR REPLACEMENT (FREMONT ST / EASTERN AVE)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.14	TRAFFIC SIGNAL / INTERCONNECT CONDUIT PROTECTION REMOVE AND RESET STREETLIGHT ASSEMBLY ON NEW FOUNDATION	1.00	500,000	LS	0.842	\$ 421,000.00	0.00	\$ -	0.158	\$ 79,000.00	1.00	\$500,000.00
623.15		10.00	5,200	EA	10.00	\$ 52,000.00	0.00	\$ -	0.00	\$ -	10.00	\$52,000.00

Opinion of Probable Construction Cost by Funding Source for
CHARLESTON / MARYLAND STORM DRAIN

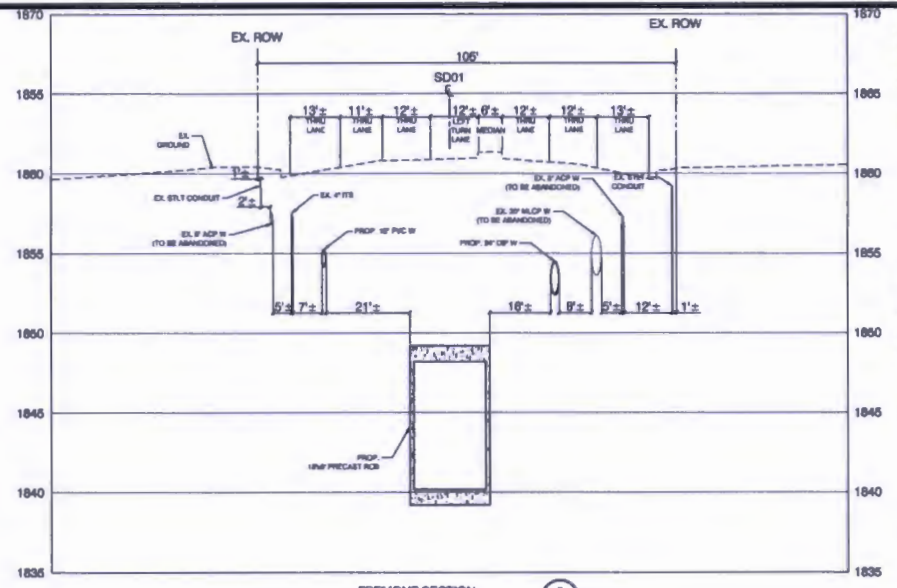
ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		RTC		LVVWD		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
623.16	REMOVE AND RESET TYPE 1 RRFB POLE ASSEMBLY ON NEW FOUNDATION	2.00	6,100	EA	2.00	\$ 12,200.00	0.00	\$ -	0.00	\$ -	2.00	\$12,200.00
623.17	RELOCATE COPPER ITS	1.00	12,000	LS	1.00	\$ 12,000.00	0.00	\$ -	0.00	\$ -	1.00	\$12,000.00
624.01	TRAFFIC CONTROL AND MAINTENANCE	1.00	1,800,000	LS	0.629	\$ 1,132,200.00	0.253	\$ 455,400.00	0.118	\$ 212,400.00	1.00	\$1,800,000.00
627.01	PERMANENT SIGN (GROUND MOUNTED)	12.00	300	EA	12.00	\$ 3,600.00	0.00	\$ -	0.00	\$ -	12.00	\$3,600.00
628.01	TYPE 2 "ONLY" MARKING	12.00	300	EA	0.00	\$ -	12.00	\$ 3,600.00	0.00	\$ -	12.00	\$3,600.00
628.02	TYPE 2 (ARROW) MARKING	142.00	250	EA	0.00	\$ -	142.00	\$ 35,500.00	0.00	\$ -	142.00	\$35,500.00
628.03	TYPE 2 (BIKE LEGEND) MARKING	7.00	250	EA	0.00	\$ -	7.00	\$ 1,750.00	0.00	\$ -	7.00	\$1,750.00
628.04	TYPE 2 MARKING FOR CROSSWALKS, YIELD BARS, AND STOP BARS	18,400.00	6	SF	0.00	\$ -	18,400.00	\$ 110,400.00	0.00	\$ -	18,400.00	\$110,400.00
628.05	TYPE 2 WHITE CHEVRON MARKING	30.00	6	SF	0.00	\$ -	30.00	\$ 180.00	0.00	\$ -	30.00	\$180.00
628.06	TYPE 2 YELLOW DIAGONAL MARKING	210.00	6	SF	0.00	\$ -	210.00	\$ 1,260.00	0.00	\$ -	210.00	\$1,260.00
628.07	PREFORMED THERMOPLASTIC GREEN BIKE LANE	60.00	10	SF	0.00	\$ -	60.00	\$ 600.00	0.00	\$ -	60.00	\$600.00
628.08	MEDIAN NOSE MARKINGS AND MARKERS	8.00	250	EA	0.00	\$ -	8.00	\$ 2,000.00	0.00	\$ -	8.00	\$2,000.00
628.09	6-INCH SOLID WHITE LINE (POLYUREA)	5,240.00	2	EA	0.00	\$ -	5,240.00	\$ 7,860.00	0.00	\$ -	5,240.00	\$7,860.00
628.10	8-INCH SOLID WHITE LINE (POLYUREA)	8,800.00	2	EA	0.00	\$ -	8,800.00	\$ 17,600.00	0.00	\$ -	8,800.00	\$17,600.00
628.11	8-INCH X 3-FOOT SKIP WHITE LINE (POLYUREA)	280.00	2	EA	0.00	\$ -	280.00	\$ 420.00	0.00	\$ -	280.00	\$420.00
629.01	24-INCH X 18-INCH WET TAP CONNECTION	2.00	115,000	EA	0.00	\$ -	0.00	\$ -	2.00	\$ 230,000.00	2.00	\$230,000.00
629.02	12-INCH X 8-INCH WET TAP CONNECTION	3.00	25,000	EA	0.00	\$ -	0.00	\$ -	3.00	\$ 75,000.00	3.00	\$75,000.00
629.03	12-INCH X 6-INCH WET TAP CONNECTION	2.00	23,000	EA	0.00	\$ -	0.00	\$ -	2.00	\$ 46,000.00	2.00	\$46,000.00
629.04	8-INCH X 6-INCH WET TAP CONNECTION	1.00	20,000	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 20,000.00	1.00	\$20,000.00
629.05	6-INCH X 4-INCH WET TAP CONNECTION	1.00	18,000	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 18,000.00	1.00	\$18,000.00
629.06	24-INCH POLY WRAPPED CLASS 250 DUCTILE IRON	684.00	420	LF	0.00	\$ -	0.00	\$ -	684.00	\$ 287,280.00	684.00	\$287,280.00
629.07	18-INCH POLY WRAPPED CLASS 250 DUCTILE IRON	1,020.00	320	LF	0.00	\$ -	0.00	\$ -	1,020.00	\$ 326,400.00	1,020.00	\$326,400.00
629.08	12-INCH POLY WRAPPED CLASS 350 DUCTILE IRON	566.00	370	LF	207.00	\$ 76,590.00	0.00	\$ -	359.00	\$ 132,830.00	566.00	\$209,420.00
629.09	8-INCH POLY WRAPPED CLASS 350 DUCTILE IRON WATERLINE	1,076.00	230	LF	218.00	\$ 50,140.00	0.00	\$ -	858.00	\$ 197,340.00	1,076.00	\$247,480.00
629.10	6-INCH POLY WRAPPED CLASS 350 DUCTILE IRON WATERLINE	102.00	170	LF	50.00	\$ 8,500.00	0.00	\$ -	52.00	\$ 8,840.00	102.00	\$17,340.00
629.11	12-INCH C900 PVC WATERLINE	7,537.00	200	LF	0.00	\$ -	0.00	\$ -	7,537.00	\$ 1,507,400.00	7,537.00	\$1,507,400.00
629.12	8-INCH C800 PVC WATERLINE	4,280.00	175	LF	464.00	\$ 81,200.00	0.00	\$ -	3,816.00	\$ 667,800.00	4,280.00	\$749,000.00
629.13	16-INCH GATE VALVE	4.00	9,520	EA	0.00	\$ -	0.00	\$ -	4.00	\$ 38,080.00	4.00	\$38,080.00
629.14	12-INCH GATE VALVE	29.00	4,500	EA	0.00	\$ -	0.00	\$ -	29.00	\$ 130,500.00	29.00	\$130,500.00
629.15	10-INCH GATE VALVE	1.00	3,750	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 3,750.00	1.00	\$3,750.00
629.16	8-INCH GATE VALVE	40.00	3,200	EA	6.00	\$ 16,000.00	0.00	\$ -	35.00	\$ 112,000.00	40.00	\$128,000.00
629.17	6-INCH GATE VALVE	3.00	2,750	EA	1.00	\$ 2,750.00	0.00	\$ -	2.00	\$ 5,500.00	3.00	\$8,250.00
629.18	1-INCH SERVICE LATERAL RE-CONNECTION	70.00	5,050	EA	11.00	\$ 55,550.00	0.00	\$ -	59.00	\$ 297,950.00	70.00	\$353,500.00
629.19	1.5-INCH SERVICE LATERAL RE-CONNECTION	19.00	5,860	EA	0.00	\$ -	0.00	\$ -	19.00	\$ 111,340.00	19.00	\$111,340.00
629.20	2-INCH SERVICE LATERAL RE-CONNECTION	20.00	6,670	EA	0.00	\$ -	0.00	\$ -	20.00	\$ 133,400.00	20.00	\$133,400.00
629.21	FIRE HYDRANT AND BACKFLOW DEVICE LATERAL RE-CONNECTION	24.00	5,570	EA	1.00	\$ 5,570.00	0.00	\$ -	23.00	\$ 128,110.00	24.00	\$133,680.00
629.22	1-INCH SERVICE LATERAL AND METER	19.00	6,210	EA	0.00	\$ -	0.00	\$ -	19.00	\$ 117,990.00	19.00	\$117,990.00
629.23	2-INCH SERVICE LATERAL AND METER	1.00	9,110	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 9,110.00	1.00	\$9,110.00
629.24	1-INCH RPPA TO BE INSTALLED WITHIN RIGHT-OF-WAY	14.00	2,985	EA	0.00	\$ -	0.00	\$ -	14.00	\$ 41,790.00	14.00	\$41,790.00
629.25	1.5-INCH RPPA TO BE INSTALLED WITHIN RIGHT-OF-WAY	2.00	3,700	EA	0.00	\$ -	0.00	\$ -	2.00	\$ 7,400.00	2.00	\$7,400.00
629.26	RETROFIT EXISTING DCDA TO RPPA	1.00	20,000	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 20,000.00	1.00	\$20,000.00
629.27	1-INCH RPPA (APN: 139-34-814-003)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.28	1-INCH RPPA (APN: 139-35-401-003)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.29	1-INCH RPPA (APN: 139-35-803-023)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.30	1-INCH RPPA (APN: 139-35-803-024)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.31	1-INCH RPPA (APN: 139-35-803-025)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.32	1-INCH RPPA (APN: 139-35-803-026)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.33	2-INCH RPPA (APN: 162-02-110-007)	2.00	4,415	EA	0.00	\$ -	0.00	\$ -	2.00	\$ 8,830.00	2.00	\$8,830.00
629.34	1-INCH RPPA (APN: 162-02-113-004)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.35	1-INCH RPPA (APN: 162-02-113-007)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.36	1-INCH RPPA (APN: 162-02-113-021)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.37	1-INCH RPPA (APN: 162-02-114-002)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.38	1-INCH RPPA (APN: 162-02-114-003)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.39	1-INCH RPPA (APN: 162-02-512-003)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.40	1-INCH RPPA (APN: 162-02-512-004)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.41	1-INCH RPPA (APN: 162-02-512-005)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.42	1-INCH RPPA (APN: 162-02-512-006)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.43	1.5-INCH RPPA (APN: 162-02-512-007)	1.00	3,700	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 3,700.00	1.00	\$3,700.00
629.44	1-INCH RPPA (APN: 162-02-512-013)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.45	REPLACE 6-INCH ACP WATERLINE WITH DUCTILE IRON PIPE	9.00	250	LF	9.00	\$ 2,250.00	0.00	\$ -	0.00	\$ -	9.00	\$2,250.00
629.46	REPLACE 8-INCH ACP WATERLINE WITH DUCTILE IRON PIPE	59.00	175	LF	59.00	\$ 10,325.00	0.00	\$ -	0.00	\$ -	59.00	\$10,325.00
629.47	AVIAR ASSEMBLY AND PIPING	4.00	12,570	EA	3.00	\$ 37,710.00	0.00	\$ -	1.00	\$ 12,570.00	4.00	\$50,280.00
629.48	BLOW-OFF ASSEMBLY AND PIPING	10.00	12,435	EA	2.00	\$ 24,870.00	0.00	\$ -	8.00	\$ 99,480.00	10.00	\$124,350.00
629.49	18-INCH STEEL CASING SLEEVE	272.00	150	LF	83.00	\$ 12,450.00	0.00	\$ -	189.00	\$ 28,350.00	272.00	\$40,800.00
629.50	30-INCH STEEL CASING SLEEVE	38.00	375	LF	0.00	\$ -	0.00	\$ -	38.00	\$ 14,250.00	38.00	\$14,250.00
629.51	VERTICALLY ADJUST WATER VALVE BOX TO FINISH GRADE	142.00	725	EA	14.00	\$ 10,150.00	0.00	\$ -	128.00	\$ 92,800.00	142.00	\$102,950.00
629.52	MISCELLANEOUS LVVWD REQUIRED FIELD ADJUSTMENTS	1.00	200,000	FA	0.00	\$ -	0.00	\$ -	1.00	\$ 200,000.00	1.00	\$200,000.00

Opinion of Probable Construction Cost by Funding Source for
CHARLESTON / MARYLAND STORM DRAIN

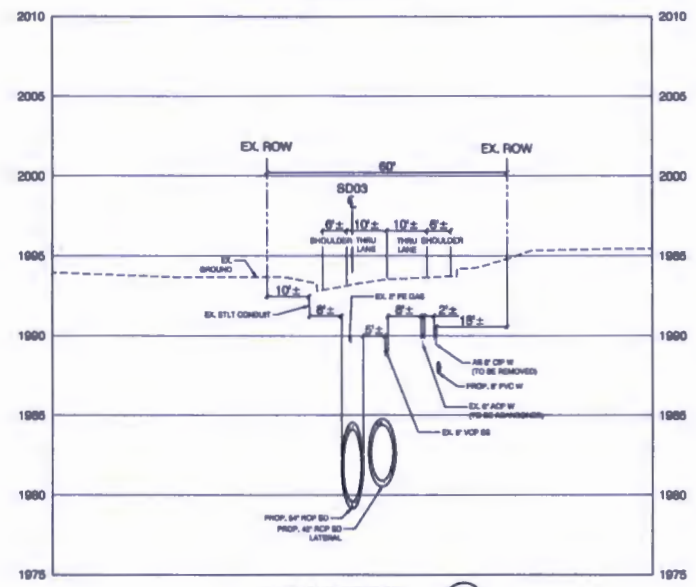
ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		RTC		LVVWD		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
630.01	8-INCH SDR35 PVC SANITARY SEWER	313.00	250	LF	313.00	\$ 78,250.00	0.00	\$ -	0.00	\$ -	313.00	\$78,250.00
630.02	8-INCH C900 PVC SANITARY SEWER	479.00	300	LF	479.00	\$ 143,700.00	0.00	\$ -	0.00	\$ -	479.00	\$143,700.00
630.03	10-INCH SDR35 PVC SANITARY SEWER	239.00	280	LF	239.00	\$ 66,920.00	0.00	\$ -	0.00	\$ -	239.00	\$66,920.00
630.04	10-INCH C900 PVC SANITARY SEWER	507.00	330	LF	507.00	\$ 167,310.00	0.00	\$ -	0.00	\$ -	507.00	\$167,310.00
630.05	12-INCH C900 PVC SANITARY SEWER	145.00	350	LF	145.00	\$ 50,750.00	0.00	\$ -	0.00	\$ -	145.00	\$50,750.00
630.06	15-INCH SDR35 PVC SANITARY SEWER	29.00	350	LF	29.00	\$ 10,150.00	0.00	\$ -	0.00	\$ -	29.00	\$10,150.00
630.07	21-INCH SR35 PVC SANITARY SEWER	202.00	430	LF	202.00	\$ 86,860.00	0.00	\$ -	0.00	\$ -	202.00	\$86,860.00
630.08	24-INCH C900 PVC SANITARY SEWER	865.00	450	LF	865.00	\$ 389,250.00	0.00	\$ -	0.00	\$ -	865.00	\$389,250.00
630.09	PRECAST 48-INCH SEWER MANHOLE	7.00	6,500	EA	7.00	\$ 45,500.00	0.00	\$ -	0.00	\$ -	7.00	\$45,500.00
630.10	PRECAST 48-INCH SEWER MANHOLE W/ CAST-IN-PLACE BASE	11.00	6,500	EA	11.00	\$ 71,500.00	0.00	\$ -	0.00	\$ -	11.00	\$71,500.00
630.11	PRECAST 60-INCH SEWER MANHOLE	5.00	8,400	EA	5.00	\$ 42,000.00	0.00	\$ -	0.00	\$ -	5.00	\$42,000.00
630.12	PRECAST 60-INCH SEWER MANHOLE W/ CAST-IN-PLACE BASE	6.00	8,400	EA	6.00	\$ 50,400.00	0.00	\$ -	0.00	\$ -	6.00	\$50,400.00
630.13	PRECAST 72-INCH SEWER MANHOLE	1.00	10,500	EA	1.00	\$ 10,500.00	0.00	\$ -	0.00	\$ -	1.00	\$10,500.00
630.14	PRECAST 72-INCH SEWER MANHOLE W/ CAST-IN-PLACE BASE	15.00	10,500	EA	15.00	\$ 157,500.00	0.00	\$ -	0.00	\$ -	15.00	\$157,500.00
630.15	PRECAST 84-INCH SEWER MANHOLE W/ CAST-IN-PLACE BASE	1.00	25,000	EA	1.00	\$ 25,000.00	0.00	\$ -	0.00	\$ -	1.00	\$25,000.00
630.16	RECONNECT SEWER LATERAL	63.00	3,500	EA	63.00	\$ 220,500.00	0.00	\$ -	0.00	\$ -	63.00	\$220,500.00
630.17	REMOVE & RECONNECT EXISTING SANITARY SEWER WITH 12-INCH C900 PVC	1.00	4,200	EA	1.00	\$ 4,200.00	0.00	\$ -	0.00	\$ -	1.00	\$4,200.00
630.18	CORE DRILL AND CONNECT SEWER PIPE TO EXISTING SEWER MANHOLE	4.00	1,500	EA	4.00	\$ 6,000.00	0.00	\$ -	0.00	\$ -	4.00	\$6,000.00
630.19	SEWER PROTECTION CAP	16.00	4,000	EA	16.00	\$ 64,000.00	0.00	\$ -	0.00	\$ -	16.00	\$64,000.00
630.20	VERTICALLY ADJUST SANITARY SEWER MANHOLE TO FINISH GRADE	34.00	2,000	EA	34.00	\$ 68,000.00	0.00	\$ -	0.00	\$ -	34.00	\$68,000.00
630.21	REMOVE EXISTING SANITARY SEWER AND REPLACE WITH	32.00	500	EA	32.00	\$ 16,000.00	0.00	\$ -	0.00	\$ -	32.00	\$16,000.00
633.01	NON-REFLECTIVE RAISED PAVEMENT MARKERS	7,420.00	3	EA	0.00	\$ -	7,420.00	\$ 22,260.00	0.00	\$ -	7,420.00	\$22,260.00
633.02	REFLECTIVE RAISED PAVEMENT MARKERS	3,820.00	3	EA	0.00	\$ -	3,820.00	\$ 11,460.00	0.00	\$ -	3,820.00	\$11,460.00
637.01	DUST CONTROL	1.00	400,000	LS	0.629	\$ 251,600.00	0.253	\$ 101,200.00	0.118	\$ 47,200.00	1.00	\$400,000.00
637.02	NPDES DISCHARGE PERMIT	1.00	40,000	LS	0.629	\$ 25,160.00	0.253	\$ 10,120.00	0.118	\$ 4,720.00	1.00	\$40,000.00
680.01	RELOCATE FIBER OPTIC CABLE	1.00	20,000	LS	1.00	\$ 20,000.00	0.00	\$ -	0.00	\$ -	1.00	\$20,000.00
691.01	COATING 48-INCH MANHOLE (≥ 5' DEPTH AND <10' DEPTH)	1.00	5,100	EA	1.00	\$ 5,100.00	0.00	\$ -	0.00	\$ -	1.00	\$5,100.00
691.02	COATING 60-INCH MANHOLE (≥ 5' DEPTH AND <10' DEPTH)	3.00	5,500	EA	3.00	\$ 16,500.00	0.00	\$ -	0.00	\$ -	3.00	\$16,500.00
691.03	COATING 60-INCH MANHOLE (≥ 10' DEPTH AND <15' DEPTH)	1.00	5,900	EA	1.00	\$ 5,900.00	0.00	\$ -	0.00	\$ -	1.00	\$5,900.00
691.04	COATING 72-INCH MANHOLE (≥ 5' DEPTH AND <10' DEPTH)	9.00	6,300	EA	9.00	\$ 56,700.00	0.00	\$ -	0.00	\$ -	9.00	\$56,700.00
691.05	COATING 72-INCH MANHOLE (≥ 10' DEPTH AND <15' DEPTH)	6.00	6,700	EA	6.00	\$ 40,200.00	0.00	\$ -	0.00	\$ -	6.00	\$40,200.00
691.06	COATING 84-INCH MANHOLE (≥ 10' DEPTH AND <15' DEPTH)	1.00	7,100	EA	1.00	\$ 7,100.00	0.00	\$ -	0.00	\$ -	1.00	\$7,100.00
695.01	SEWER BYPASS PUMPING	1.00	1,800,000	LS	1.00	\$ 1,800,000.00	0.00	\$ -	0.00	\$ -	1.00	\$1,800,000.00
SUBTOTAL CONSTRUCTION						RFCD		RTC		LVVWD		TOTALS
					8% 10% 10% CM/TESTING	8.0%	\$ 3,039,172.48	\$ 15,096,697.00	\$ 1,509,669.70	\$ 7,034,712.00	\$ 703,471.20	\$ 60,121,065.00
					TOTAL CONSTRUCTION		\$41,028,828.48	\$16,606,366.70	\$ 7,738,183.20			\$ 5,252,313.38
												\$65,373,378.38



CHARLESTON BLVD SECTION
SCALE: 1/8" = 1'-0"
"SD01" STA 42+00



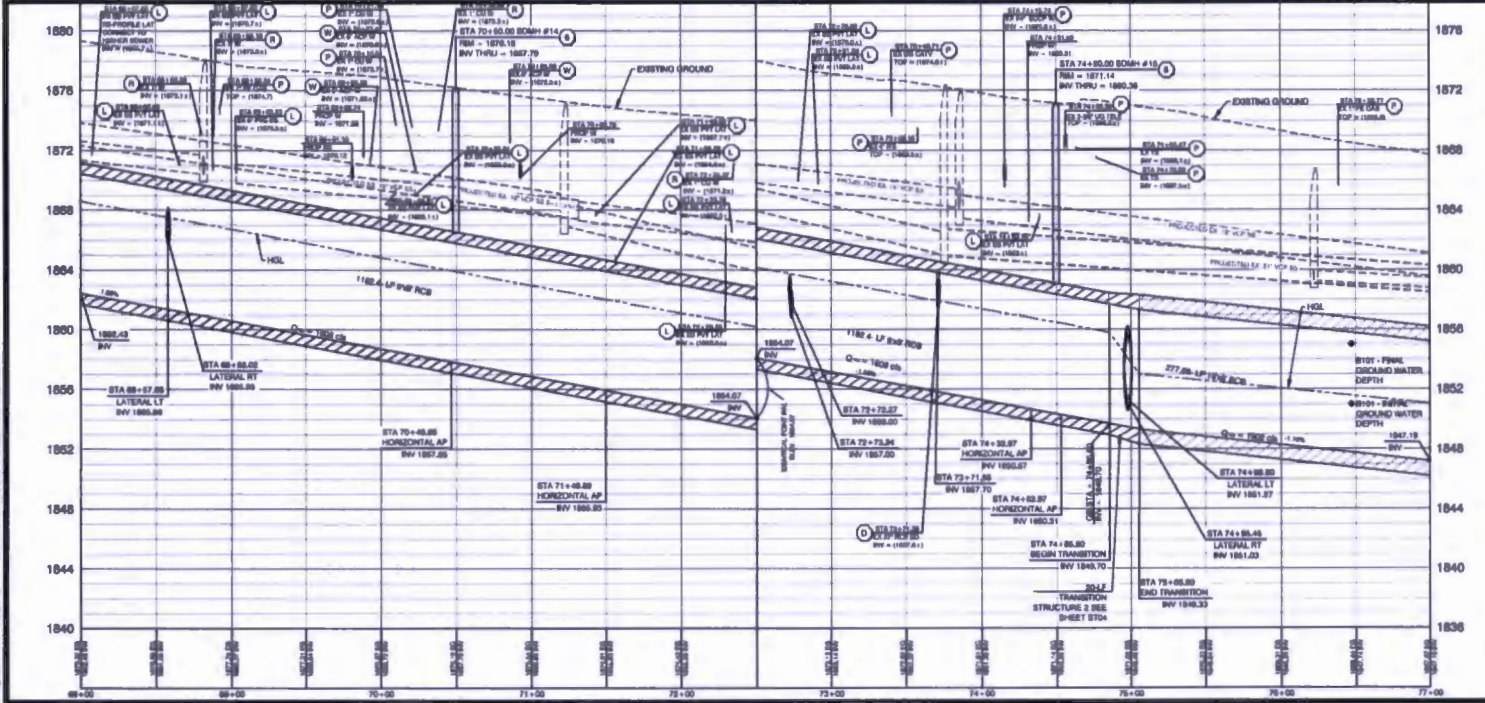
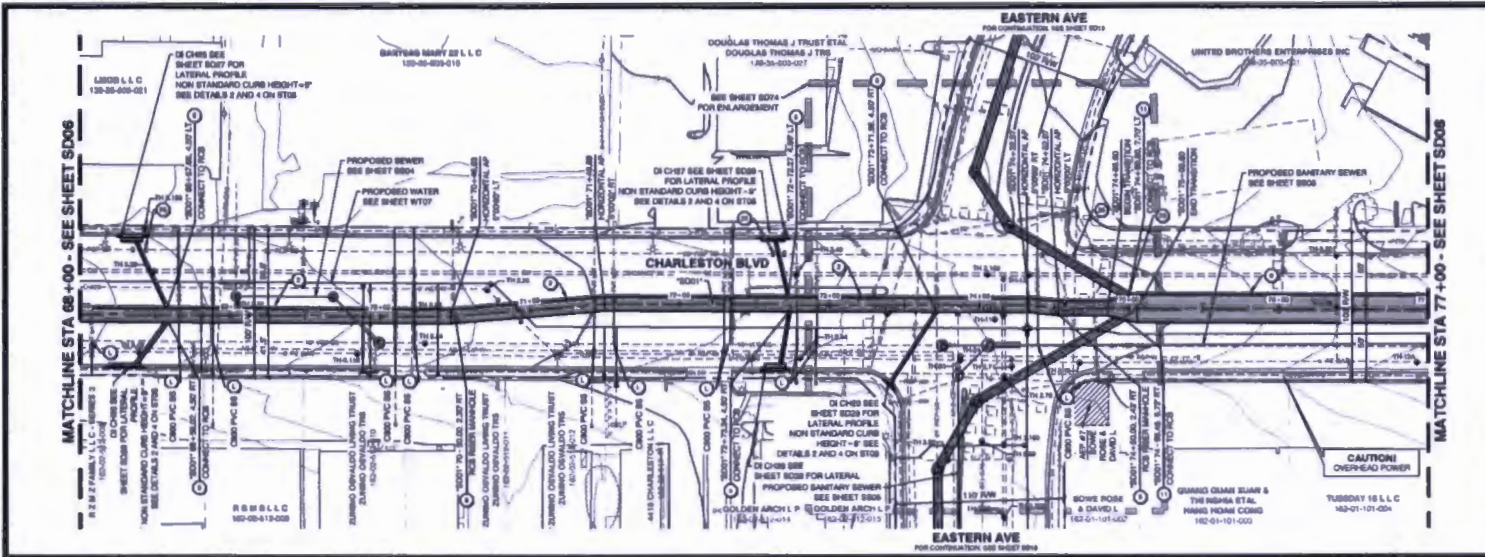
FREMONT SECTION
SCALE: 1/8" = 1'-0"
"SD01" STA 85+00



FRANKLIN AVE SECTION
SCALE: 1/8" = 1'-0"
"SD03" STA 10+50

APPROVED FOR CONSTRUCTION
Las Vegas Valley Water District Engineering Services
Project No. 18938 First Approved Date

PREPARED FOR CITY OF LAS VEGAS	PREPARED BY ATKINS
DATE: DECEMBER 2019 SUBMITTAL STAGE: PRELIMINARY	DESIGNED BY: VMM DRAWN BY: AM CHECKED BY: VMM
TITLE CHARLESTON/MARYLAND STORM DRAIN	SHEET TY01
SHEET 34 OF 235	PROJECT NO. 107V7367



GRAPHIC SCALE

NORTH

HORIZ 1" = 40' L
VERT 1" = 5' L

CALL BEFORE CONSTRUCTION

BEFORE YOU DIG	USA 888789	811 OR 8882882881
BEFORE YOU UNDERGROUND	PA.U.T.	702-693-0888
BEFORE YOU OVERHEAD	CLARK COUNTY (TRIPLEX OPERATIONS)	702-658-2911
	CITY OF LAS VEGAS	702-658-0511
	SVS (SUNBELT)	702-658-0888

- STORM DRAIN CONSTRUCTION NOTES**
- INSTALL 12" X 8" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - INSTALL 8" X 8" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - INSTALL 8" X 8" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - INSTALL 12" X 8" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - CONNECT 80 LATERAL TO RCP WITH CONCRETE COLLAR PER DETAIL 2, SHEET 0710
 - INSTALL 18" X 8" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - INSTALL RCP FIBER MANHOLE PER DETAIL 8, SHEET 0701
 - INSTALL 12" X 8" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - CONNECT TO RCP WITH ENLARGED OPENING CONCRETE COLLAR PER STRUCTURE DETAILS IN SHEET 0708 AND 0710
 - INSTALL 36" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - NOT USED
 - INSTALL 36" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - INSTALL 48" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - INSTALL 48" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - INSTALL 48" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - INSTALL 60" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - INSTALL 60" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - CONSTRUCT TRANSITION STRUCTURE, LENGTH AND SIZE PER PROFILE
 - INSTALL TYPE 1 60" MANHOLE PER UBODCA #409
 - INSTALL TYPE 8 MANHOLE PER UBODCA #409.3
 - INSTALL TYPE 8 MANHOLE PER UBODCA #409
 - INSTALL TYPE 1 48" MANHOLE PER UBODCA #409
 - CUT AND CAP EX 80 WITH PLUG PER DETAIL 4, SHEET 0701
 - INSTALL 72" RCP 80 PER TRENCH DETAIL 1, SHEET 0701
 - INSTALL 36" CHD 80 PER TRENCH DETAIL 1, SHEET 0701
 - ABANDON EXISTING UTILITY IN PLACE
 - INSTALL CLASS PER DCSBOS 80-18
 - INSTALL SEWER CAP PROTECTION PER DCSBOS 80-19
 - DEMOLISH/REMOVE EXISTING UTILITY, SEE "CP" MARKS SHEETS
 - RECONNECT EXISTING LATERAL TO EXISTING MAIN PER DCSBOS 80-20 ANCHOR 80-21, EXTEND OR TYPICATE LATERAL PIPE AS NECESSARY
 - REMOVE AND RELOCATE EXISTING UTILITY BY OTHERS
 - PROTECT IN PLACE
 - REMOVE AND RELOCATE EXISTING UTILITY
 - REMOVE SEGMENT OF EX VCP SEWER & REPLACE W/PCP PER DCSBOS 80-19
 - REPLACE ACP WATERLINE, SEE "WP" MARKS SHEETS

NOTE

- ALL CURB RAZERS TO BELOUSE STORM WATER QUALITY MANAGEMENT STRAP PER UBODCA #409
- PIPE LENGTHS AND PITCH COURSE OF MANHOLE TO COURSE OF MANHOLE
- SOME UTILITIES CROSS OUT OF SECTION FOR CLARITY
- SEE "HCP" SHEETS FOR EXISTING UTILITIES
- SOILS EXISTING UTILITY SCHEDULES MAY BE FOR OTHERS

APPROVED FOR CONSTRUCTION

Las Vegas Valley Water District Engineering Services
Project No. - 128180 - Final Approved Date

UTILITY NOTE:

ALL EXISTING UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IF WHILE IN THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THE EXISTING UTILITY LOCATION AND DEPTH IS DIFFERENT FROM THAT SHOWN ON THIS PLAN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXISTING UTILITY LOCATION AND DEPTH. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXISTING UTILITY LOCATION AND DEPTH. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXISTING UTILITY LOCATION AND DEPTH.

