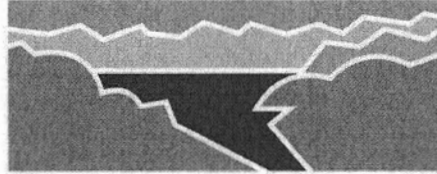


# REGIONAL FLOOD CONTROL DISTRICT



## NOTICE OF PUBLIC MEETING

### CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT TECHNICAL ADVISORY COMMITTEE

APRIL 25, 2019  
9:00 A.M.

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

**\*\*FOR ADDITIONAL INFORMATION CONTACT:**

SHERRY ALLEN, BOARD SECRETARY  
600 SOUTH GRAND CENTRAL PARKWAY, SUITE 300  
LAS VEGAS, NEVADA 89106  
(702) 685-0000

TT/TDD: Relay Nevada toll free (800) 326-6868

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

Clark County Regional Flood Control District 600 South Grand Central Parkway Las Vegas, Nevada 89106	Clark County Regional Flood Control District Worldwide Website <a href="http://www.regionalflood.org">www.regionalflood.org</a>
Clark County Government Center 500 South Grand Central Parkway Las Vegas, Nevada 89155	City of Boulder City 401 California Boulder City, Nevada 89005
City of Henderson 240 Water Street Henderson, Nevada 89015	City of Las Vegas 495 S. Main Street Las Vegas, Nevada 89101
City of