KEYMAP

ATKINS

2270 Corporate Center, Suite 200
Henderson, Nevada 89074
Tel: +1 (702) 260 7275
Fax: +1 (702) 260 7255

CITY OF LAS VEGAS

CHARLESTON/MARYLAND STORM DRAIN

STORM DRAIN PLAN AND PROFILE

STA 68+00 TO STA 77+00

SHEET
SD07
53 OF 235
107V7367

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

<p>SUBJECT: FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – BOULDER HWY TO MARYLAND PKWY AND MARYLAND PKWY SYSTEM</p>
<p>PETITIONER: MIKE JANSSEN, DIRECTOR CITY OF LAS VEGAS PUBLIC WORKS</p>
<p>RECOMMENDATION OF PETITIONER: IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR CONSTRUCTION FOR THE FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – BOULDER HWY TO MARYLAND PKWY AND MARYLAND PKWY SYSTEM – LAS29F20 (FOR POSSIBLE ACTION)</p>

FISCAL IMPACT:

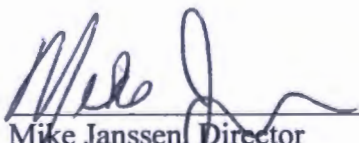
Construction Management	\$ 1,752,160
Construction	\$37,989,656
Entity Construction Labor Cost	<u>\$ 1,287,013</u>
Total	\$41,028,829

BACKGROUND:

The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Number FLBN 0170, 0180, 0205 and 0275 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with construction scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18’ x 8’ RCB, 12’ x 6’ RCB, 9’ x 8’ RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12’ x 5’ RCB, 6’ x 5’ RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue.

This project is included in Year 1 of the Ten-Year Construction Program.

Respectfully submitted,


 Mike Janssen, Director
 Department of Public Works

TAC AGENDA ITEM #10b Date: 04/30/2020	RFCD AGENDA ITEM # Date: 05/21/2020
CAC AGENDA ITEM #10b Date: 04/30/2020	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – BOULDER HWY TO MARYLAND PKWY AND MARYLAND PKWY SYSTEM
INTERLOCAL CONTRACT – LAS29F20

The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Number FLBN 0170, 0180, 0205 and 0275 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18’ x 8’ RCB, 12’ x 6’ RCB, 9’ x 8’ RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12’ x 5’ RCB, 6’ x 5’ RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue.

With the total project construction cost of \$38.0 million, approximately 452 jobs will be created or sustained with this project. District funding will be provided as follows:

Construction	\$37,989,656
Construction Management	\$ 1,752,160
Entity Construction Labor Costs	\$ 1,287,013
Total ILC Value	\$41,028,829

This project is included in Year 1 of the Ten-Year Construction Program. The District Attorney has reviewed the contract.

Staff Recommendation:

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

Discussion by Technical Advisory Committee:

AGENDA
#10b Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#10b Date: 04/30/2020

Recommendation:

**INTERLOCAL CONTRACT
FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – BOULDER
HWY TO MARYLAND PKWY AND MARYLAND PKWY SYSTEM**

THIS INTERLOCAL CONTRACT (CONTRACT) made and entered into as of the ____ day of _____, 2020 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 Number FLBN 0170, 0180, 0205 and 0275 and FLMP 0000, 0013, 0042, and 0068, hereinafter referred to as “PROJECT”; and

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

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

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

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

SECTION I - SCOPE OF THE PROJECT

This INTERLOCAL CONTRACT applies to construction and construction management associated with the Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System project. The basic improvements shall consist of flood water facilities including pipes, channels, dikes, energy dissipators, channel structures, channel access and other appurtenances as may be necessary to control floodwaters. The improvements shall be funded through DISTRICT funds as herein described. This PROJECT is further identified and shown on the attached Exhibit “A” which is by this reference is incorporated herein

SECTION II - PROJECTS COSTS

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

1. Construction Management at a cost not to exceed \$1,752,160.
2. Construction at a cost not to exceed \$37,989,656.
3. Entity Construction Labor Cost at a cost not to exceed \$1,287,013.
4. The total cost of this CONTRACT shall not exceed \$41,028,829 which includes all of the items described in the paragraphs above.
5. A written request must be made to the DISTRICT and approved by the Districts Board of Directors (Board) to reallocate funds between phases of the PROJECT. No other approval by the CITY 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

1. The Clark County Regional Flood Control District shall be shown on the title sheet of both the plans and specifications as the funding agency.
2. The CITY will use its best efforts to award the bid for this PROJECT by December 1, 2020. Prior to submission of the first payment request, the CITY will submit to the DISTRICT a construction schedule and cash flow projection. The CITY will take all reasonable steps possible to avoid delays in the construction of DISTRICT funded projects. PROJECT delays more than four months, as measured from the award date, may be subject to a formal review by both the Technical Advisory Committee and the Board. At the review, the CITY will have an opportunity to present information relative to the delays, measures taken to avoid the delays and the likelihood of those delays continuing. The Board will make a determination, in view of the delays and limited available funding, whether project funding should continue. In the case that the Board chooses to discontinue funding, the Board may cancel any Interlocal Contract(s) associated with the project and discontinue funding for the remainder of the PROJECT. Funding already spent or appropriated by the CITY will not be required to be refunded to the DISTRICT. PROJECT funding can be reconsidered at any time when the CITY can demonstrate that the project can proceed on an acceptable schedule.

3. The CITY will comply with the Local Purchasing Act, Chapter 332 and Public Works Projects, Chapter 338, of the Nevada Revised Statutes.
4. The CITY, its employees and representatives shall at all times comply with all applicable laws, ordinances, statutes, rules and regulations in effect at the time work is performed on the PROJECT.
5. The CITY will require appropriate financial security for the construction of the PROJECT.
6. The CITY shall provide all impacted entities and the DISTRICT with the opportunity to provide the CITY with input relative to the following processes: scope of services development; consultant selection; design, construction and maintenance review; and monitoring of the effectiveness and impacts of facilities on flood flows.
7. Applicable portions of the current editions of the Policies and Procedures, the Hydrologic Criteria and Drainage Design Manual and the Uniform Regulations for the Control of Drainage adopted by the DISTRICT will apply in developing this PROJECT unless specifically superseded by this CONTRACT.
8. Purchases of right-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the CITY. Revenues derived from the sale of these properties, less the cost of the sale of these properties, will be forwarded to the DISTRICT.
9. Administrative settlements and acceptance of counter offers involving right-of-way may only be made following a review and approval by the DISTRICT.
10. The DISTRICT will pay the 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

- j. Entity Construction Management Labor Costs
- k. Landscape Construction
- l. Other

- 11. Accurate documentation of all work performed and payments made will be maintained by the CITY for a period of three (3) years in hard copy form after final PROJECT approval and payment. Following the three-year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media or an electronic format.
- 12. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects both during and after PROJECT completion.
- 13. Up to the limits set forth in NRS Chapter 41, the CITY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of CITY officers, employees or agents, related to or under this CONTRACT which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.
- 14. Any costs found to be improperly allocated to this PROJECT will be refunded by the CITY to the DISTRICT.
- 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.
- 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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IN WITNESS WHEREOF, the Parties have caused this Interlocal Contract to be executed by their duly authorized representatives the day and year first above written.

Date of Council Action

Date of District Action

City of Las Vegas

Regional Flood Control District

By: _____
Carolyn G. Goodman, Mayor

By: _____
LAWRENCE L. BROWN, III,
Chair

Attest

Attest

By: _____
LuAnn Holmes, MMC
City Clerk

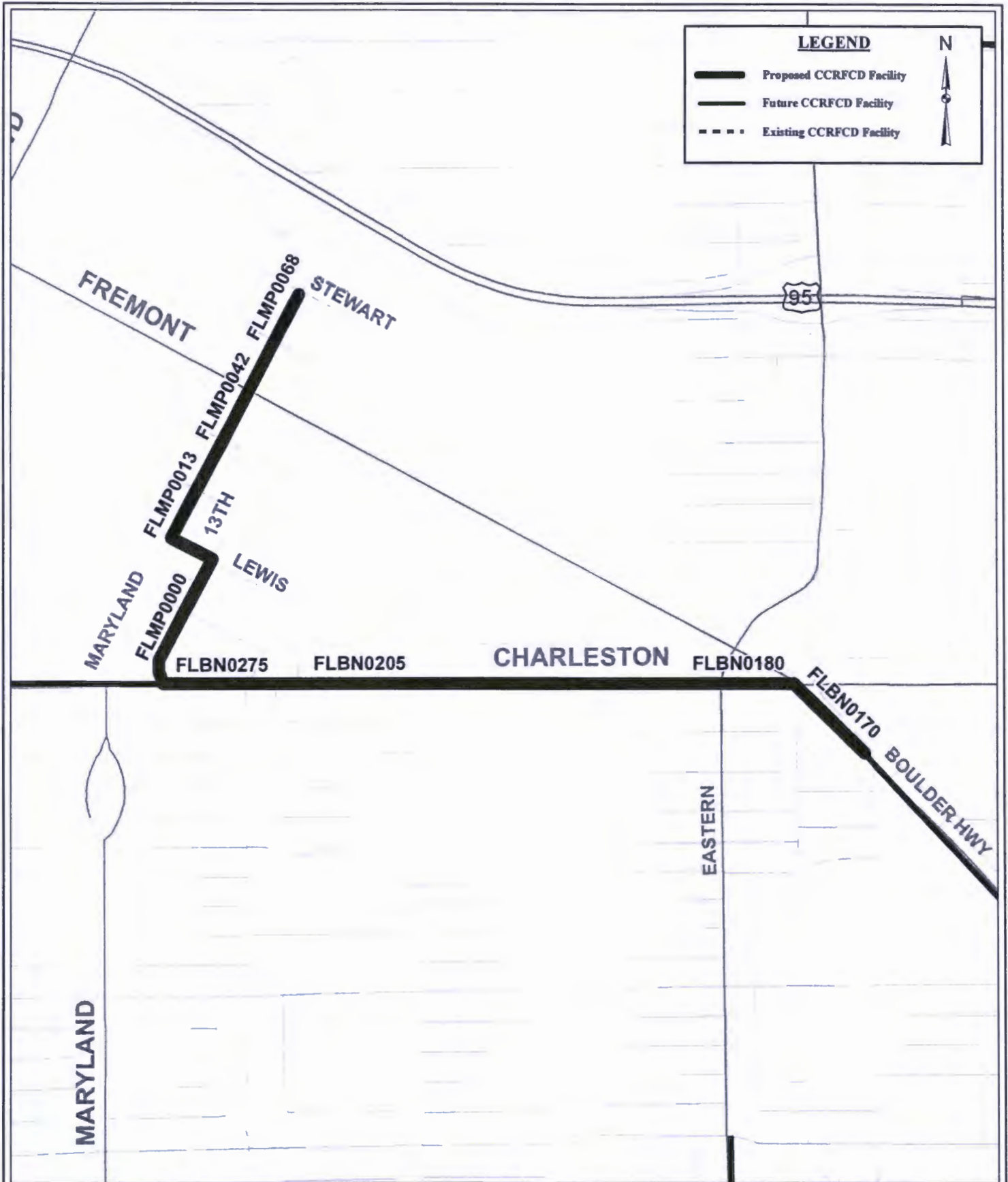
By: _____
Deanna Hughes
Secretary to the Board

Approved as to Form




Approved as to Form

By: _____
Deputy City Attorney Date

By: _____
Christopher Figgins Date
Chief Deputy District Attorney



LEGEND

-  Proposed CCRFCD Facility
-  Future CCRFCD Facility
-  Existing CCRFCD Facility


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EXHIBIT A
FLAMINGO - BOULDER HWY NORTH, CHARLESTON -
BOULDER HWY TO MARYLAND PARKWAY SYSTEM
(LAS29F20)

SCALE: 1:13,000
DRAWING NAME:
 Flamingo_BoulderHwyNorth
 Charleston_MainSt-MarylandPky-EAST
DRAWN BY: C. JONES
DATE: 04/15/2020
SHEET NUMBER 1 OF 1

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT:

QUARTERLY PROJECT STATUS REPORTS
REPORTING PERIOD: NOVEMBER 2019 THROUGH JANUARY 2020

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

RECEIVE THE REPORTS (FOR POSSIBLE ACTION)

FISCAL IMPACT: None.

BACKGROUND:

The following Project Status Reports for the period of November 2019 through January 2020 are submitted for your review:


CURRENT PROJECTS (PROJECT LIST AND BOND PROJECTS)

<u>Page</u>	
1 - 2	City of Boulder City
3 - 6	City of Henderson
7 - 18	City of Las Vegas
19 - 20	City of Mesquite
21 - 33	City of North Las Vegas
34 - 50	Clark County

OTHER PROJECTS OF INTEREST

<u>Page</u>	
51 - 56	Regional Flood Control District

Respectfully submitted,


Todd L. Myers, P.E.
Engineering Director

TAC AGENDA ITEM # 11a Date: 04/30/20	RFCD AGENDA ITEM #10 Date: 03/12/2020
CAC AGENDA ITEM # 11a Date: 04/30/20	

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Boulder City			Date Prepared	02/13/2020
Project Title: Hemenway System, Phase II Improvements				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	BOU01C10			
	Construction	BOU01D17			
Total ILA Amount (Design and Construction All Phases)					\$3,240,000

DESIGN			Contract Number			BOU01C10	
Description: Phase IIA – Project includes a 10’ grate inlet extension to increase capacity at Lake Mountain Drive, install maintenance access road and increase sediment basin capacity, replace the existing levee near Lake View Drive, design of a sediment basin, concrete line unlined channel near Katzenbach Drive, replace existing CMPs at Katzenbach Drive with an 8’x4’ RCB and at Lakeview Drive with a 12’x4’ RCB. Phase IIB – Project includes increase the sediment basin capacity by 0.8 ac-ft west of Lake Mountain Drive, increasing the free board in the Hemenway Channel west of Lake Mountain Drive and east of Pacifica Way and a new energy dissipator and concrete channel lining near Fire Agate and US93.							
Date of Original ILA			02/11/2010		Design ILA Amount		\$745,000
Date of Most Recent Supplement to ILA			12/13/2018				
Contract Manager: Jim Keane, P.E. Phone Number: 702-293-9200			Entity: City of Boulder City			Consultant: Advantage Civil Design Group LLP	
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other	
ILA Amount	\$0	\$730,000	\$15,000	\$0	\$0	\$0	
Percent Complete	0%	99%	100%	0%	0%	0%	
Scheduled Completion		03/31/2020	03/01/2019				
Delay or Problem Areas/Resolution:							
Work Completed During Current Quarter: Staff and the Consultant met to give consultant direction for solution to dip the water line in conflict for completion of the Phase IIA berm work for HMTH0034. Consultant working on addressing final comments on the Phase IIB plans. Staff working on preparing front ends for advertising for bids, anticipated in March 2020.							
Work to be Completed During Next Quarter: Consultant to to complete addressing final plan review comments and progress plans to final for construction and staff to complete contract documents for bidding. Consultant to work on a plan set for the Phase IIA work to dip the water line for completion of HMTH0034.							

CONSTRUCTION			Contract Number			BOU01D17	
Project Name: Hemenway System, Phase IIA Improvements							
Date of Original ILA			02/09/2017		Construction ILA Amount		\$2,495,000
Date of Most Recent Supplement to ILA			01/09/2020				
Description: Project includes a 10’ grate inlet extension to increase capacity at Lake Mountain Drive, install maintenance access road and increase sediment basin capacity, replace the existing levee near Lake View Drive, design of a sediment basin, concrete line unlined channel near Katzenbach Drive, replace existing CMPs at Katzenbach Drive with an 8’x4’ RCB and at Lakeview Drive with a 12’x4’ RCB.							
Contract Manager: Jim Keane Phone Number: 702-293-9200			Construction Mgr: CMWorks, Inc.			Contractor:	
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other			
	\$2,200,000	\$295,000	\$0	\$0			
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End			
	02/09/2017	03/29/2018	06/11/2018	09/30/2020			
Bid Amount	\$2,118,844						
Delay or Problem Areas/Resolution:							
Work Completed During Current Quarter: Staff met with the Consultant to give them direction to move forward with preparing plans to dip the water line in conflict in order to complete HMTH0034 construction.							
Work to be Completed During Next Quarter: Consultant to prepare plans and submit for staff review. Staff to work on preparing contract documents for bidding.							

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Boulder City			Date Prepared	02/18/2020
Project Title: Hemenway System, Phase IIB Improvements				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design				
	Construction	BOU01E19			
Total ILA Amount (Design and Construction All Phases)				\$4,669,036	

CONSTRUCTION			Contract Number		BOU01E19
Project Name: Hemenway System, Phase IIB Improvements					
Date of Original ILA			11/14/2019	Construction ILA Amount	
Date of Most Recent Supplement to ILA				\$4,669,036	
<p>Description: The Hemenway System, Phase IIB Improvements project is described in the 2018 Master Plan Update as Facility Numbers HMLM 0001, HMWA 0005, 0105, HMLV 0004, 0006, HMWA 0200, 0201, and 0202. This project consists of improvements to the existing Hemenway Channel on the north side of US-93, a sediment basin and associated collection and outlet facilities near Katzenbach and US-93, concrete channel and RCB improvements within an existing wash, north of Fire Agate Drive, extending south approximately 700' from US-93. The project will include construction of concrete channels, outlet pipe, sediment basin, construction of energy dissipator, RCP, and other appurtenances as may be necessary to control floodwaters.</p>					
Contract Manager: Jim Keane		Construction Mgr: CMWorks, Inc.		Contractor: TBD	
Phone Number: 702-293-9200					
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other	
	\$4,284,036	\$385,000	\$0	\$0	
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End	
	11/14/2019	04/16/2020	05/18/2020	11/30/2020	
Bid Amount	\$0				
Delay or Problem Areas/Resolution:					
<p>Work Completed During Current Quarter: Consultant submitted 100% plans for review. Consultant working on addressing final plan review comments and completing plans for the construction set. Construction funding request approved. Staff to prepare the contract documents for advertising.</p>					
<p>Work to be Completed During Next Quarter: Consultant to complete addressing final plan comment. Staff to work complete the contract documents for bidding and advertise the project for bids.</p>					

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Henderson			Date Prepared	03/02/2020
Project Title: Whitney Ranch Channel Replacement Project				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	HEN07D09	HEN07F18		
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$1,226,504	

DESIGN			Contract Number			HEN07D09
Description: Whitney Wash Channel - identified in 2008 CCRFCD Master Plan Update as a segment of the Lower Pittman Wash System. Proposed concrete lined channel to convey 853 cfs and tie into the existing regional facility through the Whitney Mesa subdivision (WWDC 0055). Improvements to reduce risk of flood damage to existing homes. Design consultant selected for the Whitney Mesa Recreation Area project will design the channel facilities.						
Date of Original ILA			07/09/2009		Design ILA Amount	
Date of Most Recent Supplement to ILA			12/08/2016		\$291,955	
Contract Manager:		Entity: City of Henderson		Consultant:		
Phone Number:						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$232,965	\$45,490	\$13,500	\$0	\$0
Percent Complete	0%	15%	100%	100%	0%	0%
Scheduled Completion		01/31/2019	12/31/2018	12/31/2018		
Delay or Problem Areas/Resolution: None.						
Work Completed During Current Quarter: Prepared project close-out documentation.						
Work to be Completed During Next Quarter: MPA to be included as part of the 2018 LVV MP Update. Close design inter-local contract.						

DESIGN			Contract Number			HEN07F18
Description: The Whitney Ranch Channel Replacement project is identified in the 2013 Clark County Regional Flood Control District Master Plan Update (MPU) as a segment of the Whitney Ranch-Duck Creek Channel System. Project construction will replace the existing Whitney Wash Channel (WWDC 0000, 0015, 0030, 0033, 0054, and 0055) with higher-capacity structures (WWDC 0001, 0016, 0031, 0034, 0053, 0056) construct proposed facility WWDC 0070 to safely convey the ultimate 100-year flowrate. The improved crossings at Whitney Ranch and Galleria Drives (WWDC 0031 & 0053) eliminate the backwater effect at the existing bridges as notated by mapped flood zones. Facility WWDC 0070 through the future park site is an RCB that will connect to the existing Whitney Mesa Estates RCB (WWDC 0084).						
Date of Original ILA			08/09/2018		Design ILA Amount	
Date of Most Recent Supplement to ILA			03/14/2019		\$934,549	
Contract Manager: Scott Fiedler		Entity: City of Henderson		Consultant: Jacobs/Jeff Greist,		
Phone Number: 702-267-3064				702-953-1232		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$674,750	\$126,164	\$54,164	\$67,471	\$12,000
Percent Complete	0%	30%	30%	100%	0%	0%
Scheduled Completion		02/01/2021	11/01/2019	09/01/2019	06/30/2021	08/01/2019
Delay or Problem Areas/Resolution: Still waiting on COE response to Preliminary Jurisdictional Determination.						
Work Completed During Current Quarter: PDR received, submitted for COE approval.						
Work to be Completed During Next Quarter: Awaiting COE approval before beginning final design.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Henderson			Date Prepared	03/02/2020	
Project Title: Whitney Ranch Channel Replacement Project				Review Period From	11/01/2019	
				Review Period To	01/31/2020	
Contract Numbers	Design	HEN07D09	HEN07F18			
	Construction					
Total ILA Amount (Design and Construction All Phases)				\$1,226,504		

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Henderson			Date Prepared	03/02/2020
Project Title: Pittman Pabco - Boulder Highway Crossing				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design				
	Construction	HEN25B19			
Total ILA Amount (Design and Construction All Phases)				\$1,454,530	

CONSTRUCTION			Contract Number	HEN25B19	
Project Name: Pittman Pabco - Boulder Highway Crossing					
Date of Original ILA			09/12/2019	Construction ILA Amount	\$1,454,530
Date of Most Recent Supplement to ILA					
Description:					
Contract Manager: Matt Roybal Phone Number: 702-267-3066		Construction Mgr: Shane Dennett		Contractor: Las Vegas Paving	
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other	
	\$1,346,787	\$107,743	\$0	\$0	
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End	
	09/12/2019	10/09/2019	12/09/2019	09/01/2020	
Bid Amount	\$4,000,000				
Delay or Problem Areas/Resolution:					
Work Completed During Current Quarter: Project bid and awarded to Las Vegas Paving at 10/15/2019 City Council. Kick-off meeting held for start of construction.					
Work to be Completed During Next Quarter: Continue construction activities					

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Henderson			Date Prepared	03/02/2020	
Project Title: Chickasaw Storm Drain				Review Period From	11/01/2019	
				Review Period To	01/31/2020	
Contract Numbers	Design	HLD06B19				
	Construction					
Total ILA Amount (Design and Construction All Phases)				\$0		

DESIGN				Contract Number		HLD06B19
Description: 1,950 LF of 6'x3' RCB						
Date of Original ILA				07/11/2019	Design ILA Amount	
Date of Most Recent Supplement to ILA					\$0	
Contract Manager: Matt Roybal		Entity: City of Henderson		Consultant: Atkins		
Phone Number: 702-267-3066						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$0	\$0	\$0	\$0	\$0
Percent Complete	0%	0%	0%	0%	0%	0%
Scheduled Completion						
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Finalize scope and fee for design engineering.						
Work to be Completed During Next Quarter: Consultant to start final design.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas		Date Prepared	03/02/2020	
Project Title: Rancho Road System - Elkhorn, Grand Canyon to Hualapai			Review Period From	11/01/2019	
			Review Period To	01/31/2020	
Contract Numbers	Design	LAS16P15			
	Construction	LAS16Q18			
Total ILA Amount (Design and Construction All Phases)			\$5,839,760		

DESIGN			Contract Number			LAS16P15	
Description: Design of RCHB0295 that includes a 7'x6' RCB and associated collection facilities within Elkhorn Road.							
Date of Original ILA			07/09/2015		Design ILA Amount		\$654,000
Date of Most Recent Supplement to ILA			04/11/2019				
Contract Manager: David Morreale Phone Number: 229-6752		Entity: City of Las Vegas			Consultant: Stantec		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other	
ILA Amount	\$0	\$650,000	\$2,000	\$2,000	\$0	\$0	
Percent Complete	0%	100%	100%	100%	0%	0%	
Scheduled Completion		06/21/2018	12/21/2017	12/21/2017			
Delay or Problem Areas/Resolution:							
Work Completed During Current Quarter: Project awarded to Lone Mountain Excavation.							
Work to be Completed During Next Quarter: Design complete.							

CONSTRUCTION			Contract Number			LAS16Q18	
Project Name: Rancho Road System-Elkhorn, Grand Canyon to Hualapai							
Date of Original ILA			03/08/2018		Construction ILA Amount		\$5,185,760
Date of Most Recent Supplement to ILA			01/09/2020				
Description: Construction of RCHB0295 that includes a 7'x6' RCB and associated collection facilities within Elkhorn Road between Hualapai and Grand Canyon.							
Contract Manager: David Morreale Phone Number: 229-6752		Construction Mgr: HDR			Contractor: Lone Mountain		
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other			
	\$4,676,189	\$509,571	\$0	\$0			
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End			
	03/08/2018	09/06/2018	01/07/2019	01/16/2020			
Bid Amount	\$4,257,444						
Delay or Problem Areas/Resolution:							
Work Completed During Current Quarter: Contractor has completed Storm Drain and Utility work and anticipates substantial completion in January 2020. Walk-through was completed January 9, 2020. Contractor started punch list items.							
Work to be Completed During Next Quarter: Contractor to complete punch list items. Begin the Close out Process.							

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas			Date Prepared	03/02/2020	
Project Title: Brent Drainage System-Durango to OHare Ave				Review Period From	11/01/2019	
				Review Period To	01/31/2020	
Contract Numbers	Design	LAS22U19				
	Construction					
Total ILA Amount (Design and Construction All Phases)				\$1,100,000		
DESIGN				Contract Number	LAS22U19	
Description: 8'x6' RCB/collection facilities along Brent Lane from Durango Drive to O'Hare Avenue.						
Date of Original ILA				07/11/2019	Design ILA Amount	\$1,100,000
Date of Most Recent Supplement to ILA				09/12/2019		
Contract Manager: Alisha Auch		Entity: City of Las Vegas		Consultant: Jacobs		
Phone Number: 702-229-5374						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$1,096,000	\$2,000	\$2,000	\$0	\$0
Percent Complete	0%	0%	0%	0%	0%	0%
Scheduled Completion		06/30/2021	06/30/2021	06/30/2021		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Scoping project with Jacobs. Adding RTC roadway improvements that increase project scope.						
Work to be Completed During Next Quarter: NTP and begin design project.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas			Date Prepared	03/02/2020
Project Title: Gowan Box Canyon - Lone Mountain Road				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	LAS24I15			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$704,000	

DESIGN			Contract Number			LAS24I15
Description: Design of GOBX facilities and associated collection system.						
Date of Original ILA			07/09/2015		Design ILA Amount	\$704,000
Date of Most Recent Supplement to ILA			05/23/2019			
Contract Manager: Michael Sturdivant Phone Number: 702-229-6734		Entity: City of Las Vegas		Consultant: Stanley		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$700,000	\$2,000	\$2,000	\$0	\$0
Percent Complete	0%	70%	0%	0%	0%	0%
Scheduled Completion						
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Consultant has resubmitted the 70% plans after addressing City and CCRFCD comments. PROJECT ON HOLD.						
Work to be Completed During Next Quarter: City and CCRFCD to evaluate the area and coordinate in the future as development continues to establish funding priority and final facility alignment. PROJECT ON HOLD.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas			Date Prepared	03/02/2020
Project Title: Gowan North-El Capitan Branch, Ann Rd to Centennial Pkwy				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	LAS24L17			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$861,670	

DESIGN			Contract Number		LAS24L17	
Description: Design of the proposed 10'x7' to 8'x6' RCB with associated collection facilities within El Capitan from Ann Rd to Centennial Parkway.						
Date of Original ILA			08/10/2017	Design ILA Amount	\$861,670	
Date of Most Recent Supplement to ILA			06/14/2018			
Contract Manager: Alisha Auch Phone Number: 702-229-5374		Entity: City of Las Vegas		Consultant: Stanley		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$857,670	\$2,000	\$2,000	\$0	\$0
Percent Complete	0%	70%	0%	0%	0%	0%
Scheduled Completion		10/31/2020	10/31/2020	10/31/2020		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Consultant has been working toward the 70% submittal based upon 30% comments. The consultant submitted the 70% design and the City and RFCD are reviewing the project.						
Work to be Completed During Next Quarter: Continue the design process after the 70% submittal review from RFCD, County and City.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas		Date Prepared	03/02/2020	
Project Title: Cedar Avenue Channel Improvements			Review Period From	11/01/2019	
			Review Period To	01/31/2020	
Contract Numbers	Design	LAS25B13			
	Construction				
Total ILA Amount (Design and Construction All Phases)			\$831,489		

DESIGN			Contract Number		LAS25B13	
Description: Design the proposed 10'x 9' and 8' x 7' RCB storm drain system facilities with associated collection facilities within Pecos Ave. and Stewart Ave.						
Date of Original ILA			07/11/2013	Design ILA Amount	\$831,489	
Date of Most Recent Supplement to ILA			05/23/2019			
Contract Manager: Anita Marquez Phone Number: 702-229-6264		Entity: City of Las Vegas		Consultant: Atkins		
	Pre-design	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$827,489	\$2,000	\$2,000	\$0	\$0
Percent Complete	0%	70%	0%	0%	0%	0%
Scheduled Completion						
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Consultant has started the design process and has submitted the 70% pre-design report and the overall system is on hold pending completion of the downstream facility. PROJECT ON HOLD.						
Work to be Completed During Next Quarter: Consultant on hold pending completion of the downstream facility. Future evaluation needed based upon the 2018 MPU facilities being added in Stewart alignment, reducing impacts to Cedar Channel. PROJECT ON HOLD.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas			Date Prepared	03/02/2020
Project Title: Flamingo-Boulder HWY N-Boulder HWY Sahara to Charleston				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	LAS29B15			
	Construction	LAS29E18			
Total ILA Amount (Design and Construction All Phases)				\$32,390,142	

DESIGN			Contract Number			LAS29B15	
Description: Design the proposed 15' x 10' RCB storm drain system with associated collection system within Boulder Hwy. between Sahara Ave. and Charleston Blvd.							
Date of Original ILA			12/10/2015		Design ILA Amount		\$1,726,003
Date of Most Recent Supplement to ILA			12/12/2019				
Contract Manager: Anita Marquez		Entity: City of Las Vegas			Consultant: Atkins		
Phone Number: 229-6264							
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other	
ILA Amount	\$0	\$1,673,003	\$19,000	\$34,000	\$0	\$0	
Percent Complete	0%	100%	100%	100%	0%	0%	
Scheduled Completion		02/15/2019	07/15/2017	07/15/2017			
Delay or Problem Areas/Resolution:							
Work Completed During Current Quarter: Consultant submitted 90% plans was in July 2018. Project now includes LVVWD water main relocation funded project incorporated into the 90% plans. Design has been completed and Bid for construction.							
Work to be Completed During Next Quarter: Design complete.							

CONSTRUCTION			Contract Number			LAS29E18	
Project Name: Flamingo - Boulder Hwy North - Boulder Hwy, Sahara to Charleston							
Date of Original ILA			10/11/2018		Construction ILA Amount		\$30,664,139
Date of Most Recent Supplement to ILA			05/23/2019				
Description: Construction of the proposed 18'x8', 20'x8' and 15'x10' RCB system within Boulder Highway between Sahara & Charleston with associated lateral facilities.							
Contract Manager: Anita Marquez		Construction Mgr: CLV			Contractor: Harber		
Phone Number: 702-229-6264							
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other			
	\$28,829,533	\$1,834,606	\$0	\$0			
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End			
	10/11/2018	05/02/2019	07/01/2019	01/25/2021			
Bid Amount	\$29,909,671						
Delay or Problem Areas/Resolution:							
Work Completed During Current Quarter: Bid opening was held April 2, 2019 with Harber Construction the low bidder at \$29.9 million. Added funds approved by RFCDD in June. Award of bid by City in June. Pre-Construction meeting held July 17, 2019. NTP issued August 26, 2019. Contractor working on water line relocations and storm drain lateral facilities.							
Work to be Completed During Next Quarter: Begin construction of RCB facilities in February 2020 and continue with utility relocations.							

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas			Date Prepared	03/02/2020	
Project Title: Flamingo-Bldr Hwy, N Charleston-Maryland Pkwy System				Review Period From	11/01/2019	
				Review Period To	01/31/2020	
Contract Numbers	Design	LAS29C16				
	Construction					
Total ILA Amount (Design and Construction All Phases)				\$2,488,829		
DESIGN				Contract Number		LAS29C16
Description: Design of the Flamingo-Bldr Hwy, N Charleston-Maryland Pkwy System to include RCB's of various sizes (dual 10'x8' to 10'x8") and associated collection facilities.						
Date of Original ILA				09/08/2016	Design ILA Amount	
Date of Most Recent Supplement to ILA				05/23/2019	\$2,488,829	
Contract Manager: Anita Marquez		Entity: City of Las Vegas		Consultant: Atkins		
Phone Number: 229-6264						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$2,478,829	\$5,000	\$5,000	\$0	\$0
Percent Complete	0%	90%	0%	0%	0%	0%
Scheduled Completion		08/31/2020	08/31/2020	08/31/2020		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Consultant submitted 70% submittal. Review of 70% submittal and continue the design process toward the 90% submittal incorporating City and RFCDD comments. 90% submittal currently under review.						
Work to be Completed During Next Quarter: Continue the design process after RFCDD and City review of the 90% submittal.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas			Date Prepared	03/02/2020
Project Title: Flamingo-Boulder Hwy North, Charleston, Main to Maryland				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	LAS29D17			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$1,529,674	

DESIGN			Contract Number		LAS29D17	
Description: Design of proposed RCB system in Charleston between Fremont and Maryland Parkway and Maryland between Charleston and Stewart with associated collection facilities.						
Date of Original ILA			08/10/2017	Design ILA Amount	\$1,529,674	
Date of Most Recent Supplement to ILA			05/24/2018			
Contract Manager: Alisha Auch Phone Number: 702-229-5374		Entity: City of Las Vegas		Consultant: Jacobs		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$1,525,674	\$2,000	\$2,000	\$0	\$0
Percent Complete	0%	30%	0%	0%	0%	0%
Scheduled Completion		10/31/2021				
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: 30% design has been submitted and City and RFCD review has been completed.						
Work to be Completed During Next Quarter: Consultant to review 30% comments. Project is scheduled to be placed on hold pending downstream facility.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas			Date Prepared	03/02/2020
Project Title: Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	LAS30A13			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$711,938	

DESIGN			Contract Number		LAS30A13	
Description: Design the proposed 10' x 9' RCB storm drain system facilities with associated collection system within Alexander Road between Rancho Drive and Decatur Boulevard.						
Date of Original ILA			07/11/2013			
Date of Most Recent Supplement to ILA			05/23/2019		Design ILA Amount \$711,938	
Contract Manager: Oh-Sang Kwon Phone Number: 229-1815		Entity: City of Las Vegas		Consultant: Stanley		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$706,938	\$2,000	\$3,000	\$0	\$0
Percent Complete	0%	70%	0%	0%	0%	0%
Scheduled Completion		06/10/2020				
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Consultant was put on hold at the previous 70% level. Re-kickoff meeting was held on September 19, 2018 to restart the project that now includes RTC Roadway improvements. Finalized scope for next phase of project. Consultant working on the design process toward the next design submittal that will also include RTC roadway improvements.						
Work to be Completed During Next Quarter: Consultant to continue the design process toward the next design submittal that includes RTC roadway improvements with the RFCD facility.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas			Date Prepared	03/02/2020
Project Title: LVW-Moccasin, Skye Canyon Park to Upper LVW				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	LAS31A17			
	Construction	LAS31B18			
Total ILA Amount (Design and Construction All Phases)				\$15,453,582	

DESIGN			Contract Number			LAS31A17
Description: Design of MPU facility within Moccasin alignment between Skye Canyon Park to the Upper Las Vegas Wash. Phased facility to accommodate Skye Canyon Development.						
Date of Original ILA			12/14/2017	Design ILA Amount		\$60,000
Date of Most Recent Supplement to ILA			03/12/2020			
Contract Manager: Gina Venglass		Entity: City of Las Vegas		Consultant: SHG		
Phone Number: 702-229-6190						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$60,000	\$0	\$0	\$0	\$0
Percent Complete	0%	100%	0%	0%	0%	0%
Scheduled Completion	12/21/2019					
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Developer designing facility as a CIP with RFCD funding of construction. 99% design submitted and reviewed by City and RFCD. Incorporated constructability review comments. Working through BLM Grant stipulations and National Park Service Permit. Design complete. Began the bidding process.						
Work to be Completed During Next Quarter: Continue the bidding process. Complete BLM Grant stipulations and National Park Service Permit.						

CONSTRUCTION			Contract Number			LAS31B18
Project Name: LVW - Moccasin, Skye Canyon Park to Upper LVW						
Date of Original ILA			11/08/2018	Construction ILA Amount		\$15,393,582
Date of Most Recent Supplement to ILA						
Description: Construction of MPU facility within Moccasin alignment between Skye Canyon Park Drive and the Upper Las Vegas Wash.						
Contract Manager: Gina Venglass		Construction Mgr: TBD		Contractor: TBD		
Phone Number: 702-229-6790						
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other		
	\$14,386,525	\$1,007,057	\$0	\$0		
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End		
	11/08/2018	06/06/2020	09/02/2020	06/30/2021		
Bid Amount	\$0					
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Design is complete. Working through BLM Grant stipulations and National Park Service Permit. Began the bidding process.						
Work to be Completed During Next Quarter: Complete the bidding process. Anticipate bid opening in June 2020.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas		Date Prepared	03/02/2020	
Project Title: Buckskin Avenue Storm Drain			Review Period From	11/01/2019	
			Review Period To	01/31/2020	
Contract Numbers	Design	LLD10B13			
	Construction	LLD10B13			
Total ILA Amount (Design and Construction All Phases)			\$1,200,000		

DESIGN			Contract Number			LLD10B13
Description: Buckskin Avenue Storm Drain - Local drainage project to alleviate flooding. Construction to include approximately 1,500 feet of 42-inch storm drain with associated collection inlets within an older historic neighborhood.						
Date of Original ILA			07/11/2013		Design ILA Amount	\$0
Date of Most Recent Supplement to ILA			12/12/2019			
Contract Manager:		Entity: City of Las Vegas		Consultant:		
Phone Number:						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$0	\$0	\$0	\$0	\$0
Percent Complete	0%	89%	0%	0%	0%	0%
Scheduled Completion						
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Design complete. Bid opening October 25, 2018 with Tand the apparent low bidder at \$1,197,454. NTP was issued March 25, 2019. Construction began with utility and RCP installation. Contractor has completed project. Project walk-through on August 8, 2019. Contractor has completed punch list. Begin project dose out process						
Work to be Completed During Next Quarter: Contractor to complete the project dose out process.						

CONSTRUCTION			Contract Number			LLD10B13
Project Name: Buckskin Avenue Storm Drain						
Date of Original ILA			07/11/2013		Construction ILA Amount	\$1,200,000
Date of Most Recent Supplement to ILA			12/12/2019			
Description: Buckskin Avenue Storm Drain - Local drainage project to alleviate flooding. Construction to include approximately 1,500 feet of 42-inch storm drain with associated collection inlets within an older historic neighborhood.						
Contract Manager: Oh-Sang Kwon		Construction Mgr: CLV		Contractor: Tand		
Phone Number: 702-229-1815						
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other		
	\$1,200,000	\$0	\$0	\$0		
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End		
	07/11/2013	10/25/2018	02/12/2019	09/16/2019		
Bid Amount	\$1,197,454					
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Design complete. Bid opening October 25, 2018 with Tand the apparent low bidder at \$1,197,454. NTP was issued March 25, 2019. Construction began with utility and RCP installation. Contractor has completed project. Project walk-through on August 8, 2019. Contractor has completed punch list. Begin project dose out process						
Work to be Completed During Next Quarter: Contractor to complete the project dose out process.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Las Vegas			Date Prepared	03/02/2020
Project Title: Luning Drive Storm Drain				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	LLD19A18			
	Construction				
Total ILA Amount (Design and Construction All Phases)					\$0

DESIGN			Contract Number		LLD19A18	
Description: Luning Drive Storm Drain - Local drainage project to alleviate flooding. Construction to include 2,000 LF of 48-inch storm drain and associated inlets collecting flow at Holly & Luning and routing to the CCRFCD facility in Vegas Drive.						
Date of Original ILA			07/12/2018	Design ILA Amount	\$0	
Date of Most Recent Supplement to ILA						
Contract Manager:		Entity: City of Las Vegas		Consultant:		
Phone Number:						
	Pre-design	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$0	\$0	\$0	\$0	\$0
Percent Complete	0%	0%	0%	0%	0%	0%
Scheduled Completion						
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: City and CCRFCD have reviewed the 30% plans with the City progressing toward 70% submittal. City is working to add RTC funding for roadway improvements. City working on 70% storm drain calculations.						
Work to be Completed During Next Quarter: Submit 70% plans that include RTC roadway improvements.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Mesquite			Date Prepared	03/02/2020	
Project Title: Town Wash-Mesa Boulevard, El Dorado to Town Wash				Review Period From	11/01/2019	
				Review Period To	01/31/2020	
Contract Numbers	Design	MES01E17				
	Construction					
Total ILA Amount (Design and Construction All Phases)				\$539,583		
DESIGN				Contract Number	MES01E17	
Description: The Town Wash - Mesa Boulevard, El Dorado to Town Wash project consists of the design of approximately 2,200 linear feet of 12 feet wide concrete channel and approximately 500 linear feet of 12 feet by 7 feet reinforced concrete box.						
Date of Original ILA				09/14/2017	Design ILA Amount	\$539,583
Date of Most Recent Supplement to ILA				11/14/2019		
Contract Manager: Travis Anderson Phone Number: 702-346-5237		Entity: City of Mesquite		Consultant: Atkins Global		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$422,988	\$116,595	\$0	\$0	\$0
Percent Complete	0%	75%	50%	0%	0%	0%
Scheduled Completion		09/30/2021	09/30/2021			
Delay or Problem Areas/Resolution: We are working on getting the private owner to sign off on the construction easement.						
Work Completed During Current Quarter: Atkins has completed the work with Army Corp and is working on the 90% design						
Work to be Completed During Next Quarter: Continue to work on obtaining easement from private property owner. Continue to work on 90% design plans						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of Mesquite			Date Prepared	03/02/2020
Project Title: Virgin River Flood Wall				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	MES04A15			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$1,433,903	

DESIGN			Contract Number		MES04A15	
Description: Virgin River Flood Wall consists of the design and construction of approximately 5,000 linear feet of floodwall / levee with below grade scour protection. The project approach will include pre-design, design and construction activities.						
Date of Original ILA			11/12/2015	Design ILA Amount	\$1,433,903	
Date of Most Recent Supplement to ILA			04/12/2018			
Contract Manager: Travis Anderson Phone Number: 702-346-5237		Entity: City of Mesquite		Consultant: Horrocks Engineers		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$208,278	\$886,060	\$157,630	\$18,680	\$163,255	\$0
Percent Complete	100%	25%	20%	10%	0%	0%
Scheduled Completion	06/30/2017	07/30/2020	07/30/2020	07/30/2020	07/30/2020	
Delay or Problem Areas/Resolution: We are still working with BLM to get all the permits for the geotechnical work and the overall floodwall easement. Work is proceeding really slow.						
Work Completed During Current Quarter: Discussions with BLM are starting to take place. The application process is proceeding. Horrocks is working with BLM on the Plan of Development submissions						
Work to be Completed During Next Quarter: Obtain the approval from BLM for additional geotechnical investigations. Have a field investigation with BLM to evaluate mitigation efforts. Horrocks to continue with ongoing design services.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas		Date Prepared	03/02/2020	
Project Title: Hollywood System, Dunes South DB to Centennial Parkway			Review Period From	11/01/2019	
			Review Period To	01/31/2020	
Contract Numbers	Design	NLV03E13			
	Construction	NLV03H17	NLV03J19		
Total ILA Amount (Design and Construction All Phases)			\$35,637,823		

DESIGN			Contract Number		NLV03E13	
Description: This work consists of installing reinforced concrete box structure within Hollywood Boulevard from Las Vegas Boulevard to Centennial Parkway, and an open channel system on Nellis Air Force Base to the future Dunes South Detention Basin site.						
Date of Original ILA			10/10/2013	Design ILA Amount	\$2,706,972	
Date of Most Recent Supplement to ILA			03/14/2019			
Contract Manager: Tom Brady Phone Number: 633-1227		Entity: City of North Las Vegas		Consultant: Louis Berger Group		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$2,040,000	\$10,000	\$656,972	\$0	\$0
Percent Complete	0%	100%	100%	100%	0%	0%
Scheduled Completion		06/01/2019	12/31/2018	03/01/2019		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Bid evaluations were completed in 8/19/2019 and Council awarded the construction contract on 9/3/2019. The conditional Notice to Proceed was issued on 9/26/2019 and a Pre-construction Meeting was held on 10/21/2019. Submittal reviews began.						
Work to be Completed During Next Quarter: The shop drawings/submittal reviews will continue. Anticipate issuance of a Notice to Proceed with construction on 12/2/2019.						

CONSTRUCTION			Contract Number		NLV03H17
Project Name: Hollywood System, Dunes S DB to Centennial Pkwy-Phase I					
Date of Original ILA			11/09/2017	Construction ILA Amount	\$13,109,000
Date of Most Recent Supplement to ILA			11/08/2018		
Description: This work consists of installing reinforced concrete box structure within Hollywood Boulevard from Las Vegas Boulevard to Centennial Parkway.					
Contract Manager: Tom Brady Phone Number: 633-1227		Construction Mgr: John Fitch		Contractor: TAB	
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other	
	\$12,290,000	\$819,000	\$0	\$0	
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End	
	11/09/2017	05/09/2018	09/17/2018	12/31/2019	
Bid Amount	\$11,164,234				
Delay or Problem Areas/Resolution:					
Work Completed During Current Quarter: Finished the project. All punch list items completed.					
Work to be Completed During Next Quarter: Draft a Notice of Completion for CNLV Council approval, anticipated to be presented at the 3/4/20 meeting.					

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas			Date Prepared	03/02/2020
Project Title: Hollywood System, Dunes South DB to Centennial Parkway				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	NLV03E13			
	Construction	NLV03H17	NLV03J19		
Total ILA Amount (Design and Construction All Phases)				\$35,637,823	
CONSTRUCTION				Contract Number	NLV03J19
Project Name: Hollywood System, Phase II, NAFB Reach					
Date of Original ILA		05/23/2019	Construction ILA Amount		\$19,821,851
Date of Most Recent Supplement to ILA		02/13/2020			
Description: Construct the Range Wash – Hollywood System, Phase II, Nellis Air Force Base Reach (NAFB) Project. Work includes approximately 1.6 miles of storm drain and open channel improvements beginning on Hollywood Boulevard approximately 420 feet north of Las Vegas Boulevard and ending on NAFB south of Munitions Road, and other appurtenances associated with an urban flood control facility.					
Contract Manager: Tom Brady Phone Number: 633-2010		Construction Mgr: Mauricio Cardenas		Contractor: Fisher Sand & Gravel	
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other	
	\$18,500,000	\$1,321,851	\$0	\$0	
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End	
	05/23/2019	07/24/2019	12/09/2019	02/24/2021	
Bid Amount	\$15,992,992				
Delay or Problem Areas/Resolution:					
Work Completed During Current Quarter: Issued Notice to Proceed effective 12/9/19. CM Works contracted to perform construction management for this project. Nellis dig permit delays. Potholing & excavation activities began.					
Work to be Completed During Next Quarter: Activities to continue on Nellis Air Force Base. Channel & RCB excavation.					

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas			Date Prepared	03/02/2020
Project Title: Range Wash - Ann Branch				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	NLV03F17			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$1,081,889	

DESIGN			Contract Number			NLV03F17
Description: Design of storm drain facilities along Tropical Parkway, Mount Hood, and Ann Road. Identified in the MPU as RWAN 0050, and RWAN 0000.						
Date of Original ILA			03/09/2017	Design ILA Amount		\$1,081,889
Date of Most Recent Supplement to ILA			06/14/2018			
Contract Manager: Allan Fajardo		Entity: City of North Las Vegas			Consultant: Louis Berger Group	
Phone Number: 633-2044						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$821,889	\$10,000	\$250,000	\$0	\$0
Percent Complete	0%	100%	100%	100%	0%	0%
Scheduled Completion		12/31/2019	06/30/2018	10/31/2018		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Bids were received at a public bid opening held on 12/3/2019. Bids were reviewed, a recommendation of award posted, and a CNLV Council item and back up were drafted. Council awarded the bid and approved a construction contract for Las Vegas Paving on 1/15/20.						
Work to be Completed During Next Quarter: The design ILC will be kept open so the design consultant can review submittals and consult on the project. The construction will be reported under contract number NLV03K19.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas			Date Prepared	03/02/2020
Project Title: Hollywood System, Centennial Pkwy-Speedway #2 DB				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	NLV03G17			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$1,586,850	

DESIGN			Contract Number			NLV03G17
Description: This project includes the design, right-of-way acquisition and environmental mitigation for the Hollywood System from Centennial Parkway to Speedway #2 Detention Basin identified in the 2013 Master Plan Update as Structures Nos. RWHW 0300, 0355, 0369, 0410 and 0412. The improvements include pipes, channels, dikes, energy dissipators, channel structures, channel access and other appurtenances as may be necessary to control floodwaters.						
Date of Original ILA			03/09/2017		Design ILA Amount	
Date of Most Recent Supplement to ILA			10/11/2018		\$1,586,850	
Contract Manager: Cliff Moss		Entity: City of North Las Vegas			Consultant: Stantec	
Phone Number: 633-1904						
	Pre-design	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$1,069,725	\$10,000	\$507,125	\$0	\$0
Percent Complete	0%	95%	90%	90%	0%	0%
Scheduled Completion		06/30/2020	06/30/2020	06/30/2020		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: A dam breach study was prepared and submitted to NDWR for review. Speedway #2 wast determined to be a significant hazard and a spillway and additional geotechnical evaluation was required.						
Work to be Completed During Next Quarter: Evaluate options to perform additional grading in the basin, lower the outlet and lower the southwest embankment. Prepare presentations for Technical Advisory Committee, Citizens Advisory Committee and CCRFCD Board. Complete the final plans and specifications.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas			Date Prepared	03/02/2020
Project Title: Range Wash - Ann Branch, Phase I				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design				
	Construction	NLV03I18			
Total ILA Amount (Design and Construction All Phases)				\$2,668,000	
CONSTRUCTION				Contract Number	NLV03I18
Project Name: Range Wash - Ann Branch, Phase I					
Date of Original ILA			02/08/2018	Construction ILA Amount	\$2,668,000
Date of Most Recent Supplement to ILA					
Description: Construct four lane arterial roadway improvements along Tropical Parkway and Nicco Way to Hollywood Boulevard, and along Hollywood Boulevard from Tropical Parkway to Speed Way Boulevard. Project includes and RCB storm drain system, storm & water improvements, utility relocation, and other appurtenances as needed.					
Contract Manager: David Tanner Phone Number: 633-2673		Construction Mgr: David Tanner		Contractor: Las Vegas Paving	
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other	
	\$2,470,000	\$198,000	\$0	\$0	
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End	
	02/08/2018	05/16/2018	07/02/2018	10/22/2019	
Bid Amount	\$9,789,090				
Delay or Problem Areas/Resolution:					
Work Completed During Current Quarter: Addressed punch list items					
Work to be Completed During Next Quarter: Project Closeout.					

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas			Date Prepared	03/02/2020
Project Title: Range Wash - Ann Branch, Phase II				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design				
	Construction	NLV03K19			
Total ILA Amount (Design and Construction All Phases)				\$7,697,245	
CONSTRUCTION				Contract Number	NLV03K19
Project Name: Range Wash - Ann Branch, Phase II					
Date of Original ILA			09/12/2019	Construction ILA Amount	\$7,697,245
Date of Most Recent Supplement to ILA					
Description: Construction of RCB in Ann Rd from Hollywood Blvd to Mt Hood St and then north on Mt Hood St to approximately 300 feet south of Tropical Pkwy. Work includes RCB (9'x6' to 12'x7'), RCP laterals, drop inlets, manholes, transition structures, utility relocations, and pavement replacement.					
Contract Manager: Tom Brady Phone Number: 633-2003		Construction Mgr: Mauricio Cardenas		Contractor: Las Vegas Paving	
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other	
	\$7,118,510	\$578,735	\$0	\$0	
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End	
	09/12/2019	12/03/2019		01/30/2021	
Bid Amount	\$6,586,705				
Delay or Problem Areas/Resolution:					
Work Completed During Current Quarter: Bids advertised on 11/3/19. Prebid conference was held on 11/12/19 with bid opening on 12/3/19. 9 bidders submitted bids. Bid evaluations were performed and Recommendation of Award for Las Vegas Paving was filed on 1/8/20. CNLV Council awarded and approved bid and construction contract for Las Vegas Paving on 1/15/20.					
Work to be Completed During Next Quarter: Anticipate issuing the Notice to Proceed, scheduling pre-construction meeting, and starting construction activities.					

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas			Date Prepared	03/02/2020
Project Title: Gowan Outfall, Alexander Rd - Decatur to Simmons Street				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	NLV04K17			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$1,931,156	

DESIGN			Contract Number			NLV04K17
Description: This interlocal contract applies to design and environmental mitigation of 8,515 total feet of various sized storm drain within Alexander Road between Decatur Boulevard and Simmons Street. Specifically, the system is comprised of 2,700 feet of twin 12 foot by 8 foot Reinforced Concrete Box (RCB) from Decatur Boulevard east, followed by 5,300 feet of twin 14 foot by 8 foot RCBs and completed with 515 feet of a single 16 foot by 8 foot RCB.						
Date of Original ILA			02/09/2017		Design ILA Amount	
Date of Most Recent Supplement to ILA			06/14/2018		\$1,931,156	
Contract Manager: Robert Huggins		Entity: City of North Las Vegas			Consultant: CH2M	
Phone Number: 633-2003						
	Pre-design	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$1,921,156	\$10,000	\$0	\$0	\$0
Percent Complete	0%	80%	80%	0%	0%	0%
Scheduled Completion		05/30/2020	05/30/2020			
Delay or Problem Areas/Resolution: Existing utilities on the Alexander corridor have caused problems. Additional work, and possible TCE's at downstream open channel/Red Coach alignment will delay the project.						
Work Completed During Current Quarter: 70% submittal completed. Consultant is working on addressing comments and preparing 90% submittal.						
Work to be Completed During Next Quarter: Work on 90% submittal.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas		Date Prepared	03/02/2020	
Project Title: Vandenberg North Detention Basin & Outfall			Review Period From	11/01/2019	
			Review Period To	01/31/2020	
Contract Numbers	Design	NLV09E11			
	Construction	CLA28D18			
Total ILA Amount (Design and Construction All Phases)			\$5,299,770		

DESIGN			Contract Number			NLV09E11
Description: This project includes a 290 acre-foot detention basin and spillway located at Centennial and Pecos with associated collection channels extending east of the basin, 24" reinforced concrete outfall pipe in Pecos to Centennial and 8' X 7' reinforced concrete box culvert from approx. 700 feet. north of Azure to Tropical.						
Date of Original ILA			04/14/2011		Design ILA Amount	\$1,534,770
Date of Most Recent Supplement to ILA			08/08/2019			
Contract Manager: Tom Brady Phone Number: 633-1227		Entity: City of North Las Vegas		Consultant: Atkins		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$123,326	\$1,220,000	\$126,770	\$64,674	\$0	\$0
Percent Complete	100%	100%	100%	100%	0%	0%
Scheduled Completion	11/12/2015	08/31/2019	07/13/2017	08/31/2019		
Delay or Problem Areas/Resolution: The BLM land grant application processing was delayed by a year due to internal BLM process, coordination and mapping issues. Final paperwork received July 2019.						
Work Completed During Current Quarter: Bid docs advertised on 12/1/19. Prebid conference held on 12/18/19. Bids opened on 1/8/20. 8 bidders submitted. Bid evaluations began. Negotiations for consultant to perform construction management services began.						
Work to be Completed During Next Quarter: Anticipate posting Recommendation of Award. Prepare Agenda Items for CNLV City Council to award and approve the construction contract and construction management agreement. Schedule a pre-construction meeting.						

CONSTRUCTION			Contract Number			CLA28D18
Project Name: Vandenberg North DB, Collection & Outfall, Phase I						
Date of Original ILA			12/13/2018		Construction ILA Amount	\$3,765,000
Date of Most Recent Supplement to ILA						
Description: Construction of first phase of Vandenberg North Collection facilities, consisting of 1200 feet of 18'x8' RCB (to be capped in interim) in Pecos Road south of the CC215/Pecos Road interchange. This phase was implemented so ongoing roadway work in Pecos and storm drain can be installed simultaneously.						
Contract Manager: Blair Lecker Phone Number: 702.455.6331		Construction Mgr: CMWorks			Contractor: Las Vegas Paving	
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other		
	\$3,391,000	\$374,000	\$0	\$0		
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End		
	12/13/2018	02/12/2019	02/05/2019			
Bid Amount	\$3,288,397					
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Majority of 18'x8' RCB has been installed in Pecos Rd. Short segment remains to be completed at upstream end to be completed when traffic control shifts to west side of Pecos.						
Work to be Completed During Next Quarter: Finish installation of 18'x8' RCB.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas			Date Prepared	03/02/2020
Project Title: Beltway Detention Basin and Channel				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	NLV09I13			
	Construction	NLV09J19			
Total ILA Amount (Design and Construction All Phases)				\$17,591,926	

DESIGN			Contract Number			NLV09I13
Description: The current interlocal contract for \$642,817 funds preliminary design, right of way and environmental mitigation for the Beltway Detention Basin and Channel. The basic improvements shall consist of flood control facilities including pipes, culverts, channels, energy dissipators, channel structures, channel access, storm drain inlets and laterals, and other appurtenances as may be necessary to control flood waters and accommodate facility maintenance.						
Date of Original ILA			10/10/2013		Design ILA Amount	
Date of Most Recent Supplement to ILA			01/09/2020		\$1,399,000	
Contract Manager: Rob Huggins		Entity: City of North Las Vegas		Consultant: Atkins North America		
Phone Number: 633-2003						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$989,000	\$10,000	\$400,000	\$0	\$0
Percent Complete	40%	100%	100%	100%	0%	0%
Scheduled Completion	10/15/2016	12/31/2019	12/31/2019	08/01/2019		
Delay or Problem Areas/Resolution: Project has been delayed by the revision of soil classifications, and a review of the need for the project at the 70% level. The acquisition of R/W has also substantially delayed the project.						
Work Completed During Current Quarter: All R/W has been obtained.						
Work to be Completed During Next Quarter: The plan for February/March/April is advertise and award construction contract.						

CONSTRUCTION			Contract Number			NLV09J19
Project Name: Beltway Detention Basin, Collection and Outfall						
Date of Original ILA			05/23/2019		Construction ILA Amount	
Date of Most Recent Supplement to ILA					\$16,192,926	
Description: Construct the Beltway Detention Basin, Collection and Outfall project. Improvements consist of flood water facilities including Basin, pipes, culverts, channels, energy dissipators, channel structures, channel access, storm drain inlets and laterals and other appurtenances as may be necessary to control flood waters and accommodate facility maintenance.						
Contract Manager: Robert Huggins		Construction Mgr:			Contractor:	
Phone Number: 633-2003						
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other		
	\$15,132,926	\$1,060,000	\$0	\$0		
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End		
	05/23/2019			06/30/2021		
Bid Amount	\$0					
Delay or Problem Areas/Resolution: Project has been delayed by the revision of soil classifications, and a review of the need for the project at the 70% level. The acquisition of R/W has also substantially delayed the project.						
Work Completed During Current Quarter:						
Work to be Completed During Next Quarter: Anticipate advertising for public bidding in the future.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas			Date Prepared	03/02/2020
Project Title: Vandenberg North DB, Collection & Outfall, Phase II				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design				
	Construction	NLV09K19			
Total ILA Amount (Design and Construction All Phases)				\$30,499,000	
CONSTRUCTION				Contract Number	NLV09K19
Project Name: Vandenberg North DB, Collection & Outfall, Phase II					
Date of Original ILA			08/08/2019	Construction ILA Amount	\$30,499,000
Date of Most Recent Supplement to ILA					
Description: Construction of Vandenberg North Detention Basin, Collection Channel extending east of the basin, and RCB storm drains in Pecos Road, extending from the VA hospital south to Tropical Parkway.					
Contract Manager: Tom Brady		Construction Mgr: Maurico Cardenas		Contractor: Las Vegas Paving	
Phone Number: 633-1227					
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other	
	\$28,504,000	\$1,995,000	\$0	\$0	
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End	
	08/08/2019	01/08/2020	04/01/2020		
Bid Amount	\$22,789,999				
Delay or Problem Areas/Resolution:					
Work Completed During Current Quarter: Bid docs advertised on 12/1/19. Prebid conference held on 12/18/19. Bids opened on 1/8/20. 8 bidders submitted. Bid evaluations began. Negotiations for consultant to perform construction management services began.					
Work to be Completed During Next Quarter: Bid docs advertised on 12/1/19. Prebid conference held on 12/18/19. Bids opened on 1/8/20. 8 bidders submitted. Bid evaluations began. Negotiations for consultant to perform construction management services began.					

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas			Date Prepared	03/02/2020
Project Title: Las Vegas Wash Cartier Channel				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	NLV10L19			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$698,289	

DESIGN			Contract Number			NLV10L19
Description: Proposed improvements include design of 10'x5' RCB and associated collection facilities along Las Vegas Blvd from Lake Mead Blvd to Cartier Ave and along Cartier Channel to Las Vegas Wash.						
Date of Original ILA			10/10/2019		Design ILA Amount	
Date of Most Recent Supplement to ILA					\$698,289	
Contract Manager: Rob Huggins		Entity: City of North Las Vegas			Consultant: CA Group	
Phone Number: (702) 633-2003						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$676,289	\$2,000	\$20,000	\$0	\$0
Percent Complete	0%	1%	0%	0%	0%	0%
Scheduled Completion	06/30/2021					
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Finalized negotiation of fee with CA Group. Work will be in two phases: Phase I from Lake Mead to Carey with the LVB Road Improvements Project, and Phase II from Carey to LV Wash as a stand alone project.						
Work to be Completed During Next Quarter: Anticipate a consultant agreement being approved by CNLV City Council and conducting a design kick-off meeting.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas			Date Prepared	03/02/2020
Project Title: Fifth St Collector, Centennial Pkwy to Deer Spgs Way				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	NLV17C16			
	Construction	NLV17D18			
Total ILA Amount (Design and Construction All Phases)				\$6,142,079	

DESIGN			Contract Number			NLV17C16
Description: To design approximately 2,600 linear feet of storm drain within North 5th street between Centennial Parkway and Deer Springs Way.						
Date of Original ILA			11/10/2016	Design ILA Amount		\$726,079
Date of Most Recent Supplement to ILA			06/14/2018			
Contract Manager: Allan Fajardo		Entity: City of North Las Vegas		Consultant: VTN		
Phone Number: 633-2044						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$456,991	\$10,000	\$259,088	\$0	\$0
Percent Complete	0%	100%	100%	100%	0%	0%
Scheduled Completion		01/04/2019	04/12/2018	07/31/2018		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Project was advertised for bid and the bid was Construction contract was awarded to Las Vegas Paving at the 4/17/2019 NLV Council Meeting.						
Work to be Completed During Next Quarter: All future status reports will be under the construction contract. The design contract will be kept active for construction submittals and questions.						

CONSTRUCTION			Contract Number			NLV17D18
Project Name: Fifth St Collector, Centennial Pkwy to Deer Spgs Way						
Date of Original ILA			09/13/2018	Construction ILA Amount		\$5,416,000
Date of Most Recent Supplement to ILA			05/23/2019			
Description: To construct approximately 2,600 linear feet of storm drain within North 5th street between Centennial Parkway and Deer Springs Way.						
Contract Manager: Tom Brady		Construction Mgr: John Fitch		Contractor: Las Vegas Paving		
Phone Number: 633-1227						
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other		
	\$4,950,000	\$466,000	\$0	\$0		
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End		
	09/13/2018	02/05/2019	08/12/2019	10/25/2019		
Bid Amount	\$4,697,385					
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: All construction work completed.						
Work to be Completed During Next Quarter: Anticipate completing all QC documentation. Plan to submit video of RCB for approval. Present Notice of Completion to CNLV Council for approval. Project close out.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	City of North Las Vegas			Date Prepared	03/02/2020
Project Title: Carey-Lake Mead DB Outfall Modification				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	NLV19A19			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$100,000	

DESIGN			Contract Number			NLV19A19
Description: The proposed improvements include design of a 48" RCP outfall from the existing Carey-Lake Mead Detention Basin to connect to an existing storm drain in the Carey/Simmons intersection.						
Date of Original ILA			10/10/2019		Design ILA Amount	
Date of Most Recent Supplement to ILA					\$100,000	
Contract Manager: Tom Brady		Entity: City of North Las Vegas			Consultant: Poggemeyer	
Phone Number: 633-1227						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$100,000	\$0	\$0	\$0	\$0	\$0
Percent Complete	0%	0%	0%	0%	0%	0%
Scheduled Completion	12/31/2020					
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Poggemeyer is looking at preliminary hydrology and gathering survey data.						
Work to be Completed During Next Quarter: Anticipate holding a progress meeting, proceed with pre design.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County			Date Prepared	03/02/2020	
Project Title: Flamingo Wash, Maryland Pkwy to Palos Verdes Street				Review Period From	11/01/2019	
				Review Period To	01/31/2020	
Contract Numbers	Design	CLA04Y19				
	Construction					
Total ILA Amount (Design and Construction All Phases)				\$535,000		

DESIGN			Contract Number		CLA04Y19	
Description: This project includes open channel improvements from Maryland Parkway to Cambridge and from Swenson Street to Palos Verdes						
Date of Original ILA			04/11/2019		Design ILA Amount	
Date of Most Recent Supplement to ILA					\$535,000	
Contract Manager: Bryan Osborne		Entity: Clark County			Consultant: WSP	
Phone Number: 702-455-6127						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$500,000	\$15,000	\$0	\$20,000	\$0
Percent Complete	0%	30%	0%	0%	0%	0%
Scheduled Completion		05/12/2020	05/12/2020			
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: 30% Design Review meeting						
Work to be Completed During Next Quarter: Continue Design						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County			Date Prepared	03/02/2020
Project Title: Silverado Ranch Detention Basin and Outfall Facilities				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	CLA08S13			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$1,370,000	

DESIGN			Contract Number		CLA08S13	
Description: This project includes a 240 acre foot detention basin located south of Silverado Ranch Boulevard and west of Arville Street, 6' x 5' reinforced concrete box culvert inflow facility in Le Baron Avenue from detention basin to Decatur Boulevard, and 7' x 4' reinforced concrete pipe outlet extending from the detention basin to & along Silverado Ranch Boulevard. CCPW #FCLA08S						
Date of Original ILA			09/12/2013	Design ILA Amount	\$1,370,000	
Date of Most Recent Supplement to ILA			09/08/2016			
Contract Manager: Kathleen Kingston Phone Number: 702-455-6043		Entity: Clark County		Consultant: Westwood		
	Pre-design	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$1,248,000	\$81,000	\$31,000	\$0	\$10,000
Percent Complete	0%	90%	0%	0%	0%	0%
Scheduled Completion		05/01/2020	05/01/2020	05/01/2020		05/01/2020
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Continued design						
Work to be Completed During Next Quarter: Continue design						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County			Date Prepared	03/02/2020
Project Title: Flamingo Wash, Industrial Road to Hotel Rio Drive				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	CLA10F10			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$46,000	

DESIGN			Contract Number			CLA10F10
Description: This project consists of channel improvements from Industrial Road to Hotel Rio Drive. CCPW #FCLA10F						
Date of Original ILA			04/08/2010	Design ILA Amount		\$46,000
Date of Most Recent Supplement to ILA			06/11/2015			
Contract Manager: Bob Leuck Phone Number: 702-455-6015		Entity: Clark County		Consultant: TBD		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$32,000	\$3,500	\$10,500	\$0	\$0
Percent Complete	0%	15%	0%	50%	0%	0%
Scheduled Completion		09/15/2020	09/15/2020	09/15/2020		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Project was originally being worked on by in-house staff. Due to lack of staffing, project will go out to consultant.						
Work to be Completed During Next Quarter: Interview and hire consultant to complete design.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County			Date Prepared	03/02/2020	
Project Title: Airport Channel - Naples				Review Period From	11/01/2019	
				Review Period To	01/31/2020	
Contract Numbers	Design	CLA10H13				
	Construction					
Total ILA Amount (Design and Construction All Phases)				\$1,200,000		
DESIGN				Contract Number	CLA10H13	
Description: This project consists of open channel improvements from Harmon Avenue to Tropicana Avenue. CCPW #FCLA10H						
Date of Original ILA				09/12/2013	Design ILA Amount	\$1,200,000
Date of Most Recent Supplement to ILA				06/13/2019		
Contract Manager: Kathleen Kingston		Entity: Clark County		Consultant: Atkins		
Phone Number: 702-455-6043						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$1,151,000	\$47,000	\$2,000	\$0	\$0
Percent Complete	0%	30%	0%	100%	0%	0%
Scheduled Completion		04/01/2020	04/01/2020	04/01/2020		
Delay or Problem Areas/Resolution: Need environmental permits						
Work Completed During Current Quarter: Design. Work with CCDOA for MOU for ROW						
Work to be Completed During Next Quarter: Determine whether we can increase the outflow from the peaking basin and decrease the footprint of the basin						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County			Date Prepared	03/02/2020
Project Title: Wagon Trail Chnl, Sunset Rd to Teco Avenue				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	CLA10I19			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$318,800	

DESIGN			Contract Number		CLA10I19	
Description: This project includes a 10 ft x 6 ft. reinforced concrete box culvert in Procyon Street extending from Sunset Road to Teco Avenue.						
Date of Original ILA			04/11/2019	Design ILA Amount	\$318,800	
Date of Most Recent Supplement to ILA			03/12/2020			
Contract Manager: Bryan Osborne Phone Number: 702-455-6127		Entity: Clark County		Consultant: Westwood		
	Pre-design	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$253,800	\$15,000	\$50,000	\$0	\$0
Percent Complete	0%	5%	0%	0%	0%	0%
Scheduled Completion		12/01/2020	12/01/2020	12/01/2020		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Begin Design						
Work to be Completed During Next Quarter: Continue Design						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County			Date Prepared	03/02/2020
Project Title: LVW Sloan-Bonanza, Flam W below Nellis				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	CLA15C09	CLA15D12		
	Construction	CLA15E13			
Total ILA Amount (Design and Construction All Phases)				\$90,699,555	

DESIGN			Contract Number			CLA15C09
Description: This project includes preliminary hydraulic analysis for the ultimate channel improvements on the Las Vegas Wash, Sloan Lane to Cedar Avenue. CCPW #FCLA15C Exp 06/14						
Date of Original ILA			10/08/2009		Design ILA Amount	
Date of Most Recent Supplement to ILA			07/14/2011		\$193,555	
Contract Manager: Joanna Wadsworth		Entity: Clark County			Consultant: G C Wallace, Inc	
Phone Number: 455-6009						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$193,555	\$0	\$0	\$0	\$0	\$0
Percent Complete	100%	0%	0%	0%	0%	0%
Scheduled Completion	03/15/2011					
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: .						
Work to be Completed During Next Quarter: Contract closed.						

DESIGN			Contract Number			CLA15D12
Description: LVMD 0883 through 1121. Open channel for Las Vegas Wash from its confluence with the Sloan Channel thru the Desert Rose Golf Course and upstream to Bonanza, including new bridge at Sahara. County is lead entity with CLV funds and support and some NLV funds.						
Date of Original ILA			06/14/2012		Design ILA Amount	
Date of Most Recent Supplement to ILA			06/13/2019		\$6,322,000	
Contract Manager: Mona Stammetti		Entity: Clark County			Consultant: GC Wallace, Inc.	
Phone Number: (702) 455-6077						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$5,446,000	\$220,000	\$22,000	\$284,000	\$350,000
Percent Complete	0%	100%	100%	100%	60%	0%
Scheduled Completion		06/15/2014	12/15/2013	06/15/2014	12/15/2015	12/15/2015
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter:						
Work to be Completed During Next Quarter: Sub Complete						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County			Date Prepared	03/02/2020	
Project Title: LVW Sloan-Bonanza, Flam W below Nellis				Review Period From	11/01/2019	
				Review Period To	01/31/2020	
Contract Numbers	Design	CLA15C09	CLA15D12			
	Construction	CLA15E13				
Total ILA Amount (Design and Construction All Phases)				\$90,699,555		
CONSTRUCTION				Contract Number	CLA15E13	
Project Name: LVW-Sloan to Stewart-Flam Wash below Nellis						
Date of Original ILA				10/10/2013	Construction ILA Amount	\$84,184,000
Date of Most Recent Supplement to ILA				09/13/2018		
Description: Open concrete channel for Las Vegas Wash from its confluence with the Sloan Channel upstream to Cedar Avenue, including new bridge at Desert Rose Golf Course. Las Vegas Wash, Nellis to Stewart, Pedestrian Bridge & Phase 2 Trail CCPW FCLA15E Bid No. 603152-13 and Bid No. 603740-15 (911)						
Contract Manager: Blair Lecker		Construction Mgr: Stanley Consultants			Contractor: Ames Construction, Inc.	
Phone Number: 702-455-6331						
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other		
	\$73,952,000	\$7,432,000	\$0	\$2,800,000		
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End		
	10/10/2013	08/13/2015	01/19/2016	12/15/2017		
Bid Amount	\$27,928,935					
Delay or Problem Areas/Resolution: Storm events delayed construction						
Work Completed During Current Quarter: Working on the claim from Ames.						
Work to be Completed During Next Quarter: LOMR to be effective August 1, 2019. Working on the claim from Ames.						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County			Date Prepared	03/02/2020
Project Title: Blue Diamond Wash, Arville Street to I-15				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	CLA16019			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$635,000	

DESIGN			Contract Number		CLA16019	
Description: This project includes a 72 inch diameter reinforced concrete pipe storm drain in Robindale Road from Arville Street to I-15						
Date of Original ILA			04/11/2019	Design ILA Amount	\$635,000	
Date of Most Recent Supplement to ILA			10/10/2019			
Contract Manager: Bryan Osborne Phone Number: 702-455-6127		Entity: Clark County		Consultant: Westwood		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$550,000	\$15,000	\$50,000	\$20,000	\$0
Percent Complete	0%	0%	0%	0%	0%	0%
Scheduled Completion		02/01/2021	02/01/2021	02/01/2021	02/01/2021	
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Begin Design						
Work to be Completed During Next Quarter: Continue Design						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County			Date Prepared	03/02/2020
Project Title: Orchard Detention Basin				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	CLA21A00			
	Construction	CLA21B12			
Total ILA Amount (Design and Construction All Phases)				\$6,729,586	

DESIGN			Contract Number		CLA21A00	
Description: Soil cement lined levee that will extend south from the Linden Avenue alignment to Charleston Boulevard along the base of Sunrise Mountain. This facility will collect flows draining east off the mountain and convey them south to the Orchard Detention Basin located south of Charleston Boulevard. CCPW#F000714 id 690						
Date of Original ILA			07/13/2000	Design ILA Amount	\$1,799,700	
Date of Most Recent Supplement to ILA			02/08/2018			
Contract Manager: Mona Stammetti		Entity: Clark County		Consultant: WSP		
Phone Number: 702-455-6077						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$1,073,000	\$251,900	\$448,000	\$0	\$26,800
Percent Complete	0%	30%	0%	0%	0%	0%
Scheduled Completion		06/15/2020	06/15/2020	06/15/2020		06/15/2020
Delay or Problem Areas/Resolution: Need BLM ROW						
Work Completed During Current Quarter: Design						
Work to be Completed During Next Quarter: Continue design for Phase 2						

CONSTRUCTION			Contract Number		CLA21B12
Project Name: Orchard Detention Basin					
Date of Original ILA			09/08/2011	Construction ILA Amount	\$4,929,886
Date of Most Recent Supplement to ILA			10/13/2016		
Description: The Orchard Detention Basin is located east of Los Feliz Street between Charleston Boulevard and north of Sahara Avenue. This project will benefit the community by conveying flows to the Las Vegas Wash via the Range Wash - Sloan Channel. Project includes visual enhancement and restoration plans. CCPW Project No. FCLA21B (F000714) Bid No.					
Contract Manager: Blair Lecker		Construction Mgr: CCPW		Contractor: VT Construction	
Phone Number: 702-455-6331					
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other	
	\$4,659,429	\$270,458	\$0	\$0	
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End	
	04/12/2012	06/25/2014	11/17/2014	06/15/2015	
Bid Amount	\$4,545,033				
Delay or Problem Areas/Resolution:					
Work Completed During Current Quarter: NTP issued to VT Construction on 11/17/14.					
Work to be Completed During Next Quarter: Substantial completion issued 06/03/15 for construction of the detention basin. This ILC was closed 10.13.16 #7. See Design CLA21A00 for updates on Phase II.					

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County			Date Prepared	03/02/2020
Project Title: Jim McGaughey DB, Collection Basin and Outfall				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	CLA36A18			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$3,382,870	

DESIGN			Contract Number		CLA36A18	
Description: Proposed improvements to include an 88-acre-foot detention basin located south of Owens Avenue and west of Los Feliz Street. 8-feet by 6-feet and 6-feet by 6-feet reinforced concrete box inflow facilities from just north of Owens Avenue to the detention basin, a concrete inflow channel, spillway and 24-inches to 48-inches reinforced concrete pipe outfall from the detention basin to Hollywood Blvd.						
Date of Original ILA			06/14/2018	Design ILA Amount		
Date of Most Recent Supplement to ILA			07/11/2019	\$3,382,870		
Contract Manager: Richard Robinson Phone Number: 702-455-6921		Entity: Clark County		Consultant: CH2M Hill		
	Pre-design	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$1,382,870	\$0	\$2,000,000	\$0	\$0
Percent Complete	0%	15%	0%	0%	0%	0%
Scheduled Completion		04/01/2020		04/01/2020		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: awarded contract, met with CCSD. Completed access agreement with CCSD.						
Work to be Completed During Next Quarter: Continue Design						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County			Date Prepared	03/02/2020
Project Title: Duck Creek/Blue Diamond, Bermuda Rd to LV Blvd				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	CLA39A19			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$453,000	

DESIGN			Contract Number		CLA39A19	
Description: This project included reinforced concrete box culverts of varying sizes and concrete open channel along Duc Creek/Blue Diamond Wash extending from Bermuda Road to Las Vegas Blvd.						
Date of Original ILA			04/11/2019	Design ILA Amount		
Date of Most Recent Supplement to ILA				\$453,000		
Contract Manager: Ryan Belsick Phone Number: 702-455-6140		Entity: Clark County		Consultant: Stantec		
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$400,000	\$15,000	\$18,000	\$20,000	\$0
Percent Complete	0%	0%	0%	0%	0%	0%
Scheduled Completion		07/01/2020	07/01/2020	07/01/2020	07/01/2020	
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Design						
Work to be Completed During Next Quarter: Design						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County Outlying			Date Prepared	03/02/2020
Project Title: Windmill Wash Detention Basin Expansion				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	BUN01D11			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$880,000	

DESIGN			Contract Number			BUN01D11
Description: This project consists of the expansion of the existing Windmill Wash Detention Basin from 522 acre feet to 887 acre feet. CCPW Windmill Wash Detention Basin Expansion #FBUN01D ID 746						
Date of Original ILA			02/10/2011		Design ILA Amount	\$880,000
Date of Most Recent Supplement to ILA			10/11/2018			
Contract Manager: Richard Robinson		Entity: Clark County Outlying		Consultant: TBD		
Phone Number: 702-455-6921						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$656,000	\$179,000	\$41,000	\$0	\$4,000
Percent Complete	0%	100%	0%	0%	0%	0%
Scheduled Completion		09/15/2021	09/15/2021	09/15/2021		09/15/2021
Delay or Problem Areas/Resolution: Based on 2017 MPU hydrology, DB expansion is not required. Continue with levee design and construction only.						
Work Completed During Current Quarter:						
Work to be Completed During Next Quarter: Levee Design						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County Outlying			Date Prepared	03/02/2020
Project Title: Goodsprings - Phase I				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	GSP01B10			
	Construction				
Total ILA Amount (Design and Construction All Phases)				\$83,400	

DESIGN			Contract Number		GSP01B10	
Description: Provide legal description of one parcel for flood control facilities in the Goodsprings system for a riprap channel in Pacific Street and Revere Street discharging to the natural watercourse on the north side of Goodsprings. CCPW Goodsprings - Phase I #FGSP01B						
Date of Original ILA			03/11/2010	Design ILA Amount	\$83,400	
Date of Most Recent Supplement to ILA			04/13/2017			
Contract Manager: Timothy Piparo Phone Number: 702-455-6339		Entity: Clark County Outlying		Consultant: CCPW		
	Pre-design	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$25,400	\$500	\$57,500	\$0	\$0
Percent Complete	0%	70%	0%	100%	0%	0%
Scheduled Completion		01/01/2021	01/01/2021	01/01/2021		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Design						
Work to be Completed During Next Quarter: Continue design						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County Outlying			Date Prepared	03/03/2020
Project Title: SR 163 at Casino Drive				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	LAU04A08			
	Construction	LAU04B17			
Total ILA Amount (Design and Construction All Phases)				\$2,778,500	

DESIGN			Contract Number			LAU04A08
Description: This project consists of an RCB under Casino Drive, and the first part was included in the RTC's Casino Drive, Harrahs Hotel to SR 163 project(R064L07) project. The pipe will now be connected to the upstream existing storm drain. CCPW SR 163 at Casino Drive #FLAU04A id 755						
Date of Original ILA			10/09/2008		Design ILA Amount	\$528,500
Date of Most Recent Supplement to ILA			03/14/2019			
Contract Manager: Louise Steeps		Entity: Clark County Outlying		Consultant: G.C. Wallace, Inc.		
Phone Number: 702-455-6216						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$391,500	\$125,500	\$11,500	\$0	\$0
Percent Complete	0%	100%	100%	100%	0%	0%
Scheduled Completion		03/01/2017	03/01/2017	03/01/2017		
Delay or Problem Areas/Resolution: Determination of the high water mark must be made before the State of Nevada will grant right-of-occupancy.						
Work Completed During Current Quarter: Begin Construction						
Work to be Completed During Next Quarter: Continue Construction						

CONSTRUCTION			Contract Number			LAU04B17
Project Name: SR 163 at Casino Drive						
Date of Original ILA			07/13/2017		Construction ILA Amount	\$2,250,000
Date of Most Recent Supplement to ILA			03/14/2019			
Description: Construct a storm drain at SR 163 at Casino Drive to convey flows to the Colorado River. SR 163 at Casino Drive #FLAU04B						
Contract Manager: Dan Erickson		Construction Mgr: Jimmy Floyd		Contractor: Las Vegas Paving		
Phone Number: 702-455-6046						
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other		
	\$2,065,000	\$185,000	\$0	\$0		
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End		
	07/13/2017	01/18/2019	07/22/2019	01/09/2020		
Bid Amount	\$1,790,675					
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Substantial completion date issued 1/9/2020						
Work to be Completed During Next Quarter: Pending as-built and project close-out						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County Outlying			Date Prepared	03/03/2020
Project Title: Muddy River Logandale Levee				Review Period From	11/01/2019
				Review Period To	01/31/2020
Contract Numbers	Design	MOA01F10			
	Construction	MOA01H15			
Total ILA Amount (Design and Construction All Phases)				\$9,962,488	

DESIGN			Contract Number		MOA01F10	
Description: Design of flood control facilities in the Muddy River and Tributaries system for Muddy River Logandale Levee. Completed project will remove flood zone in Logandale originating from breakout flows from the Muddy River. CCPW Muddy River Logandale Levee #FMOA01F						
Date of Original ILA			03/11/2010	Design ILA Amount	\$1,753,000	
Date of Most Recent Supplement to ILA			03/14/2019			
Contract Manager: Bob Leuck		Entity: Clark County Outlying		Consultant: GC Wallace		
Phone Number: 702-455-6015						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$964,690	\$76,905	\$565,975	\$145,430	\$0
Percent Complete	0%	100%	100%	100%	100%	0%
Scheduled Completion		12/15/2014	12/15/2014	12/15/2014	01/13/2020	
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: LOMR effective 1/13/2020						
Work to be Completed During Next Quarter: Project close-out. Design ILA close-out						

CONSTRUCTION			Contract Number		MOA01H15
Project Name: Muddy River Logandale Levee					
Date of Original ILA			01/08/2015	Construction ILA Amount	\$8,209,488
Date of Most Recent Supplement to ILA			02/13/2020		
Description: MRLL 0001, 0013, and 0038 – This project consists of the reconstruction of an existing levee beginning at Wells Siding and extending south along the east side of the Union Pacific Railroad alignment to just north of Waite Avenue alignment. CCPW #FMOA01F					
Contract Manager: Robert McNamara		Construction Mgr: CCPW		Contractor: Trade West Construction, Inc.	
Phone Number: 702-455-6616					
Interlocal Agreement Amount	Construction	Construction Mgmt	Environmental	Other	
	\$7,825,915	\$383,574	\$0	\$0	
Scheduled Completion Dates	Project Funded	Bids Open	Const Start	Const End	
	01/08/2015	10/21/2016	02/13/2017	02/20/2018	
Bid Amount	\$6,731,520				
Delay or Problem Areas/Resolution:					
Work Completed During Current Quarter:					
Work to be Completed During Next Quarter: Design ILA close-out					

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County Outlying			Date Prepared	03/03/2020	
Project Title: Fairgrounds Detention Basin				Review Period From	11/01/2019	
				Review Period To	01/31/2020	
Contract Numbers	Design	MOA03A11				
	Construction					
Total ILA Amount (Design and Construction All Phases)				\$1,011,500		

DESIGN			Contract Number			MOA03A11
Description: This project is a detention basin (and outfall to the Muddy River) that will provide protection to the Clark County Fairgrounds and the surrounding neighborhoods. CCPW Fairgrounds Detention Basin #FMOA01G ID 753						
Date of Original ILA			02/10/2011		Design ILA Amount	\$1,011,500
Date of Most Recent Supplement to ILA			06/13/2019			
Contract Manager: Mona Stammetti		Entity: Clark County Outlying		Consultant: WSP		
Phone Number: 702-455-6077						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$727,000	\$172,500	\$95,000	\$0	\$17,000
Percent Complete	0%	90%	90%	75%	0%	0%
Scheduled Completion		10/15/2019	10/15/2019	10/15/2019		10/15/2019
Delay or Problem Areas/Resolution: BLM tortoise & plan surveys						
Work Completed During Current Quarter: Grant obtained						
Work to be Completed During Next Quarter: Need to acquire ROW and permits						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Clark County Outlying			Date Prepared	03/03/2020	
Project Title: Searchlight West - State Highway 164				Review Period From	11/01/2019	
				Review Period To	01/31/2020	
Contract Numbers	Design	SEA02B19				
	Construction					
Total ILA Amount (Design and Construction All Phases)				\$500,000		

DESIGN			Contract Number		SEA02B19	
Description:						
Date of Original ILA			10/10/2019		Design ILA Amount \$500,000	
Date of Most Recent Supplement to ILA						
Contract Manager: Louise Steeps		Entity: Clark County Outlying		Consultant: CH2M Hill		
Phone Number: 702-455-6216						
	Predesign	Design	Environmental	Right-of-Way	LOMR	Other
ILA Amount	\$0	\$493,000	\$2,000	\$5,000	\$0	\$0
Percent Complete	0%	0%	0%	0%	0%	0%
Scheduled Completion		11/01/2020	11/01/2020	11/01/2020		
Delay or Problem Areas/Resolution:						
Work Completed During Current Quarter: Design						
Work to be Completed During Next Quarter: Design						

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Regional Flood Control District	Date Prepared	03/03/2020
Project Title: Master Plan Update-Outlying Areas-2018		Review Period From	11/01/2019
		Review Period To	01/31/2020
Total Contract Amount		\$350,000	

PSA		Contract Number		RFMPUOUTLYING2018
Description: UPDATE Master Plan for Outlying Areas of Clark County				
Date of Latest Contract		11/08/2018	Estimated Total Cost	
Percent Complete		95%	\$0	
RFCD Contract Manager: Phone Number:		Consultant: Contact: Phone:		
Agency:		LOMR Case #:		LOMR Type:
LOMR Funding Amount: \$0		Funding: \$350,000		
Scheduled Completion Dates				
Start Date				
Received 90-Day Letter				
Received Comment Letter				
Response to Comment Letter				
Response to Comments to FEMA				
Submittal to FEMA				
FEMA Approval				
Affected Communities:				
ID Miles:				
Delay or Problem Areas/Resolution: Consultant delayed in preparing final facility sizes and costs				
Work Completed During Current Quarter: Final comments on technical data returned to consultant. Consultant finalizing facility sizes and costs for approval by SNRPC and RFCD BOD.				
Work to be Completed During Next Quarter: Finalize report and submit to SNRPC, TAC, CAC, BOD, and Clark County for approval.				

REGIONAL FLOOD CONTROL DISTRICT

PROJECT STATUS REPORT

Entity	Regional Flood Control District	Date Prepared	02/10/2020
Project Title:	Hydrologic Criteria and Drainage Design Manual	Review Period From	11/01/2019
		Review Period To	01/31/2020
Total Contract Amount	\$600,000		

PSA	Contract Number		RFHCDDM
Description: Prepare an update to the Hydrologic Criteria and Drainage Design Manual			
Date of Latest Contract	08/08/2019	Estimated Total Cost	\$0
Percent Complete	20%		
RFCD Contract Manager:	Consultant:		
Phone Number:	Contact:		
	Phone:		
Agency:	LOMR Case #:	LOMR Type:	
LOMR Funding Amount: \$0	Funding: \$600,000		
Scheduled Completion Dates			
Start Date			
Received 90-Day Letter			
Received Comment Letter			
Response to Comment Letter			
Response to Comments to FEMA			
Submittal to FEMA			
FEMA Approval			
Affected Communities:			
ID Miles:			
Delay or Problem Areas/Resolution: Selected consultant and formed subject matter expert advisory group. Kicked off project and discussed schedule and first steps.			
Work Completed During Current Quarter: Solicited help from stakeholders and gathered comments on the current Manual. Reached out to several stakeholder groups and held a kick-off meeting to discuss project timeline			
Work to be Completed During Next Quarter: Consultant compiling comments received and categorizing them according to subject matter. Once completed, a scope will be developed to determine the best approach to addressing each of the comments.			

**REGIONAL FLOOD CONTROL DISTRICT
PROJECT STATUS REPORT**

ENTITY: REGIONAL FLOOD CONTROL DISTRICT

DATE PREPARED Feb. 5, 2020

REVIEW PERIOD FROM: Nov. 1, 2019 TO Jan. 31, 2020

PROJECT: 2019 Flood Safety Advertising Campaign

DESCRIPTION: Implement a flood safety awareness program to inform the public about the dangers of flash flooding.

PERCENT COMPLETE: 100%

ESTIMATED COST OF PROJECT: \$915,000 (consultant)

SCHEDULE FOR COMPLETION: The term of the consultant contract is a one-year period from February 2019.

CONSULTANT/PROJECT MANAGER: RP/Janine Marshall

DELAYS OR PROBLEM AREAS:

- There are no delays or problems at this time.

WORK COMPLETED DURING CURRENT PERIOD:

- Finished production of Stormwater PSA with deliverables of: 30-second and 60-second English ads and a 60-second Spanish ad.
- Finalized preparation for the second renewal of the Flash Flood Safety Advertising Contract. This involved planning the deliverables, schedule and budget for the 2020 Contract.
- Prepared a presentation on the new contract for the February Board cycle.
- Closed out all aspects of the 2019 Contract.

WORK TO BE COMPLETED NEXT PERIOD:

- Present 2020 Contract plan to CAC (Feb. 3)
- Present 2020 Contract plan to Board of Directors (Feb. 13)
- Begin biweekly meeting with RFCD staff to plan out media buys, new creative.
- Begin work on captioning of Virtual Reality experience

PROJECT MANAGER: Erin Neff

PHONE #: 685-0000

Project Status Report November 2019

Public Information Coordinator Jessi Acuña presented to 649 students in 16 classes at the following schools:

- Batterman ES, Las Vegas
- C.T. Sewell ES, Henderson
- Ed Von Toble MS, North Las Vegas
- Josh Stevens ES, Henderson
- Lowman ES, Las Vegas

As of November 30, the District's Facebook page had 1266 likes and the District's Twitter page had 2,766 followers. On YouTube our videos got 143,773 views and we had 374 new subscribers.

Public Information Manager Erin Neff presented the Virtual Reality experience at the Henderson City Employees Appreciation Night and at the Wild & Scenic Film Festival – Zappos for Good event. Neff also shared the VR Experience with floodplain agencies in northern Nevada for a presentation at the University of Nevada, Reno

Work began on The Flood Channel episode 115, with a daylong shoot in Laughlin.

Production wrapped on a new Stormwater Public Service Announcement. The "Bad Karma" commercial is a comedic way to remind viewers not to throw trash in storm drains. Robertson Partners produced the ad in 30-second and 60-second versions.

Staff was involved in the planning work for website upgrades.

There was one rain event on Nov. 20 that resulted in one media interview and live updates on social media.

Neff managed the mailing and distribution of the 2018-2019 Annual Report, adopted this month by the board.

Staff won the Public Service Pinnacle Award at the Public Relations Society of America Las Vegas chapter honors this month for the Virtual Reality experience. The project also won an Award of Excellence for New Digital Platform.

Project Status Report December 2019

Public Information Coordinator Jessi Acuña presented to 949 students in 31 classes at the following schools:

- Diskin ES, Clark County
- Legacy HS, North Las Vegas
- Goolsby ES, Las Vegas
- Cozine ES, North Las Vegas
- Fong ES, Las Vegas
- SBRJ Bailey ES, Clark County
- Cambeiro ES, Las Vegas

As of December 31, the District's Facebook page had 1272 likes and the District's Twitter page had 2,792 followers. On YouTube our videos got 138,186 views and we had 384 new subscribers.

Acuña produced an End of the Decade review infographic for social media which resulted in high engagement metrics, particularly on Instagram and Facebook.

The Flood Channel episode 115 finished production and began airing.

Public Information Manager Erin Neff worked with Applied Analysis to finalize the draft of the Flash Flood Safety Awareness survey. She also worked with Robertson Partners to prepare for the contract renewal and start conversations about the budget and planning for Flash Flood Season 2020.

Staff aired the 60-second Bad Karma Stormwater PSA on four local stations during the month for a cost of \$48,000 total. Robertson Partners delivered a 30-second Spanish version and staff began work to air on Spanish-language stations.

Staff took part in two days of planning meetings for the Website overhaul.

There were two minor rain events in December, one on the 4th leading to live updates on social media and one radio interview.

Project Status Report January 2020

Public Information Coordinator Jessi Acuña presented to 350 students in 13 classes at the following schools:

- Quannah McCall ES, North Las Vegas
- Northwest Career and Technical HS, Las Vegas
- Conners ES, Las Vegas

Acuña reached a total of students 4,050 for 2019 (Aug-Dec).

As of January 31, the District's Facebook page had 1269 likes and the District's Twitter page had 2,793 followers. On YouTube our videos got 121,157 views and we had 349 new subscribers. The VR video now has 1.3 million total views.

Staff prepped and conducted interviews and shoots for The Flood Channel episode 116, which will focus on environmental issues.

Public Information Manager Erin Neff demonstrated the Virtual Reality experience and consulted with Civil FX, a Las Vegas firm working on a distracted driving VR game for teens. She also demonstrated the VR for members of the National Association of Flood and Stormwater Management Agencies.

Neff gave a flood safety speech/ VR demo at REI to the Friends of Nevada Wilderness. She also worked with Cashman Middle School students on their Samsung Solve for Tomorrow contest entry. The school is the state winner and is preparing their prototype which seeks to solve problems related to homeless people living in flood control tunnels.

Neff participated in the first of two days of Supervisors Training.

Staff worked this month to finalize the budget, Survey of Residents and Flash Flood Safety Advertising Contract.

Staff also participated in a design review for the website overhaul.

There was no rain in January.

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT: ANNUAL MAINTENANCE WORK PROGRAM 2019-2020
PETITIONER: CITY OF HENDERSON
RECOMMENDATION OF PETITIONER: IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE MAINTENANCE OF REGIONAL FLOOD CONTROL FACILITIES FOR FY 2019-2020 (FOR POSSIBLE ACTION)

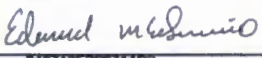
FISCAL IMPACT:	Current	Proposed	Fiscal Impact
	\$2,250,700	\$3,850,700	\$1,600,000

BACKGROUND:

On June 13, 2019 the Clark County Regional Flood Control District entered into an interlocal contract with the City of Henderson to maintain Regional Flood Control Facilities within the City of Henderson. This First Supplemental Interlocal Contract will provide additional funding for the City of Henderson’s FY 2019-2020 Annual Maintenance Work Program.

The additional funding is being requested to complete work on recently advertised projects and miscellaneous maintenance work activities for the remainder of the fiscal year that exceed the remaining FY20 maintenance work program budget. The first bid included the headwall and culvert repairs for the Sandwedge Channel at Windmill Road (PTSW0019) and the repair of the energy dissipator bottom slab for the Pittman Railroad West Channel (PTRW0000) at the confluence with the Pittman Wash (PTWA0105). The second bid included the erosion repair to the Northeast C-1 Detention Basin (C1HV0140) and the spillway concrete repair and improvements to limit public access for the East C-1 Detention Basin (C1DC0303). The repairs to the PTRW0000 and C1HV0140 were not identified in time to include in the budget for FY20 and the bid amounts for PTSW0019 and C1HV0140 exceeded the estimated budget amounts resulting in the need to request additional funding.

Respectfully submitted,

DocuSigned by:

0487134-B96714C2
Edward McGuire, P.E.
Director of Public Works

TAC AGENDA ITEM # 11b Date: 04/30/2020	RFGD AGENDA ITEM # 08 Date: 04/09/2020
CAC AGENDA ITEM # 11b Date: 04/30/2020	

AJ:mvp

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

**FISCAL YEAR 2019-2020 MAINTENANCE WORK PROGRAM – CITY OF HENDERSON
FIRST SUPPLEMENTAL INTERLOCAL CONTRACT**

The City of Henderson has submitted a request to approve a first supplemental interlocal contract for the FY 2019-20 Maintenance Work Program to increase funding in the amount of \$1,600,000.

On June 13, 2019, the Regional Flood Control District entered into an interlocal contract with the City of Henderson to maintain Regional Flood Control Facilities within the City of Henderson.

The additional funding is being requested to complete work on recently advertised projects and miscellaneous maintenance work activities for the remainder of the fiscal year. The first bid included the headwall and culvert repairs for the Sandwedge Channel at Windmill Road and the repair of the energy dissipator bottom slab for the Pittman Railroad West Channel at the confluence with the Pittman Wash. The second bid included the erosion repair to the Northeast C-1 Detention Basin and the spillway concrete repair and improvements to limit public access for the East C-1 Detention Basin. The repairs to PTRW0000 and C1HV0140 were not identified in time to include in the budget for FY 20 and the bid amounts for PTSW0019 and C1HV0140 exceeded the estimate budget amounts resulting the need to increase funding

District funding will be as follows:

	Current Funding	Increase/Decrease	Proposed Funding
FY 2019-20 MWP City of Henderson	\$2,250,700	\$1,600,000	\$3,850,700

The District Attorney has reviewed the contract.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
#11b Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#11b Date: 04/30/2020

Recommendation:

**FIRST SUPPLEMENTAL INTERLOCAL CONTRACT
ANNUAL MAINTENANCE WORK PROGRAM**

This FIRST SUPPLEMENTAL INTERLOCAL CONTRACT, made and entered into this ____ day of _____, 2020, by and between the CITY OF HENDERSON, a political subdivision of the State of Nevada, hereinafter referred to as "CITY", and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

W I T N E S S E T H:

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

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

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

WHEREAS, an Interlocal Contract was approved between the CITY and the DISTRICT on June 13, 2019 to provide maintenance funding; and

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

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

SECTION II - PROJECT COSTS, paragraph 1 shall be revised to read as follows:

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

1. The Project costs shall not exceed \$3,850,700.

The amounts allocated to each individual facility within the Project must be specified in Supplement 1 Amended Budget. Any changes to said allocated amounts must be approved by the

DISTRICT'S Chief Engineer in accordance with Section 4.24 of the DISTRICT *Operations and Maintenance Manual*.

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

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The remainder of the original Interlocal Contract dated June 13, 2019 shall remain unchanged.

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: _____
LAWRENCE L. BROWN III, Chair

DEANNA HUGHES, Secretary to the Board

Approved as to Form:

BY: _____
CHRISTOPHER FIGGINS
Chief Deputy District Attorney

Date of Council Action:

CITY OF HENDERSON

Richard A. Derrick, City Manager/CEO

ATTEST:

Approved as to Form:

Sabrina Mercadante, MMC, City Clerk

Nicholas G. Vaskov, City Attorney

Approved as to Funding:

Approved as to Content:

Jim McIntosh
Chief Financial Officer

Edward McGuire
Director of Public Works

**CITY OF HENDERSON
MAINTENANCE WORK PROGRAM
FY20 SUPPLEMENT 1 AMENDED BUDGET**

Master Plan Facility ID	MWP Facility Number	Facility Description	Cost
C1CH 0000-0452, C1CT 0000-0075, C1DC 0000-0303, C1E1 0000-0065, C1EQ 0000-0297, C1FK 0000-0073, C1H1 0000-0003, C1H2 0000-0001, C1HV 0000-0300, C1IT 0273, C1LM 0000-0130, C1RT 0001-0044, LLMW 0000, LLMW 0129, LLMW 0203	HN65	C1 NORTH	1,948,660.67
C1BH 0000-0214, C1CH 0455-0674, C1CH 0711, C1CH 0742-1138, C1GW 0000-0081, C1U1 0000-0062, C1US 0000-0078	HN66	C1 SOUTH	93,267.79
PTBR 0067-0175, PTGB 0058-0249, PTVW 0000-0187	HN67	PITTMAN CENTRAL NE	145,300.00
PTHR 0000-0210, PTIS 0000-0258, PTPD 0010-0063, PTRR 0000-0135, PTWH 0000-0116	HN68	PITTMAN CENTRAL SE	632,500.00
DCWA 0646-0670, PTDC 0026-0237, PTPE 0000-0166, PTRW 0000-0170, PTSW 0000-0129, PTWA 0000-0476, WWDC 0000-0109	HN69	PITTMAN CENTRAL NW	731,633.13
PTDW 0000-0088, PTFD 0000-0111, PTLM 0000-0078, PTMR 0000-0399, PTRE 0000-0267, PTST 0000-0170, PTVV 0000-0005	HN70	PITTMAN CENTRAL SW	80,151.13
PTAD 0000-0070, PTAN 0000-0280, PTAT 0000-0007, PTCR 0000-0036, PTDY 0000, PTEA 0493-0773, PTOG 0000-0016, PTPN 0000-0039, PTRD 0000-0055, PTSA 0000-0091, PTSE 0000-0346, PTSN 0000-0063, PTSS 0000-0012, PTWS 0000-0063	HN71	PITTMAN ANTHEM INSPIRADA	114,890.00
PTAP 0000-0191, PTEA 0000-0244, PTEA 0437-0439, PTGV 0000-0073, PTHD 0000-0020, PTPW 0000-0309, PTSH 0011-0084	HN72	PITTMAN SEVEN HILLS	81,797.28
DCLA 0035, DCN1 0000, PTBE 0140, PTN2 0000-0251, PTN3 0000, PTN5 0000, PTN6 0000, PTN7 0001, PTN8 0000-0039, PTN9 0000-0027, PTNO 0139-0195, PTSO 0104-0153, PTWA 0815-0983	HN73	PITTMAN WEST HENDERSON	22,500.00
		SUBTOTAL	\$3,850,700.00

EXHIBIT "A"

Albert J. Jankowiak
Project Manager

12/31/19
Date

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY20 SUPPLEMENT 1 AMENDED BUDGET**

MWP Facility#: HN65

Entity: CITY OF HENDERSON

Facility Name: C1 NORTH

Date Prepared: 3/4/2020

MP Facility ID:

C1CH 0000-0452, C1CT 0000-0075, C1DC 0000-0303, C1E1 0000-0085, C1EQ 0000-0297, C1FK 0000-0073, C1H1 0000-0003, C1H2 0000-0001, C1HV 0000-0300, C1IT 0273, C1LM 0000-0130, C1RT 0001-0044, LLMW 0000, LLMW 0129, LLMW 0203

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory	\$130,000.00	\$5,000.00	\$0.00	0%	
5	Inspect Channels	\$5,000.00	\$5,000.00	\$2,741.99	55%	
6	Inspect Levees/Detention and Debris Basins	\$5,000.00	\$5,000.00	\$4,032.27	81%	
8	Species Survey and Removal					
10		\$18,009.15	\$18,009.15	\$10,859.96	60%	
15	Repair Lined Channel	\$9,000.00	\$9,000.00	\$0.00	0%	
20	Erosion Control and Repair	\$35,420.17	\$35,420.17	\$35,420.17	100%	
21	Provide/Maintain Dust Control	\$2,332.42	\$2,332.42	\$2,332.42	100%	
25	Clean Detention/Debris Basins	\$5,000.00	\$100,000.00	\$0.00	0%	
35	Fence Repair	\$3,139.83	\$12,200.00	\$3,139.83	26%	
40	Vegetation Control - Chemical	\$258.32	\$258.32	\$258.32	100%	
45	Vegetation Control - Mechanical	\$10,000.00	\$10,000.00	\$6,598.09	66%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$1,000.00	\$1,000.00	\$0.00	0%	
60	Repair Inlet/Outlet Structures		\$1,500,600.50	\$100.50	0%	
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities	\$1,340.11	\$1,340.11	\$1,340.11	100%	
85	Engineering	\$118,000.00	\$243,500.00	\$147,231.53	60%	
90	Homeless Encampment Cleanup					
	TOTALS	\$343,500.00	\$1,948,660.67	\$214,055.19		Jun-2020

Delays or Problem Areas:

Black Mountain DB Sediment and Debris Removal delayed due to Nevada Division of Environmental Protection and Clark County Department of Air Quality Issue.

Work completed during prior fiscal year:

Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscany subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 3 - Consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 25, Act 60, Act 85 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303) and Northeast C1 Detention Basin (C1HV 0140); remove sediment and debris from detention basin and repair erosion on embankments. Other budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/

Contractor:

Project

Manager:

Albert J. Jankowski

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY20 SUPPLEMENT 1 AMENDED BUDGET**

MWP Facility#: HNB6

Entity: CITY OF HENDERSON

Facility Name: C1 SOUTH
C1BH 0000-0214, C1CH 0455-0674, C1CH 0711, C1CH 0742-1138, C1GW 0000-0081, C1U1 0000-0062, C1US 0000-0078

Date Prepared: 3/4/2020

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory	\$126,216.16	\$5,000.00	\$0.00	0%	
5	Inspect Channels	\$3,500.00	\$3,500.00	\$2,443.63	70%	
6	Inspect Levees/Detention and Debris Basins	\$5,000.00	\$5,000.00	\$2,477.23	50%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$15,500.00	\$10,500.00	\$264.92	3%	
15	Repair Lined Channel	\$14,000.00	\$10,000.00	\$0.00	0%	
20	Erosion Control and Repair	\$10,000.00	\$5,000.00	\$0.00	0%	
21	Provide/Maintain Dust Control	\$10,000.00	\$5,000.00	\$0.00	0%	
25	Clean Detention/Debris Basins	\$10,000.00	\$5,000.00	\$0.00	0%	
35	Fence Repair	\$13,500.00	\$13,500.00	\$2,627.62	19%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$25,000.00	\$17,651.31	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$500.00	\$500.00	\$0.00	0%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$1,000.00	\$500.00	\$0.00	0%	
80	Miscellaneous Work Activities	\$5,000.00	\$116.48	\$116.48	100%	
85	Engineering	\$8,500.00	\$10,000.00	\$9,331.66	93%	
90	Homeless Encampment Cleanup	\$6,500.00	\$2,000.00	\$1,175.92	59%	
TOTALS		\$254,216.16	\$93,267.79	\$18,437.46		Jun-2020

Delays or Problem Areas:

Work completed during prior fiscal year:
Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscaro subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 3 - Consultant to start the Asset Management Program for Regional Flood Control Facilities. Other budgeted funding to be expended on this facility for regular maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY20 SUPPLEMENT 1 AMENDED BUDGET**

MWP Facility#: HN57
 Facility Name: PITTMAN CENTRAL NE
 MP Facility ID: PTBR 0067-0175, PTGB 0058-0249, PTVW 0000-0187

Entity: CITY OF HENDERSON
 Date Prepared: 3/4/2020

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$1,800.00	\$1,800.00	\$698.32	39%	
6	Inspect Levees/Detention and Debris Basins	\$2,000.00	\$2,000.00	\$1,083.89	54%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$30,500.00	\$30,500.00	\$3,301.39	11%	
15	Repair Lined Channel	\$9,000.00	\$9,000.00	\$0.00	0%	
20	Erosion Control and Repair	\$1,000.00	\$1,000.00	\$0.00	0%	
21	Provide/Maintain Dust Control	\$2,000.00	\$2,000.00	\$763.96	38%	
25	Clean Detention/Debris Basins	\$50,000.00	\$50,000.00	\$5,826.10	12%	
35	Fence Repair	\$17,000.00	\$17,000.00	\$80.45	0%	
40	Vegetation Control - Chemical	\$221.41	\$221.41	\$221.41	100%	
45	Vegetation Control - Mechanical	\$18,207.35	\$18,207.35	\$2,856.16	16%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$1,127.67	\$1,127.67	\$1,127.67	100%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$1,000.00	\$1,000.00	\$0.00	0%	
80	Miscellaneous Work Activities					
85	Engineering	\$8,000.00	\$9,000.00	\$8,775.87	98%	
90	Homeless Encampment Cleanup	\$2,443.57	\$2,443.57	\$2,443.57	100%	
	TOTALS	\$144,300.00	\$145,300.00	\$27,178.79		Jun-2020

Delays or Problem Areas:

Work completed during prior fiscal year:

Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscaro subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures of this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

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

Consultant/
 Contractor:
 Project
 Manager:

Albert J. Jankowink

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY20 SUPPLEMENT 1 AMENDED BUDGET**

MWP Facility#: HN68
Facility Name: PITTMAN CENTRAL SE

Entity: CITY OF HENDERSON
Date Prepared: 3/4/2020

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

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$3,600.44	\$3,600.44	\$3,600.44	100%	
6	Inspect Levees/Detention and Debris Basins	\$1,000.00	\$1,000.00	\$193.90	19%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$20,500.00	\$20,500.00	\$1,707.68	8%	
15	Repair Lined Channel	\$459,000.00	\$459,000.00	\$0.00	0%	
20	Erosion Control and Repair	\$266.39	\$266.39	\$266.39	100%	
21	Provide/Maintain Dust Control	\$768.17	\$768.17	\$0.00	0%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$14,000.00	\$14,000.00	\$6,051.93	43%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$43,365.00	\$43,365.00	\$4,066.43	9%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$6,000.00	\$6,000.00	\$5,921.59	99%	
80	Miscellaneous Work Activities					
85	Engineering	\$77,500.00	\$77,500.00	\$50,325.82	65%	
90	Homeless Encampment Cleanup	\$6,500.00	\$6,500.00	\$1,898.21	29%	
TOTALS		\$632,500.00	\$632,500.00	\$74,032.39		Jun-2020

Delays or Problem Areas:

I-515 Channel repair delayed due to the need for additional engineering analysis prior to construction.

Work completed during prior fiscal year:

Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscarry subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 15, Act 85 - I-515 Channel (PTIS 0029-0166); re-establish the channel and repair the reno mattresses along the I-515 near Horizon and Horizon Ridge. Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
Contractor: _____
Project
Manager: Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY20 SUPPLEMENT 1 AMENDED BUDGET**

MWP Facility#: HIN69
 Facility Name: PITTMAN CENTRAL NW
 DCWA 0648-0670, PTDC 0026-0237, PTPE 0000-0166, PTRW 0000-0170, PTSW 0000-0129,
 MP Facility ID: PTWA 0000-0476, WWDC 0000-0109

Entity: CITY OF HENDERSON
 Date Prepared: 3/4/2020

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$1,200.00	\$1,200.00	\$596.69	50%	
6	Inspect Levees/Detention and Debris Basins	\$608.75	\$608.75	\$608.75	100%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$28,800.86	\$28,800.86	\$19,547.81	68%	
15	Repair Lined Channel	\$9,000.00	\$31,000.00	\$0.00	0%	
20	Erosion Control and Repair	\$3,160.50	\$3,160.50	\$3,160.50	100%	
21	Provide/Maintain Dust Control	\$1,948.90	\$1,948.90	\$1,948.90	100%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$16,580.24	\$16,580.24	\$7,757.26	47%	
40	Vegetation Control - Chemical	\$1,250.62	\$2,463.90	\$2,463.90	100%	
45	Vegetation Control - Mechanical	\$154,000.00	\$185,000.00	\$183,339.63	99%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures	\$250,000.00	\$369,000.00	\$0.00	0%	
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$1,254.29	\$1,254.29	\$1,254.29	100%	
80	Miscellaneous Work Activities	\$376.29	\$376.29	\$376.29	100%	
85	Engineering	\$57,500.00	\$88,500.00	\$50,559.71	57%	
90	Homeless Encampment Cleanup	\$103.39	\$1,739.40	\$1,739.40	100%	
TOTALS		\$525,783.84	\$731,633.13	\$273,353.13		Jun-2020

Delays or Problem Areas:

Work completed during prior fiscal year:

Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tusculum subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 15, Act 85 - Construction and repair of culvert headwall at Sandwedge Channel. Act 85 - Structural review and recommendations for repair of energy dissipator (PTWA 0078) and prepare plans for repair of unlined embankment at PTWA 0348. Act 60, Act 85: Pittman Wash UPRR Confluence (PTRW 0000); repair of outlet structure. Other budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/
 Contractor:
 Project
 Manager:

Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY20 SUPPLEMENT 1 AMENDED BUDGET**

MWP Facility#: HN70
 Facility Name: PITTMAN CENTRAL SW
 MP Facility ID: PTDW 0000-0088, PTFD 0000-0111, PTLM 0000-0078, PTMR 0000-0399, PTRE 0000-0267, PTST 0000-0170, PTVV 0000-0005

Entity: CITY OF HENDERSON
 Date Prepared: 3/4/2020

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$2,500.00	\$2,500.00	\$842.11	34%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$20,226.00	\$20,226.00	\$0.00	0%	
15	Repair Lined Channel	\$9,000.00	\$9,000.00	\$0.00	0%	
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins	\$2,500.00	\$2,500.00	\$0.00	0%	
35	Fence Repair	\$11,000.00	\$11,000.00	\$495.84	5%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$26,774.00	\$26,774.00	\$3,882.25	15%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$1,000.00	\$1,000.00	\$0.00	0%	
80	Miscellaneous Work Activities		\$151.13	\$151.13	100%	
85	Engineering	\$7,000.00	\$7,000.00	\$6,769.23	97%	
90	Homeless Encampment Cleanup					
TOTALS		\$80,000.00	\$80,151.13	\$12,140.56		Jun-2020

Delays or Problem Areas:

Work completed during prior fiscal year:

Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscany subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

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

Consultant/
 Contractor: _____
 Project
 Manager: Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY20 SUPPLEMENT 1 AMENDED BUDGET**

MWP Facility#: HN71
Facility Name: PITTMAN ANTHEM INSPIRADA

Entity: CITY OF HENDERSON
Date Prepared: 3/4/2020

PTAD 0000-0070, PTAN 0000-0280, PTAT 0000-0007, PTCR 0000-0036, PTDY 0000, PTEA 0483-0773, PTOG 0000-0018, PTPN 0000-0039, PTRD 0000-0055, PTSA 0000-0091, PTSE 0000-0348, PTSN 0000-0063, PTSS 0000-0012, PTWS 0000-0063

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$5,000.00	\$5,000.00	\$2,317.92	46%	
6	Inspect Levees/Detention and Debris Basins	\$5,000.00	\$5,000.00	\$2,532.69	51%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$19,971.66	\$19,971.66	\$734.34	4%	
15	Repair Lined Channel	\$9,000.00	\$9,000.00	\$0.00	0%	
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$5,000.00	\$5,000.00	\$0.00	0%	
25	Clean Detention/Debris Basins	\$15,000.00	\$15,000.00	\$0.00	0%	
35	Fence Repair	\$14,000.00	\$14,000.00	\$5,798.10	41%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$28,950.00	\$28,950.00	\$0.00	0%	
50	Maintain Access Road	\$500.00	\$500.00	\$0.00	0%	
55	Clean & Inspect Inlet/Outlet Structures	\$1,000.00	\$1,000.00	\$0.00	0%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines	\$500.00	\$500.00	\$0.00	0%	
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$1,500.00	\$1,500.00	\$0.00	0%	
80	Miscellaneous Work Activities	\$478.34	\$1,468.34	\$1,468.34	100%	
85	Engineering	\$7,000.00	\$8,000.00	\$7,171.51	90%	
90	Homeless Encampment Cleanup					
	TOTALS	\$112,900.00	\$114,890.00	\$20,022.90		Jun-2020

Delays or Problem Areas:

Work completed during prior fiscal year:

Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscaro subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

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

Consultant/
Contractor:
Project
Manager: Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY20 SUPPLEMENT 1 AMENDED BUDGET**

MWP Facility#: HN72
 Facility Name: PITTMAN SEVEN HILLS
 MP Facility ID: PTAP 0000-0191, PTEA 0000-0244, PTEA 0437-0439, PTGV 0000-0073, PTHD 0000-0020, PTPW 0000-0308, PTSH 0011-0084

Entity: CITY OF HENDERSON
 Date Prepared: 3/4/2020

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$2,500.00	\$2,500.00	\$1,665.49	67%	
6	Inspect Levees/Detention and Debris Basins	\$6,000.00	\$6,000.00	\$3,981.69	66%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$20,500.00	\$10,000.00	\$797.17	8%	
15	Repair Lined Channel	\$19,000.00	\$10,000.00	\$0.00	0%	
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$10,000.00	\$10,000.00	\$822.74	8%	
25	Clean Detention/Debris Basins	\$10,000.00	\$10,000.00	\$0.00	0%	
35	Fence Repair	\$14,000.00	\$14,000.00	\$703.14	5%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$22,855.20	\$10,000.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$2,015.73	\$2,015.73	\$2,015.73	100%	
60	Repair Inlet/Outlet Structures	\$129.07	\$129.07	\$129.07	100%	
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$1,000.00	\$1,000.00	\$0.00	0%	
80	Miscellaneous Work Activities					
85	Engineering	\$6,000.00	\$6,152.48	\$6,152.48	100%	
90	Homeless Encampment Cleanup					
TOTALS		\$114,000.00	\$81,797.28	\$16,267.51		Jun-2020

Delays or Problem Areas:

Work completed during prior fiscal year:

Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscany subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

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

Consultant/
 Contractor: _____
 Project
 Manager: Albert J. Jankowski

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT
MAINTENANCE WORK PROGRAM
FY20 SUPPLEMENT 1 AMENDED BUDGET**

MWP Facility#: HN73
Facility Name: PITTMAN WEST HENDERSON

Entity: CITY OF HENDERSON
Date Prepared: 3/4/2020

MP Facility ID: DCLA 0035, DCN1 0000, PTBE 0140, PTN2 0000-0251, PTN3 0000, PTN5 0000, PTN6 0000, PTN7 0001, PTN8 0000-0039, PTN9 0000-0027, PTNO 0139-0185, PTSO 0104-0153, PTWA 0815-0983

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$500.00	\$500.00	\$227.56	46%	
8	Inspect Levees/Detention and Debris Basins	\$5,000.00	\$2,500.00	\$0.00	0%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$5,000.00	\$2,500.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins	\$10,000.00	\$5,000.00	\$0.00	0%	
35	Fence Repair	\$1,000.00	\$1,000.00	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$16,000.00	\$5,000.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$1,000.00	\$1,000.00	\$0.00	0%	
80	Miscellaneous Work Activities					
85	Engineering	\$5,000.00	\$5,000.00	\$4,996.88	100%	
90	Homeless Encampment Cleanup					
TOTALS		\$43,500.00	\$22,500.00	\$5,224.44		Jun-2020

Delays or Problem Areas:

Work completed during prior fiscal year:

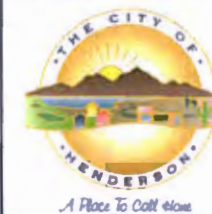
Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscarry subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

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

Consultant/
Contractor:
Project
Manager: Albert J. Jankowski

(702) 267-3024



City of Henderson

Clark County
Regional Flood
Control District
Maintenance Work Program
2019 / 2020



Legend

Regional Facilities

C-1 CHANNEL

Detention Basins

HN NUMBERS

HN65

HN66

HN67

HN68

HN69

HN70

HN71

HN72

HN73

Henderson Street
Center Lines

City Limits



This map is offered as a general reference
guide only. Neither warranty of accuracy is
intended nor should any be assumed.

AUTHOR	DATE
RLW	4/4/2019

Note: PTGB0047 - PTGB0054 are
maintained by Desert Canyon HOA

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT: FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – MAIN STREET TO MARYLAND PARKWAY
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 DESIGN TO REALLOCATE FUNDING AND EXTEND THE PROJECT COMPLETION DATE FOR FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – MAIN STREET TO MARYLAND PARKWAY – LAS29D17 (FOR POSSIBLE ACTION)

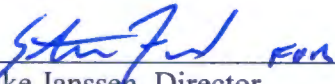
FISCAL IMPACT:

	Current Funding	Increase/Decrease	Proposed Funding
Right of Way	\$ 2,000	\$ 0	\$ 2,000
Engineering Design	\$1,525,674	(\$ 325,000)	\$1,200,674
Entity Design Labor Costs	\$	\$ 325,000	\$ 325,000
Environmental	\$ 2,000	\$ 0	\$ 2,000
Total ILC Value	\$1,529,674	\$ 0	\$1,529,674

BACKGROUND:

On August 10, 2017, the District approved an Interlocal Contract for design engineering, right-of-way and environmental mitigation associated with the Flamingo – Boulder Highway North, Charleston – Main Street to Maryland Parkway. On May 24, 2018, First Supplemental Interlocal Contract was approved to increase design funding. This Second Supplemental Interlocal Contract will reallocate funds and extend the project completion date from June 30, 2020 to June 30, 2023. Additional time is necessary to complete the project, funds are being reallocated to cover entity design labor costs.

Respectfully submitted,



 Mike Janssen, Director
 Department of Public Works

TAC AGENDA ITEM #11c Date: 04/30/20	RFCD AGENDA ITEM # 09a Date: 04/09/2020
CAC AGENDA ITEM # 11c Date: 04/30/20	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – MAIN STREET TO MARYLAND PARKWAY
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – LAS29D17

The City of Las Vegas has submitted a request to approve a second supplemental interlocal contract for design engineering, right-of-way and environmental to extend the project completion date from June 30, 2020 to June 30, 2023 and add a line item for entity design labor costs for the Flamingo – Boulder Highway North, Charleston – Main Street to Maryland Parkway project.

The extension of time is needed to complete the project. District funding will be as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$1,525,674	(\$325,000)	\$1,200,674
Right-of-Way	\$ 2,000	\$ 0	\$ 2,000
Environmental	\$ 2,000	\$ 0	\$ 2,000
Entity Design Labor Costs	\$ 0	\$325,000	\$ 325,000
Total ILC Value	\$1,529,674	\$ 0	\$1,529,674

The District Attorney has reviewed the contract.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
#11c Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#11c Date: 04/30/2020

Recommendation:

**SECOND SUPPLEMENTAL INTERLOCAL CONTRACT
FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON –
MAIN STREET TO MARYLAND PARKWAY**

THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of the ____ day of _____, 2020 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 2013 Master Plan Update as Facility Number FLBN 0281 and 0312, 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 0280, 0281 and 0312, 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 August 10, 2017 and First Supplemental Interlocal Contract dated May 24, 2018 were entered into between the DISTRICT and the CITY; and,

WHEREAS, the City desires to extend the project completion date and reallocate funding within the contract.

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. The engineering and design shall not exceed \$1,200,674.
2. Preparation of right-of-way drawings, descriptions, title reports of the right-of-way required, and appraisals at a cost not to exceed \$2,000.
3. Environmental Mitigation in an amount not to exceed \$2,000.
4. Entity Design Labor Costs in an amount not to exceed \$325,000.
5. The total cost of this Contract shall not exceed \$1,529,674 which includes all the items described in the paragraphs above.
6. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the Lead Entity is required.
7. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

SECTION III – GENERAL, paragraph 14 shall be revised to read as follows:

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

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

The remainder of the original Interlocal Contract dated August 10, 2017 and First Supplemental Interlocal Contract dated May 24, 2018 shall remain unchanged.

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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: _____
LAWRENCE L. BROWN, III,
Chair

Attest

Attest

By: _____
LuAnn Holmes, MMC
City Clerk

By: _____
Deanna Hughes
Secretary to the Board

Approved as to Form

Approved as to Form

By: _____ Date
Deputy City Attorney

By: _____ Date
Christopher Figgins
Chief Deputy District Attorney

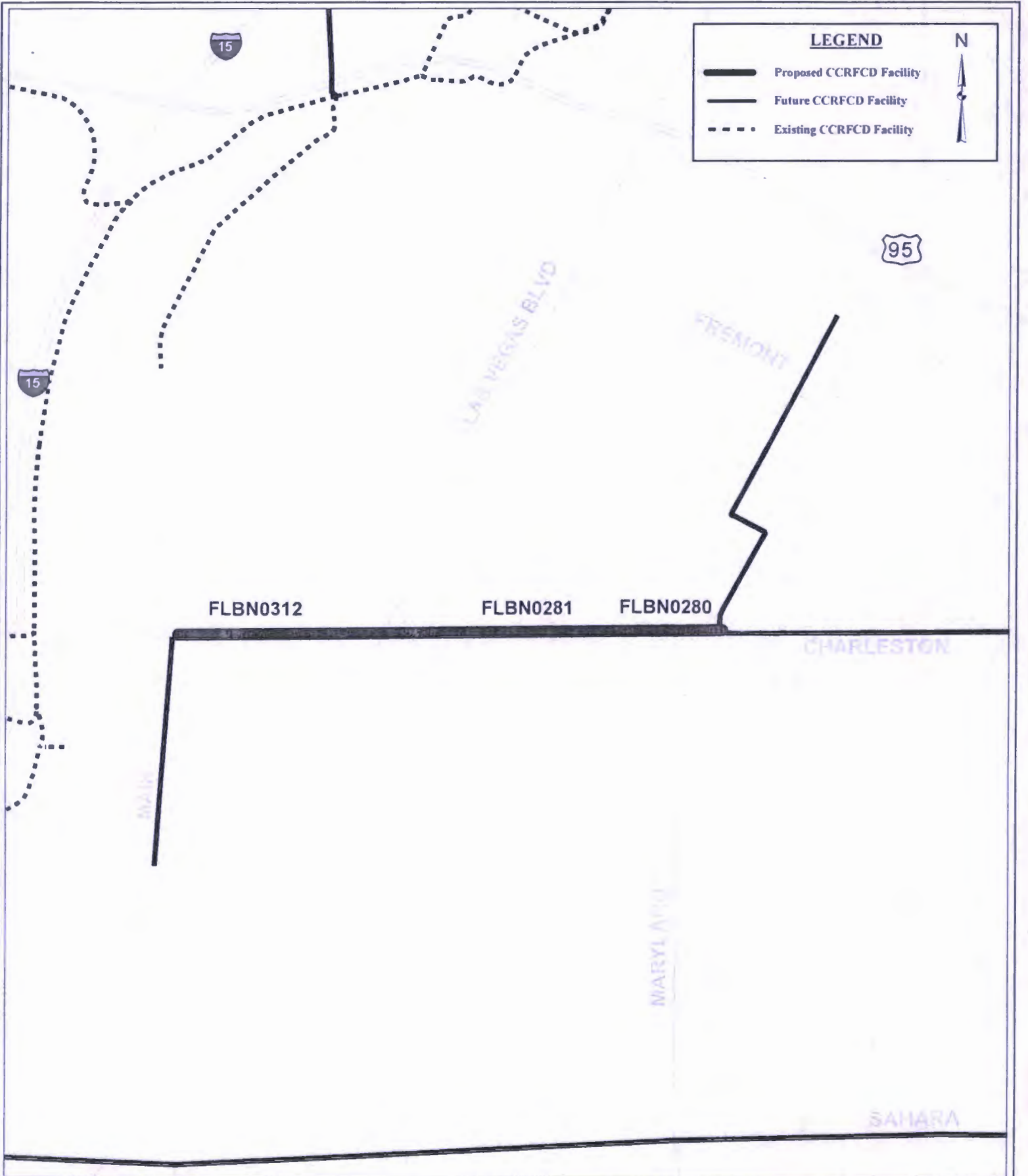


EXHIBIT A
FLAMINGO - BOULDER HWY NORTH, CHARLESTON -
MAIN STREET TO MARYLAND PARKWAY (LAS29D17)

SCALE: 1:16,000
DRAWING NAME:
 Flamingo_BoulderHwyNorth
 Charleston_MainSt-MarylandPky-WEST
DRAWN BY: C. JONES
DATE: 03/12/2020
SHEET NUMBER 1 OF 1

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

<p>SUBJECT: CENTENNIAL PARKWAY CHANNEL WEST – US95, CC215 TO GRAND TETON AND US95 CROSSING AT KYLE CANYON ROAD</p>
<p>PETITIONER: MIKE JANSSEN, DIRECTOR CITY OF LAS VEGAS PUBLIC WORKS</p>
<p>RECOMMENDATION OF PETITIONER: IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THE THIRD SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION TO REALLOCATE FUNDING AND EXTEND THE PROJECT COMPLETION DATE FOR THE CENTENNIAL PARKWAY CHANNEL WEST – US95, CC215 TO GRAND TETON AND US95 CROSSING AT KYLE CANYON ROAD – LAS23117 (FOR POSSIBLE ACTION)</p>

FISCAL IMPACT:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$23,825,221	\$ 0	\$23,825,221
Construction Engineering	\$ 2,600,000	(\$ 200,000)	\$ 2,400,000
Entity Construction Labor Costs	\$ 0	\$ 200,000	\$ 200,000
Total ILC Value	\$26,425,221	\$	\$26,425,221

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 revise funding and extend the project completion date. This Third Supplemental Interlocal Contract will reallocate funds and extend the project completion date from June 30, 2020 to June 30, 2022. Additional time is necessary to closeout the project and funds are being reallocated to cover entity construction labor costs.

Respectfully submitted,


 Mike Janssen, Director
 Department of Public Works

TAC AGENDA ITEM #11d Date: 04/30/2020	RFCD AGENDA ITEM #09b Date: 04/09/2020
CAC AGENDA ITEM # 11d Date: 04/30/2020	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

CENTENNIAL PARKWAY CHANNEL WEST – US95, CC215 TO GRAND TETON AND US95 CROSSING AT KYLE CANYON ROAD
THIRD SUPPLEMENTAL INTERLOCAL CONTRACT – LAS23117

The City of Las Vegas has submitted a request to approve a third supplemental interlocal contract for construction and construction management to extend the project completion date from June 30, 2020 to June 30, 2022 and add a line item for entity construction labor costs for the Centennial Parkway Channel West – US95, CC215 to Grand Teton and US95 Crossing at Kyle Canyon Road project.

The extension of time is needed to close out the project. District funding will be as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$23,825,221	\$ 0	\$23,825,221
Construction Engineering	\$ 2,600,000	(\$200,000)	\$ 2,400,000
Entity Construction Labor Costs	\$ 0	\$ 200,000	\$ 200,000
Total ILC Value	\$26,425,221	\$ 0	\$26,425,221

The District Attorney has reviewed the contract.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
#11d Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#11d Date: 04/30/2020

Recommendation:

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

THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of the ____ day of _____, 2020 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 2013 Master Plan Update as Facility Numbers, MOSM 0064 and CNWE 0325, CN95 0000, 0068, 0102 and 0167, 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 Numbers, MOLC 0149 and CN95 0000, 0068, 0102 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 and Second Supplemental Interlocal Contract dated January 11, 2018 were entered into between the DISTRICT and the CITY; and,

WHEREAS, the City desires to extend the project completion date and reallocate funding within the contract.

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 \$2,400,000.
2. Construction shall not exceed \$23,825,221.
3. Entity Construction Labor Costs shall not exceed \$200,000.
4. The total cost of this Contract shall not exceed \$26,425,221 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.

SECTION III – GENERAL, paragraph 16 shall be changed to read as follows:

16. The items covered in SECTION II – PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2022. The DISTRICT may, at any time thereafter, grant extensions to terminate this Contract after thirty (30) days notice.

The remainder of the original Interlocal Contract dated March 9, 2017, First Supplemental Interlocal Contract dated May 18, 2017 and Second Supplemental Interlocal Contract dated January 11, 2018 shall remain unchanged.

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IN WITNESS WHEREOF, the Parties have caused this Third 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: _____
LAWRENCE L. BROWN, III,
Chair

Attest

Attest

By: _____
LuAnn Holmes, MMC
City Clerk

By: _____
Deanna Hughes
Secretary to the Board

Approved as to Form

Approved as to Form

By: _____ Date
Deputy City Attorney

By: _____ Date
Christopher Figgins
Chief Deputy District Attorney

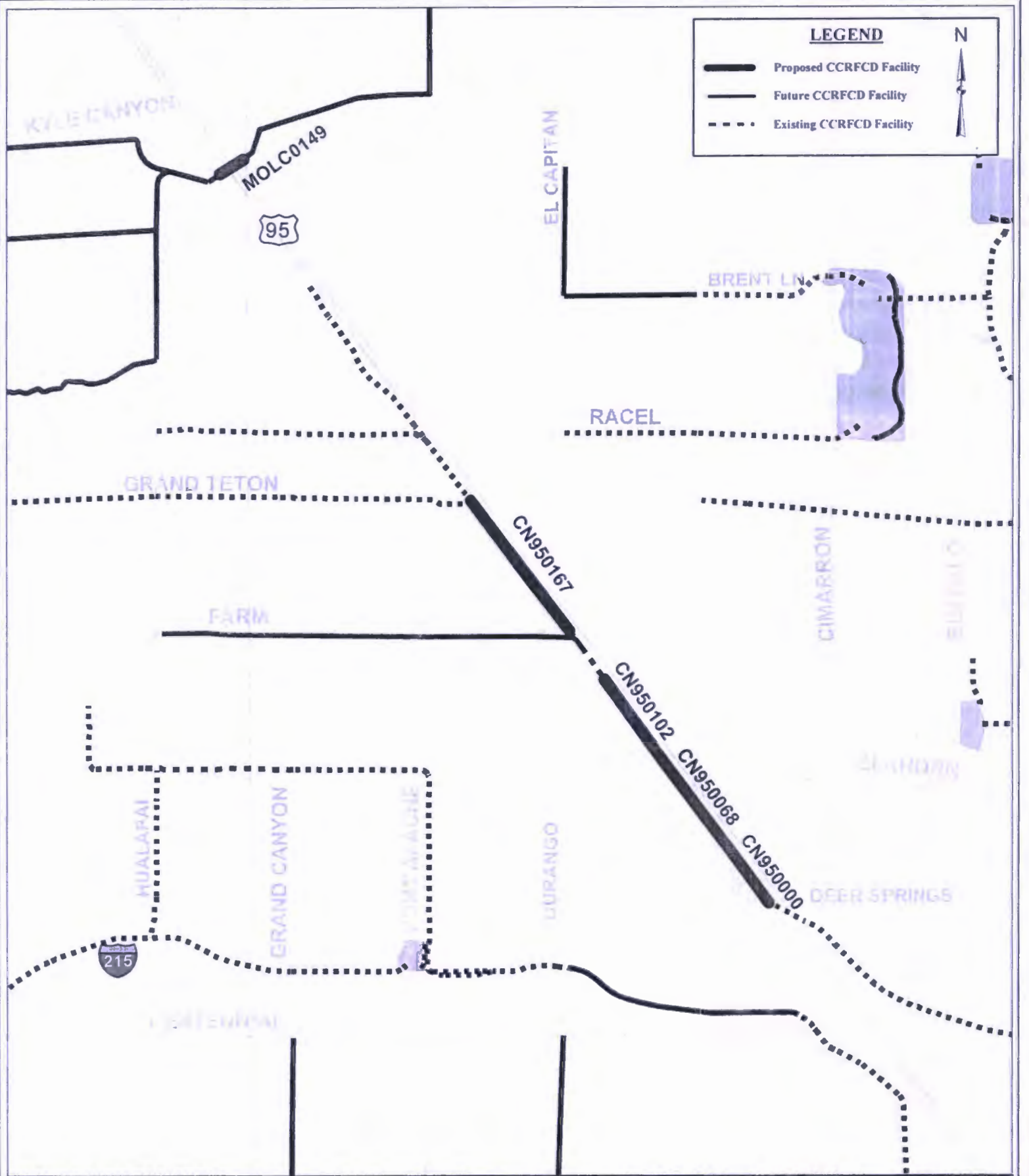


EXHIBIT A
CENTENNIAL PKWY CHANNEL WEST - US95,
CC215 TO GRAND TETON, AND US95
CROSSING AT KYLE CANYON ROAD (LAS23117)

SCALE: 1:30,000
DRAWING NAME:
 CentennialPkwyWest_95_215_GrandTeton.mxd
DRAWN BY: C. JONES
DATE: 03/12/2020
SHEET NUMBER 1 OF 1

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT: GOWAN NORTH – EL CAPITAN BRANCH, ANN ROAD TO CENTENNIAL PARKWAY
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 DESIGN TO REALLOCATE FUNDING AND EXTEND THE PROJECT COMPLETION DATE FOR THE GOWAN NORTH – EL CAPITAN BRANCH, ANN ROAD TO CENTENNIAL PARKWAY – LAS24L17 (FOR POSSIBLE ACTION)

FISCAL IMPACT:

	Current Funding	Increase/Decrease	Proposed Funding
Right of Way	\$ 2,000	\$ 0	\$ 2,000
Engineering Design	\$ 857,670	(\$ 100,000)	\$ 757,670
Entity Design Labor Costs	\$	\$ 100,000	\$ 100,000
Environmental	\$ 2,000	\$ 0	\$ 2,000
Total ILC Value	\$861,670	\$ 0	\$ 861,670

BACKGROUND:

On August 10, 2017, the District approved an interlocal contract for design engineering, right-of-way and environmental mitigation associated with the Gowan North – El Capitan Branch, Ann Road to Centennial Parkway project. On June 14, 2018, a First Supplemental Interlocal Contract increased design funding. This Second Supplemental Interlocal Contract will reallocate funds and extend the project completion date from June 30, 2020 to June 30, 2023. Additional time is necessary to complete the project, funds are being reallocated to cover entity design labor costs.

Respectfully submitted,



 Mike Janssen, Director
 Department of Public Works

TAC AGENDA ITEM # 11e Date: 04/30/20	RFCD AGENDA ITEM # 09c Date: 04/09/2020
CAC AGENDA ITEM # 11e Date: 04/30/20	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

**GOWAN NORTH – EL CAPITAN BRANCH, ANN ROAD TO CENTENNIAL PARKWAY
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – LAS24L17**

The City of Las Vegas has submitted a request to approve a second supplemental interlocal contract for design engineering, right-of-way and environmental to extend the project completion date from June 30, 2020 to June 30, 2023 and add a line item for entity design labor costs for the Gowan North – El Capitan Branch, Ann Road to Centennial Parkway project.

The extension of time is necessary to complete the project. District funding will be as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$857,670	(\$100,000)	\$757,670
Right-of-Way	\$ 2,000	\$ 0	\$ 2,000
Environmental	\$ 2,000	\$ 0	\$ 2,000
Entity Design Labor Costs	\$ 0	\$ 100,000	\$100,000
Total ILC Value	\$861,670	\$ 0	\$861,670

The District Attorney has reviewed the contract.

Staff Recommendation:

Approve.

Discussion by Technical Advisory Committee:

AGENDA
#11e Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#11e Date: 04/30/2020

Recommendation:

**SECOND SUPPLEMENTAL INTERLOCAL CONTRACT
GOWAN NORTH – EL CAPITAN BRANCH, ANN ROAD
TO CENTENNIAL PARKWAY**

THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of the ____ day of _____, 2020 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 Number GOEC 0100, 0126, 0152, and 0176, 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 August 10, 2017 and First Supplemental Interlocal contract dated June 14, 2018 were entered into between the DISTRICT and the CITY; and,

WHEREAS, the City desires to extend the project completion date and reallocate funding within the contract.

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. The engineering and design shall not exceed \$757,670.

2. Preparation of right-of-way drawings, descriptions, title reports of the right-of-way required, and appraisals at a cost not to exceed \$2,000.
3. Environmental Mitigation in an amount not to exceed \$2,000.
4. Entity Design Labor Costs in an amount not to exceed \$100,000.
5. The total cost of this Contract shall not exceed \$861,670 which includes all the items described in the paragraphs above.
6. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the Lead Entity is required.
7. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

SECTION III – GENERAL, paragraph 14 shall be revised to read as follows:

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

The remainder of the original Interlocal Contract dated August 10, 2017 and First Supplemental Interlocal Contract dated June 14, 2018 shall remain unchanged.

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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

City of Las Vegas

By: _____
Carolyn G. Goodman, Mayor

Attest

By: _____
LuAnn Holmes, MMC
City Clerk

Approved as to Form

By: _____ Date
Deputy City Attorney

Date of District Action

Regional Flood Control District

By: _____
LAWRENCE L. BROWN, III,
Chair




Attest


By: _____
Deanna Hughes
Secretary to the Board

Approved as to Form

By: _____ Date
Christopher Figgins
Chief Deputy District Attorney

LEGEND

-  Proposed CCRFCD Facility
-  Future CCRFCD Facility
-  Existing CCRFCD Facility

N


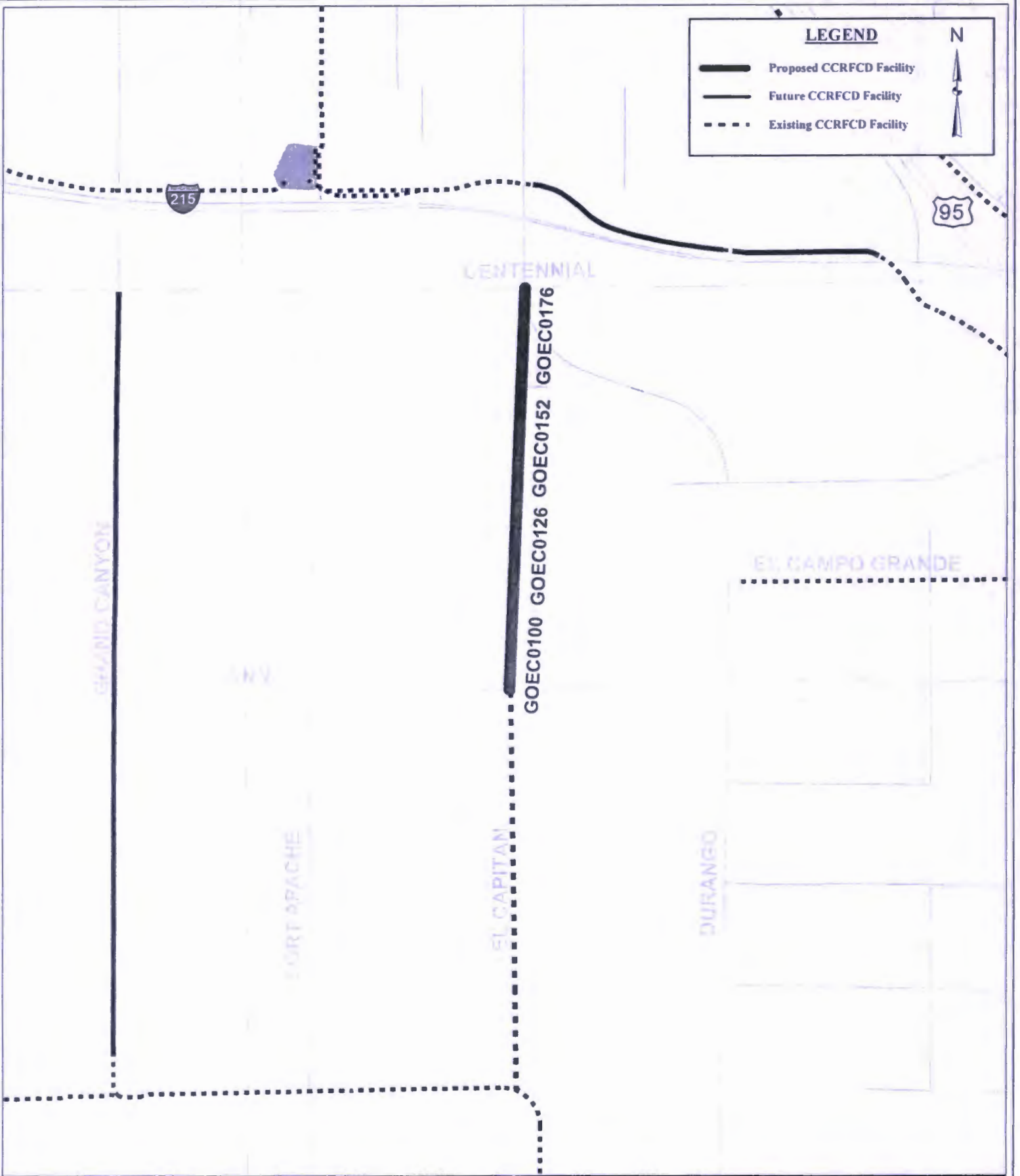


EXHIBIT A
GOWAN NORTH - EL CAPITAN BRANCH,
ANN ROAD TO CENTENNIAL PARKWAY
(LAS24L17)

SCALE: 1:20,000
DRAWING NAME:
 GowanOutfall_ElCapitanBranch_
 AnnRoad-CentennialPky.mxd
DRAWN BY: C. JONES
DATE: 03/12/2020
SHEET NUMBER 1 OF 1



CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT
AGENDA ITEM

SUBJECT: FLAMINGO – BOULDER HWY. NORTH, CHARLESTON – BOULDER HWY TO MARYLAND PARKWAY AND MARYLAND PARKWAY SYSTEM
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 THIRD SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE DESIGN TO INCREASE FUNDING FOR THE FLAMINGO – BOULDER HWY. NORTH, CHARLESTON – BOULDER HWY TO MARYLAND PARKWAY AND MARYLAND PARKWAY SYSTEM – LAS29C16 (FOR POSSIBLE ACTION)

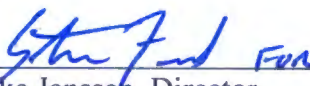
FISCAL IMPACT:

	Current Funding	Increase/Decrease	Proposed Funding
Right of Way	\$ 5,000	\$ 0	\$ 5,000
Engineering Design	\$2,478,829	\$ 340,000	\$2,818,829
Entity Design Labor Costs	\$ 0	\$ 60,000	\$ 60,000
Environmental	\$ 5,000	\$ 0	\$ 5,000
Total ILC Value	\$2,488,829	\$ 400,000	\$2,888,829

BACKGROUND:

On September 8, 2016 the District entered into an interlocal contract with the City to provide funding for the engineering design, right-of-way and environmental mitigation for the Flamingo – Boulder Hwy. North, Charleston – Boulder Hwy to Maryland Parkway and Maryland Parkway System. On February 8, 2018, a First Supplemental Interlocal Contract was approved to increase funding. On May 23, 2019, a Second Supplemental Interlocal Contract was approved to extend the project completion date. This Third Supplemental Interlocal Contract will increase project funding. Additional funding is needed to cover design costs and add a line item for entity design labor costs.

Respectfully submitted,



 Mike Janssen, Director
 Department of Public Works

TAC AGENDA ITEM # 11f Date: 04/30/20	RFCD AGENDA ITEM #10 Date: 04/09/2020
CAC AGENDA ITEM #11f Date: 04/30/20	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

FLAMINGO – BOULDER HWY. NORTH, CHARLESTON – BOULDER HWY TO MARYLAND PARKWAY AND MARYLAND PARKWAY SYSTEM
THIRD SUPPLEMENTAL INTERLOCAL CONTRACT – LAS29C16

The City of Las Vegas has submitted a request to approve a third supplemental interlocal contract for design engineering, right-of-way and environmental to increase funding in the amount of \$400,000 and add a line item for entity design engineering labor costs for the Flamingo – Boulder Hwy. North, Charleston – Boulder Hwy to Maryland Parkway and Maryland Parkway System project.

The increase in funding is to cover eligible in-house labor costs and project design costs. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$2,478,829	\$340,000	\$2,818,829
Right-of-Way	\$ 5,000	\$ 0	\$ 5,000
Environmental	\$ 5,000	\$ 0	\$ 5,000
Entity Design Labor Costs	\$ 0	\$ 60,000	\$ 60,000
Total ILC Value	\$2,488,829	\$400,000	\$2,888,829

The District Attorney has reviewed the contract.

Staff Recommendation:

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

Discussion by Technical Advisory Committee:

AGENDA
#11f Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#11f Date: 04/30/2020

Recommendation:

**THIRD SUPPLEMENTAL INTERLOCAL CONTRACT
FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – BOULDER
HIGHWAY TO MARYLAND PARKWAY AND MARYLAND PARKWAY
SYSTEM**

THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of the ____ day of _____, 2020 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 2013 Master Plan Update as Facility Number FLBN 0167, 0180 and 0205 and FLMP 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 FLBN 0170, 0180, 0205 and 0275 and FLMP 0000, 0013, 0042 and 0068, 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 September 8, 2016, First Supplemental Interlocal Contract date February 8, 2018 and Second Supplemental Interlocal Contract dated May 23, 2019 were entered into between the DISTRICT and the CITY; and,

WHEREAS, the City desires to increase 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 – PROJECT COSTS shall be revised to read as follows:

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

1. Engineering Design at a cost not exceed \$2,818,829.
2. Entity Design Labor Costs at a cost not to exceed \$60,000.
3. Right of Way at a cost not to exceed \$5,000.
4. Environmental at a cost not to exceed \$5,000.
5. The total cost of the contract shall not exceed \$2,888,829 which includes all of the items described in the paragraphs above.
6. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the Lead Entity is required.
7. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

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The remainder of the original Interlocal Contract dated September 8, 2016, First Supplemental Interlocal Contract dated February 8, 2018 and Second Supplemental Interlocal Contract dated May 23, 2019 shall remain unchanged.

IN WITNESS WHEREOF, the Parties have caused this Third 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: _____
LAWRENCE L. BROWN, III,
Chair

Attest

Attest

By: _____
LuAnn Holmes, MMC
City Clerk

By: _____
Deanna Hughes
Secretary to the Board




Approved as to Form


Approved as to Form

By: _____
Deputy City Attorney Date

By: _____
Christopher Figgins Date
Chief Deputy District Attorney

LEGEND

-  Proposed CCRFCD Facility
-  Future CCRFCD Facility
-  Existing CCRFCD Facility

N


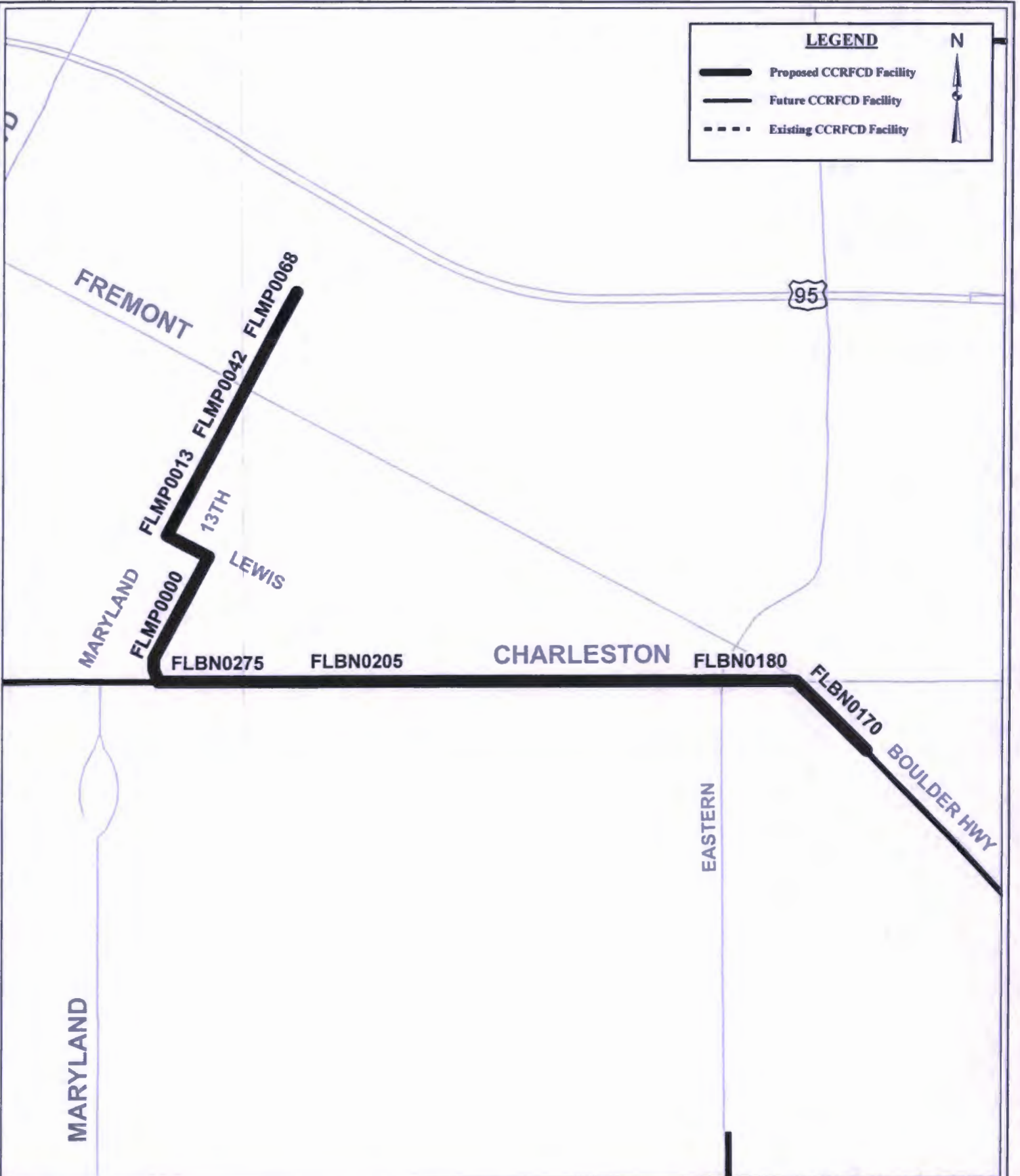


EXHIBIT A
FLAMINGO - BOULDER HWY NORTH, CHARLESTON -
BOULDER HWY TO MARYLAND PARKWAY SYSTEM
(LAS29C16)

SCALE: 1:13,000
DRAWING NAME:
 Flamingo_BoulderHwyNorth
 Charleston_MainSt-MarylandPky-EAST
DRAWN BY: C. JONES
DATE: 03/12/2020
SHEET NUMBER 1 OF 1

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

DUCK CREEK HAVEN STREET STORM DRAIN

PETITIONER:

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT ACCEPT THE PROJECT PRESENTATION ON THE PROPOSED DUCK CREEK HAVEN STREET STORM DRAIN CLA38D20 (FOR POSSIBLE ACTION)

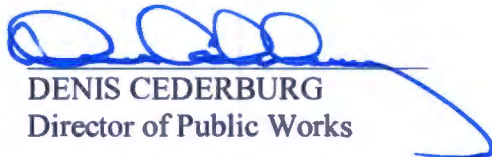
FISCAL IMPACT: None by this action.

BACKGROUND:

The subject project is described in the 2018 Master Plan Update as Facility Numbers DCHV 0026, 0050, and 0057. The project proposes construction of the Duck Creek Haven Street Storm Drain. This project includes 8' x 5' reinforced concrete box, 10' x 5' reinforced concrete box, 12' x 5' reinforced concrete box, transitions, and various storm drain pipe sizes ranging from 24" to 60".

Representatives from the design consultant, Atkins, and Clark County staff will be available to respond to any questions following the brief presentation.

Respectfully submitted,


DENIS CEDERBURG
Director of Public Works

TAC AGENDA ITEM #11g Date: 04/30/20	RFCD AGENDA ITEM # 11a Date: 04.09.2020
CAC AGENDA ITEM #11g Date: 04/30/20	

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

**DUCK CREEK HAVEN STREET STORM DRAIN
PROJECT PRESENTATION – CLA38D20**

The Duck Creek Haven Street Storm Drain described in the 2018 Master Plan Update as Facility Numbers DCHV 0026, 0050, and 0057. The project proposes construction of the Duck Creek Haven Street Storm Drain. This project includes 8' x 5' reinforced concrete box, 10' x 5' reinforced concrete box, 12' x 5' reinforced concrete box, transitions, and various storm drainpipe sizes ranging from 24" to 60".

Representatives from the design consultant, Atkins, and Clark County staff will be available to respond to any questions following the brief presentation.

Staff Recommendation:

Accept the project presentation.

Discussion by Technical Advisory Committee:

AGENDA
#11g Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#11g Date: 04/30/2020

Recommendation:



Department of Public Works

500 S Grand Central Pky • Box 554000 • Las Vegas NV 89155-4000
(702) 455-6000 • Fax (702) 455-6040

Denis Cederburg, P.E., Director • E-Mail: dlc@ClarkCountyNV.gov



March 17, 2020

Mr. Steven C. Parrish, P.E.
General Manager/Chief Engineer
Clark County Regional Flood Control District
600 South Grand Central Parkway, Suite 300
Las Vegas Nevada 89106

DUCK CREEK HAVEN STREET STORM DRAIN

Dear Mr. Parrish:

The design plans and specifications prepared by Atkins North America, Inc. for the above referenced project, indicated on "Exhibit A", are now 90% complete. The County is pleased to present this project to the Technical Advisory Committee, Citizens Advisory Committee, and the District's Board for approval.

The following project information is being submitted to comply with NRS 543.580;

Project History and Description: The project includes construction of the Duck Creek Haven Street Storm Drain located east of I-15 on Haven St. The storm drain starts at Cactus Ave and extends approximately 300 feet north of Pyle Ave. This facility will tie into the Duck Creek Wash.

- **Project Cost:** A detailed cost estimate for construction is attached as Exhibit "B". Project costs are estimated to be:

Design Engineering	\$	354,000.00
Construction	\$	4,694,417.00
Construction Management	\$	380,000.00
Entity Construction Labor Costs	\$	42,000.00
TOTAL	\$	5,470,417.00

- **Outside Funding Sources:** CCRFCD is the sole funding agency for this project since the project entails construction of a segment of flood control conveyance facility that is part of the Master Plan Update (MPU).
- **Projected Construction Schedule:** If funding were made available today, listed below are the estimated dates for construction of the project:

Award of Bid	August 2020
Construction Start Date	December 2020
Construction Duration	4 months

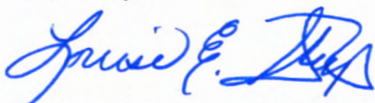
- **Cash Flow Projection:** Attached is a cash flow projection for construction, Exhibit "C".
- **Right-of-Way:** The necessary rights-of-way have been obtained.
- **Economic Benefit:** This project proposes to construct a portion of the CCRFCD MPU network. In September of 2005, CCRFCD received the document titled "Benefit to Cost Analysis of Capital Programs" prepared by Hobbs, Ong & Associates, Inc., Restrepo Consulting Group/Applied Market Analysis, Post, Buckley, Schuh & Jernigan, Inc. and Public Financial Management, Inc.

The report concludes, "the quantifiable public benefits associated with flood control projects, when compared to costs, show that flood control projects have provided a return of \$2.21 for each dollar expended. When those benefits that are not readily quantifiable are taken into consideration, the contribution that these facilities provide to the welfare of Clark County's residents and the vitality of the local economy increases beyond the calculated ratio. It is expected that the benefit to cost ratio of the District construction program will remain at a level that approximates 2 to 1 through buildout of the Master Plan and over the useful life of the facilities."

- **Environmental Requirements:** Clark County has met all the necessary environmental requirements for this project. A Chapter 8 Resource Screening Analysis was previously submitted and approved by CCRFCD.
- **Project Enhancements:** None.

If you have any questions, or require additional information, please contact me at (702) 455-6216 or louise.steeps@clarkcountynv.gov.

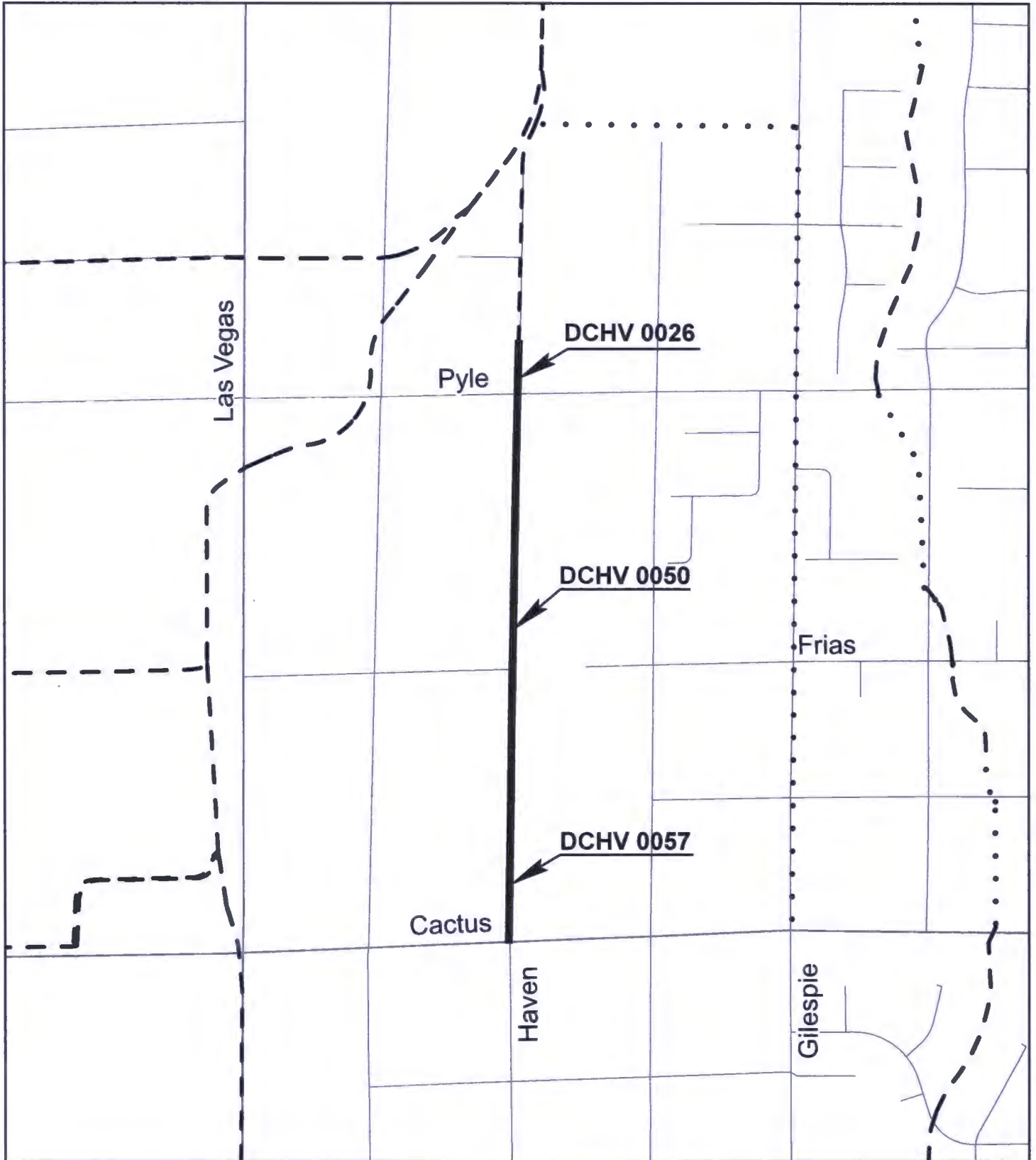
Sincerely,



Louise E. Steeps, P.E.
Principal Civil Engineer

LES:ajb

Enclosures: Project Map – Exhibit "A"
Detailed Cost Estimate – Exhibit "B"
Cash Flow Projection – Exhibit "C"



- Legend**
- Proposed
 - Existing
 - Future

Exhibit A



Project Number: CLA38D20

Duck Creek Haven Street Storm Drain

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 03-16-2020

SHEET NUMBER: 1 OF 1

Project Name: DUCK CREEK HAVEN STREET STORM DRAIN

Project Number:

EXHIBIT B

Bid Number: XXXXX-XX

Opening Date: XXXXXX XX, XXXX

L Number:

Design Division Work Order Number: (enter in Bid Tab cell)

				CCPW Estimate - CCRFCD Funding	
Item No.	Description	Quantity	Unit	Unit Price	Amount
105.01	QUALITY CONTROL ADMINISTRATIVE INCENTIVE	1	LS	\$40,000.00	\$40,000.00
107.01	TRAFFIC CONTROL	134	DAY	\$810.00	\$108,540.00
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$100,000.00	\$100,000.00
109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	10	DAY	\$1,300.00	\$13,000.00
109.03	ADDITIONAL AMOUNT OVER \$1300/DAY AS DETERMINED BY BIDDER	10	DAY	\$250.00	\$2,500.00
200.01	MOBILIZATION	1	LS	\$240,000.00	\$240,000.00
201.01	CLEARING AND GRUBBING	1	LS	\$5,000.00	\$5,000.00
202.01	REMOVE AND RESET EXISTING SIGN AND POST	8	EA	\$250.00	\$2,000.00
202.02	REMOVE 8-FOOT X 5-FOOT PRECAST REINFORCED CONCRETE BOX PLUG	1	EA	\$1,000.00	\$1,000.00
203.01	ROADWAY EXCAVATION	694	CY	\$15.00	\$10,410.00
302.01	TYPE II AGGREGATE BASE	711	CY	\$50.00	\$35,566.67
402.01	PLANTMIX BITUMINOUS SURFACE	1048	TONS	\$131.00	\$137,235.80
502.01	8-FOOT X 5-FOOT PRECAST REINFORCED CONCRETE BOX	1218	LF	\$1,000.00	\$1,218,000.00
502.02	10-FOOT X 5-FOOT PRECAST REINFORCED CONCRETE BOX	1575	LF	\$1,200.00	\$1,890,000.00
502.03	10-FOOT X 5-FOOT RCB TO 8-FOOT X 5-FOOT RCB TRANSITION STRUCTURE	1	EA	\$24,000.00	\$24,000.00
502.04	8-FOOT X 5-FOOT RCB TO 12-FOOT X 3-FOOT RCB TRANSITION STRUCTURE	1	EA	\$20,000.00	\$20,000.00
502.05	12-FOOT X 3-FOOT PRECAST REINFORCED CONCRETE BOX	37	LF	\$1,800.00	\$59,200.00
502.06	12-FOOT X 3-FOOT RCB TO 8-FOOT X 5-FOOT RCB TRANSITION STRUCTURE	1	EA	\$20,000.00	\$20,000.00
502.07	10-FOOT X 5-FOOT PRECAST REINFORCED CONCRETE BOX PLUG	1	EA	\$6,000.00	\$6,000.00
603.01	24-INCH REINFORCED CONCRETE PIPE (CLASS III)	85	LF	\$250.00	\$21,250.00
603.02	48-INCH REINFORCED CONCRETE PIPE (CLASS III)	50	LF	\$500.00	\$25,000.00
603.03	60-INCH REINFORCED CONCRETE PIPE (CLASS III)	80	LF	\$750.00	\$80,000.00
603.04	36-INCH C900 PVC PIPE	150	LF	\$350.00	\$52,500.00
603.05	68-INCH X 43-INCH HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE (CLASS III)	65	LF	\$400.00	\$26,000.00
603.06	24-INCH PRECAST RCP PLUG	9	EA	\$1,800.00	\$14,400.00
603.07	48-INCH PRECAST RCP PLUG	1	EA	\$2,000.00	\$2,000.00
603.08	60-INCH PRECAST RCP PLUG	1	EA	\$2,400.00	\$2,400.00
603.09	36-INCH PVC PLUG	1	EA	\$1,500.00	\$1,500.00
603.10	68-INCH X 43-INCH PRECAST HERCP PLUG	1	EA	\$2,000.00	\$2,000.00
609.01	48-INCH ACCESS MANHOLE	8	EA	\$4,000.00	\$32,000.00
609.02	STORM DRAIN MANHOLE (TYPE II)	1	EA	\$15,000.00	\$15,000.00
609.03	STORM DRAIN MANHOLE (TYPE III)	1	EA	\$7,500.00	\$7,500.00
626.01	FINAL CLEANUP	1	LS	\$3,500.00	\$3,500.00
628.01	POLYUREA PAVEMENT MARKINGS (6-INCH SOLID WHITE)	2900	LF	\$1.50	\$4,350.00
628.02	POLYUREA PAVEMENT MARKINGS (4-INCH SOLID YELLOW)	5800	LF	\$1.00	\$5,800.00
637.01	DUST CONTROL	120	DAY	\$500.00	\$80,000.00
ACTUAL TOTAL OF ITEMS					\$4,267,652
10% CONTINGENCY					\$426,765
Total					\$4,694,417

Clark County Regional Flood Control District Cash Flow Projection

Today's Date: 2/26/2020

Project Number: CLA38D20

DUCK CREEK HAVEN STREET STORM DRAIN

Project Name:

Project Type: Storm Drain

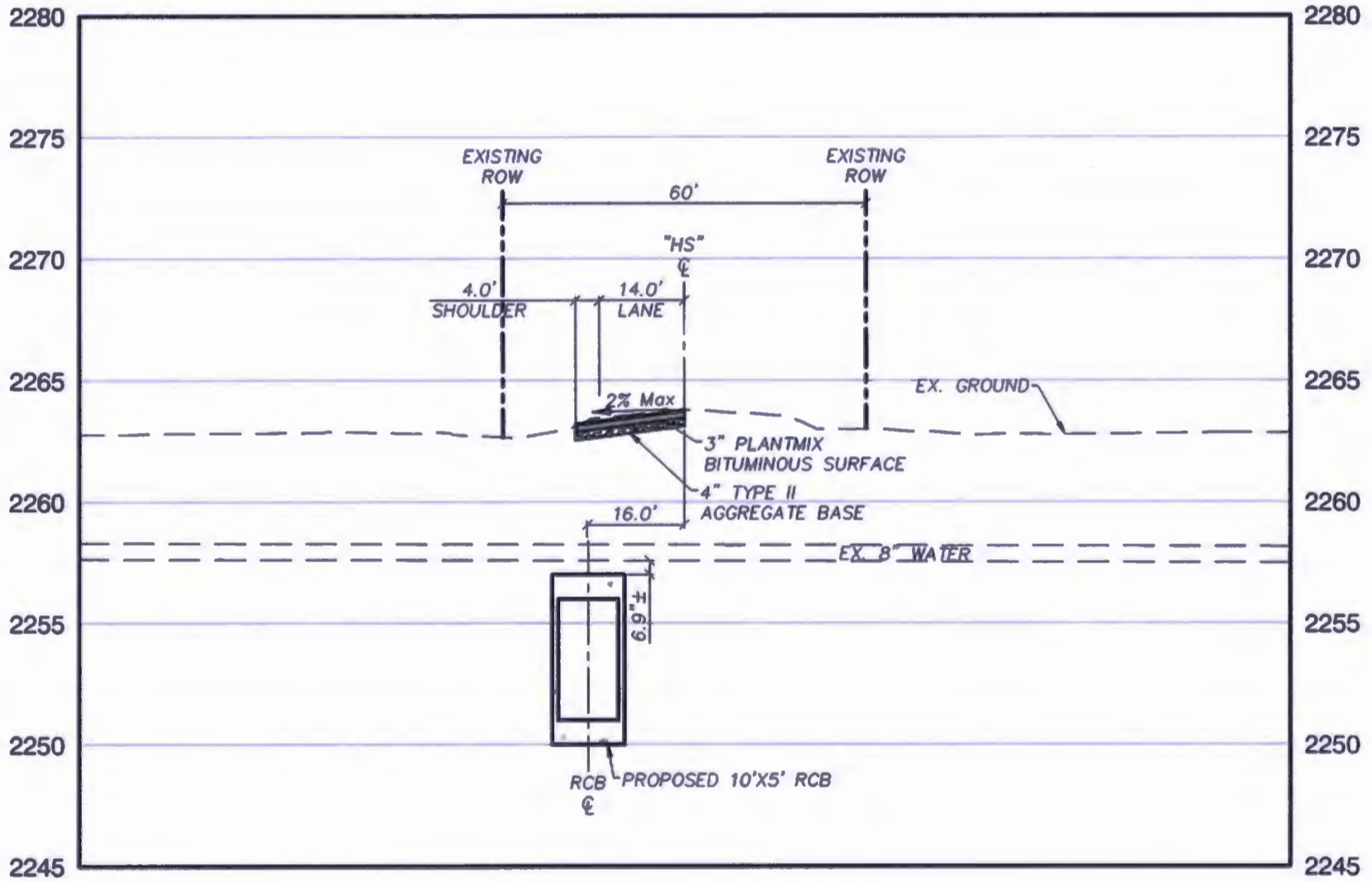
ILC Amount: \$ 5,116,417.00

Construction Schedule

Milestone	Estimate	Revised	Actual
Award of Bid	August-20		
CONS Start	December-20		
CONS Complete	March-21		
Project Duration	4 months		

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate	
	\$	%	\$	%	\$	%	\$	%
Jun-20	0							
Jul-20	0							
Aug-20	0							
Sep-20	0							
Oct-20	0							
Nov-20	0							
Dec-20	511,642	10%						
Jan-21	1,790,746	35%						
Feb-21	1,790,746	35%						
Mar-21	1,023,283	20%						
Apr-21	0							
May-21	0							
Jun-21	0							
Jul-21	0							
Aug-21	0							
Sep-21	0							
Oct-21	0							
Nov-21	0							
Dec-21	0							
Total	\$ 5,116,417	100%					\$ -	0%

CONSTRUCTION DETAILS – DUCK CREEK HAVEN STREET STORM DRAIN

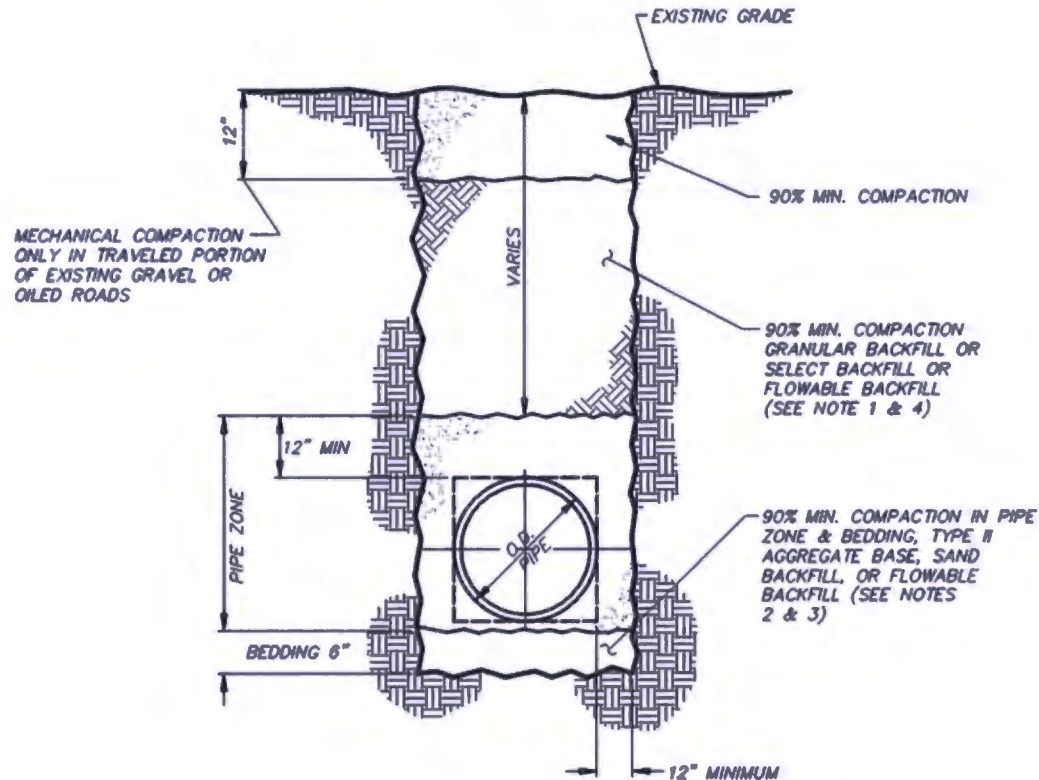


HAVEN STREET - 10'X5' RCB

"HS" STA 26+27



CONSTRUCTION DETAILS – DUCK CREEK HAVEN STREET STORM DRAIN

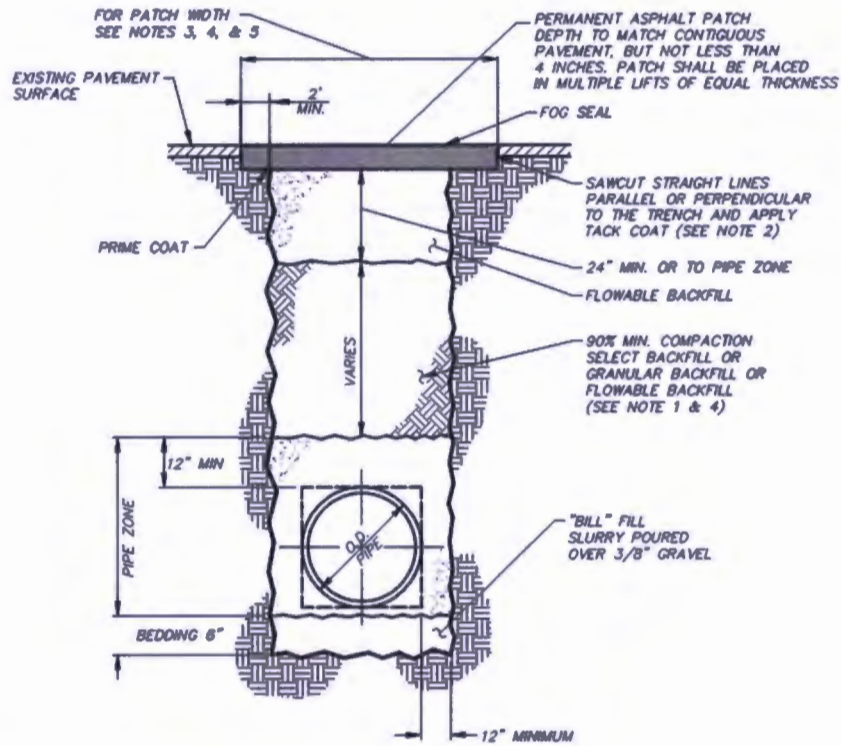


RCP OR RCB TYPICAL BACKFILL UNPAVED AREAS

NOTES:

1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
2. TRENCH WIDTH, BEDDING, AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE AGENCY REQUIREMENTS. CRUSHED ROCK SHALL NOT BE USED IN PIPE ZONE UNLESS SPECIFICALLY PRE-APPROVED BY THE GOVERNING AGENCY.
3. BEDDING IS NOT REQUIRED FOR CAST-IN-PLACE BOX IF CAST DIRECTLY ON UNDISTURBED MEDIUM DENSE TO DENSE NATIVE SOILS OR CEMENTED SOILS; BEDDING FOR PRE-CAST BOX SHALL BE 95% MINIMUM COMPACTION.
4. WHERE C-905 PVC STORM DRAIN IS INSTALLED CLSM SHALL BE USED.

CONSTRUCTION DETAILS – DUCK CREEK HAVEN STREET STORM DRAIN

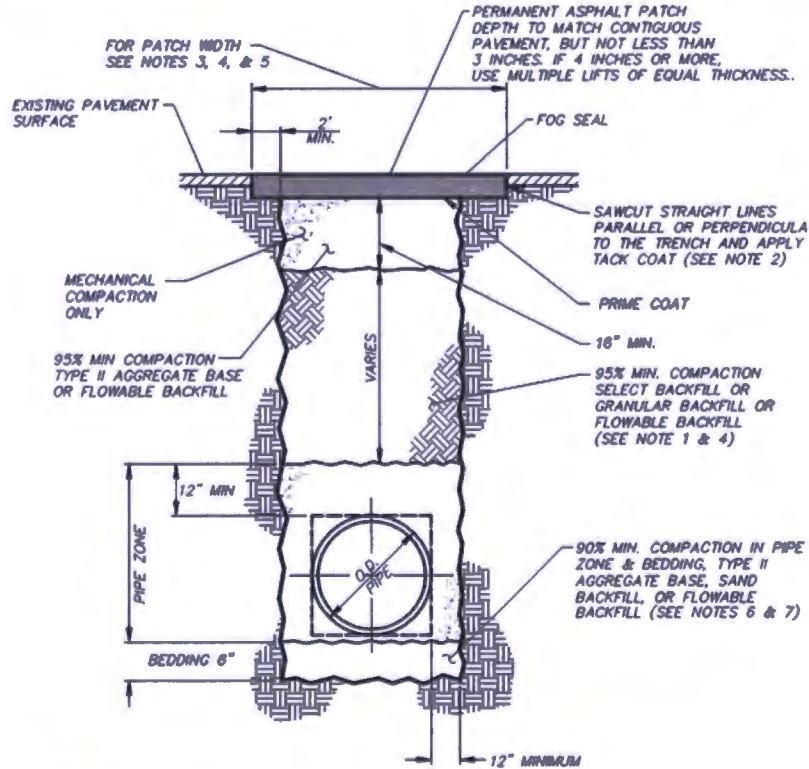


PAVED AREAS (STREETS GREATER THAN 60' R/W)

NOTES:

1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
2. IF SAWCUT IS WITHIN THREE FEET OF EDGE OF EXISTING ASPHALT CONCRETE SURFACE OR OTHER PATCH, REMOVE EXISTING PAVEMENT TO THAT EDGE AND REPLACE ENTIRE SECTION.
3. TRANSVERSE PATCHES SHALL BE WIDTH (4 FEET MINIMUM) SUFFICIENT TO ACCOMMODATE MECHANICAL PLACEMENT, ROLLING AND COMPACTION PER UNIFORM STANDARD SECTION 401.03.11
4. LONGITUDINAL PATCHES SHALL BE ONE TRAVEL LANE IN WIDTH; SAWCUTS ARE TO BE MADE AT THE EDGE OF THE TRAVEL LANE.
5. FOR CONDUIT TRENCHES 6 INCHES WIDE OR LESS WITHIN 2 FEET OF THE CURB, PATCHES SHALL EXTEND A MINIMUM OF 4 FEET FROM LIP OF GUTTER AND PAVEMENT SHALL BE REMOVED TO CURB AND GUTTER WIDTH SHALL BE SUFFICIENT TO ACCOMMODATE MECHANICAL PLACEMENT, ROLLING AND COMPACTION PER UNIFORM STANDARD SPECIFICATION SECTION 401.03.11. SAWCUT SHALL NOT BE PLACED IN THE WHEEL PATH AREA.
6. TRENCH WIDTH, BEDDING, AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE AGENCY REQUIREMENTS. CRUSHED ROCK SHALL NOT BE USED IN PIPE ZONE UNLESS SPECIALLY PRE-APPROVED BY THE GOVERNING AGENCY.
7. BEDDING IS NOT REQUIRED FOR CAST-IN-PLACE BOX IF CAST DIRECTLY ON UNDISTURBED MEDIUM DENSE TO DENSE NATIVE SOILS OR CEMENTED SOILS; BEDDING FOR PRE-CAST BOX SHALL BE 95% MINIMUM COMPACTION.
8. WHERE C-900 PVC STORM DRAIN IS INSTALLED CLSM SHALL BE USED.

CONSTRUCTION DETAILS – DUCK CREEK HAVEN STREET STORM DRAIN



PAVED AREAS (STREETS WITH 60' OR LESS R/W)

NOTES:

1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
2. IF SAWCUT IS WITHIN THREE FEET OF EDGE OF EXISTING ASPHALT CONCRETE SURFACE OR OTHER PATCH, REMOVE EXISTING PAVEMENT TO THAT EDGE AND REPLACE ENTIRE SECTION.
3. TRANSVERSE PATCHES SHALL BE WIDTH (4 FEET MINIMUM) SUFFICIENT TO ACCOMMODATE MECHANICAL PLACEMENT, ROLLING AND COMPACTION PER UNIFORM STANDARD SECTION 401.03.11
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6. TRENCH WIDTH, BEDDING, AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE AGENCY REQUIREMENTS. CRUSHED ROCK SHALL NOT BE USED IN PIPE ZONE UNLESS SPECIALLY PRE-APPROVED BY THE GOVERNING AGENCY.
7. LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.
8. WHERE C-900 PVC STORM DRAIN IS INSTALLED CLSM SHALL BE USED.

**CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT**

AGENDA ITEM

SUBJECT:

DUCK CREEK HAVEN STREET STORM DRAIN

PETITIONER:

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

RECOMMENDATION OF PETITIONER:

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR CONSTRUCTION FOR DUCK CREEK HAVEN STREET STORM DRAIN CLA38D20 (FOR POSSIBLE ACTION)

FISCAL IMPACT:

Construction Management	\$	380,000
Construction	\$	4,694,417
Entity Construction Labor Costs	\$	42,000
Total ILC Value	\$	5,116,417

BACKGROUND:

The Duck Creek Haven Street is described in the 2018 Master Plan Update as Facility Number DCHV 0026, 0050, and 0057. It is further identified in the Regional Flood Control District's Ten-Year Construction Program with construction to begin in FY 2019-2020. The proposed improvements include 8' x 5' reinforced concrete box, 10' x 5' reinforced concrete box, 12' x 5' reinforced concrete box, transitions, and various storm drain pipe sizes ranging from 24" to 60".

This project is included in Year 1 of the Ten-Year Construction Program.

Respectfully submitted,

TAC AGENDA ITEM # 11h Date: 04/30/20	RFCD AGENDA ITEM #11b Date: 04.09.2020
CAC AGENDA ITEM # 11h Date: 04/30/20	


DENIS CEDERBURG
Director of Public Works

Regional Flood Control District
AGENDA ITEM DEVELOPMENT

Staff Discussion:

Date: 04/20/2020

**DUCK CREEK HAVEN STREET STORM DRAIN
INTERLOCAL CONTRACT – CLA38D20**

The Duck Creek Haven Street is described in the 2018 Master Plan Update as Facility Number DCHV 0026, 0050, and 0057. It is further identified in the Regional Flood Control District's Ten-Year Construction Program with construction to begin in FY 2019-2020. The proposed improvements include 8' x 5' reinforced concrete box, 10' x 5' reinforced concrete box, 12' x 5' reinforced concrete box, transitions, and various storm drainpipe sizes ranging from 24" to 60".

With the total project construction cost of \$4.3 million, approximately 51 jobs will be created or sustained with this project. District funding will be provided as follows:

Construction	\$4,694,417
Construction Management	\$ 380,000
Entity Construction Labor Costs	\$ 42,000
Total ILC Value	\$5,116,417

This project is included in Year 1 of the Ten-Year Construction Program. The District Attorney has reviewed the contract.

Staff Recommendation:

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

Discussion by Technical Advisory Committee:

AGENDA
#11h Date: 04/30/2020

Recommendation:

Discussion by Citizens Advisory Committee:

AGENDA
#11h Date: 04/30/2020

Recommendation:

**INTERLOCAL CONTRACT FOR
DUCK CREEK HAVEN STREET STORM DRAIN**

THIS INTERLOCAL CONTRACT, made and entered into this ____ day of _____, 2020, by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the County of Clark, hereinafter referred to as "COUNTY".

WITNESSETH

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

WHEREAS, the flood control improvements proposed herein are generally described in the 2018 Clark County Flood Control Master Plan Update, Structures Nos DCHV 0026, 0050, and 0057 hereinafter referred to as "PROJECT"; and

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

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

WHEREAS, it is desirable to proceed with the construction of the PROJECT; and

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

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

SECTION I - SCOPE OF PROJECT

This Interlocal Contract applies to construction and construction engineering of improvements associated with the Duck Creek Haven Street Storm Drain. The basic improvements shall consist of flood water facilities including 8' x 5' reinforced concrete box, 10' x 5' reinforced concrete box, 12' x 5' reinforced concrete box, transitions, and various storm drain pipe sizes ranging from 24" to 60". The improvements shall be funded through DISTRICT funds as herein described. The Project is further identified and shown on the attached Exhibit "A."

SECTION II - PROJECT COSTS

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

1. Construction Management in an amount not to exceed \$ 380,000.00.

2. Construction in the amount not to exceed \$4,694,417.00.
3. Entity Construction Labor Costs in the amount not to exceed \$42,000.00.
4. The total cost of this Interlocal Contract shall not exceed \$5,116,417.00, which includes all the items described in the paragraphs above.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the Project. No other approval by the Lead Entity is required.
6. A written request must be made to the DISTRICT and a supplemental interlocal contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

SECTION III - GENERAL

1. The Clark County Regional Flood Control District shall be shown on the title sheet of both the plans and the specifications as the funding agency.
2. The COUNTY will use its best efforts to award the bid for this project by August 1, 2020. Prior to submission of the first payment request, the Entity will submit to the District a construction schedule and cash flow projection. The COUNTY will take all reasonable steps possible to avoid delays in the construction of DISTRICT funded projects. Project delays more than four months, as measured from the award date, may be subject to a formal review by both the Technical Advisory Committee and the Board. At the review, the COUNTY will have an opportunity to present information relative to the delays, measures taken to avoid the delays and the likelihood of those delays continuing. The Board will make a determination, in view of the delays and limited available funding, whether project funding should continue. In the case that the Board chooses to discontinue funding, the Board may cancel any Interlocal Contract(s) associated with the project and discontinue funding for the remainder of the project. Funding already spent or appropriated by the COUNTY will not be required to be refunded to the DISTRICT. Project funding can be reconsidered at any time when the COUNTY can demonstrate that the project can proceed on an acceptable schedule.
3. The COUNTY will comply with the Local Purchasing Act, Chapter 332, and Public Works Projects, Chapter 338 of the Nevada Revised Statutes.
4. The COUNTY, its employees, and representatives shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed on the PROJECT.

5. The COUNTY will require appropriate financial security for the construction of the PROJECT.
6. The COUNTY shall provide all impacted entities and the DISTRICT with the opportunity to provide the COUNTY with input relative to the following processes: scope of services development; consultant selection; design; construction and maintenance review; and monitoring of the effectiveness and impacts of facilities on flood flows.
7. Applicable portions of the current editions of the Policies and Procedures, the Hydrologic Criteria and Drainage Design Manual, and Uniform Regulations for Control of Drainage adopted by the DISTRICT will apply in developing this PROJECT unless specifically superseded by this CONTRACT.
8. Purchases of right-of-way in excess of that actually needed for construction will not be allowed unless a comparison between the cost of excess acquisition and needed acquisition, including damages, indicates that benefits from such a transaction would result. Title to residual property will be vested in the name of the COUNTY. Revenues derived from the sale of these properties, less the cost of the sale of these properties, will be forwarded to the DISTRICT.
9. Administrative settlements and acceptance of counter offers involving right-of-way may only be made following a review and approval by the DISTRICT.
10. The DISTRICT will pay the COUNTY, or make payment directly to its contractor or its consultant, each month for Project costs as outlined in SECTION II - PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
 - a. Pre-design 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
 - j. Entity Construction Management Labor Costs
 - k. Landscape Construction
 - l. Other
11. Accurate documentation of all work done and payments made will be maintained by the COUNTY for a period of three (3) years in hard copy form after final Project approval and payment. Following the three (3) year period, the COUNTY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format.

12. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects both during and after Project completion.

13. Up to the limits set forth in NRS Chapter 41, the COUNTY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of COUNTY officers, employees or agents, related to or under this Contract which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.

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

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

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

By: _____
MARILYN KIRKPATRICK
Chair

Attest:

LYNN MARIE GOYA
County Clerk

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

By: _____
LAWRENCE L. BROWN, III, Chair

Attest:

DEANNA HUGHES
Secretary to the Board

Approved as to Form:

CHRISTOPHER FIGGINS
Chief Deputy District Attorney

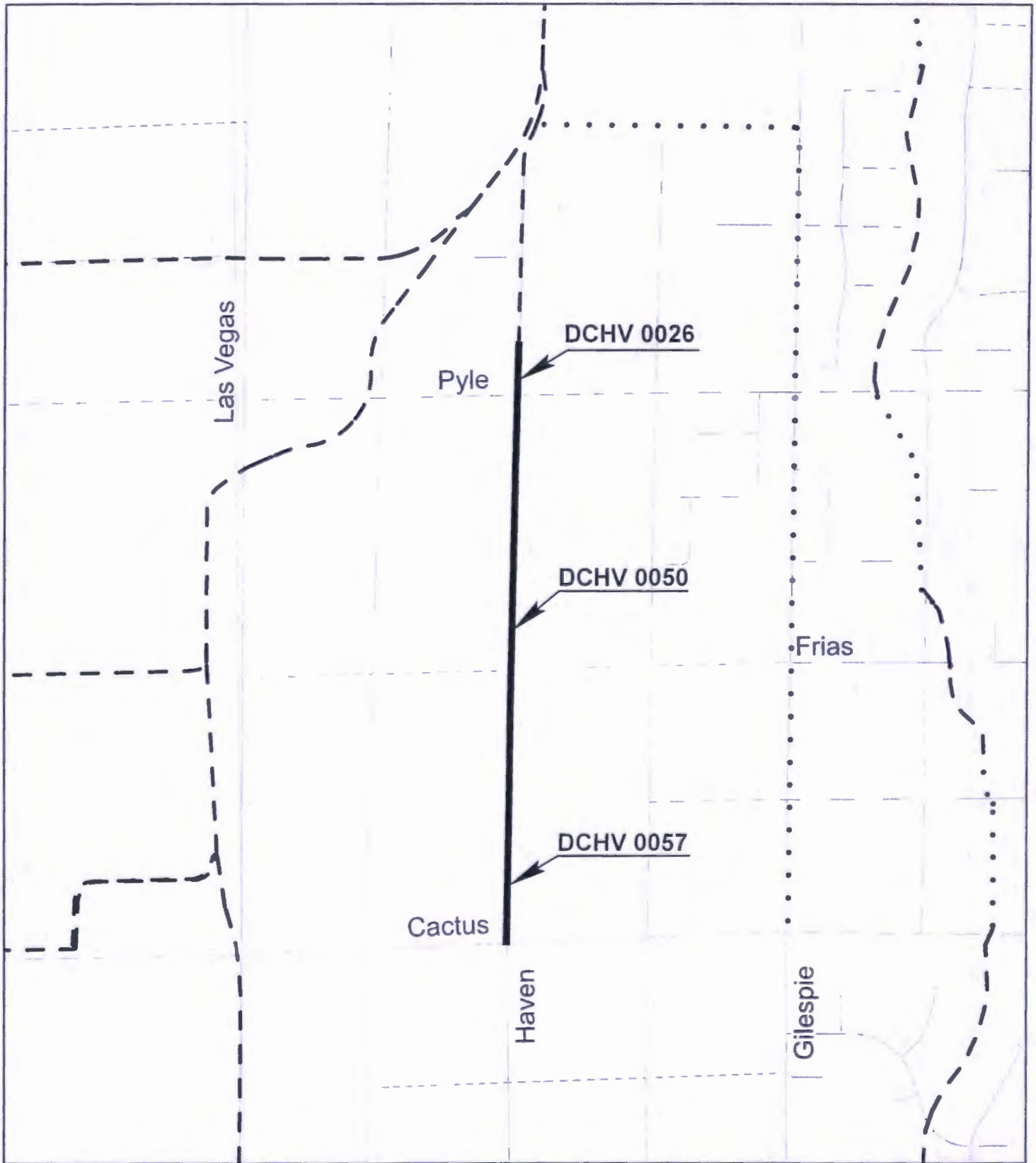


Exhibit A

- Legend**
- Proposed
 - Existing
 - Future



Project Number: CLA38D20

Duck Creek Haven Street Storm Drain

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 03-16-2020

SHEET NUMBER: 1 OF 1

- completion date and add a line item for entity design labor costs – City of Las Vegas
- d. Third Supplemental Interlocal Contract: Centennial Parkway Channel West – US95, CC215 to Grand Teton and US95 Crossing at Kyle Canyon Road – extend the project completion date and add a line item for entity construction labor costs – City of Las Vegas
 - e. Second Supplemental Interlocal Contract: Gowan North – El Capitan Branch, Ann Road to Centennial Parkway – extend the project completion date and add a line item for entity design labor costs – City of Las Vegas
 - f. Third Supplemental Interlocal Contract: Flamingo – Boulder Highway North, Charleston – Boulder Hwy to Maryland Parkway and Maryland Parkway System – increase funding and add a line item for entity design labor costs – City of Las Vegas
 - g. Project Presentation: Duck Creek Haven Street Storm Drain – Clark County
 - h. Original Interlocal Contract: Duck Creek Haven Street Storm Drain – Clark County

12. **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. On March 31, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 010, which extends the suspension of requirements contained in NRS 241.023(1)(b) through April 30, 2020.

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.

NOTE: The next scheduled Citizens Advisory Committee meeting is on Monday, June 1, 2020 at 3:00 p.m.

12. **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. On March 31, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 010, which extends the suspension of requirements contained in NRS 241.023(1)(b) through April 30, 2020.

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.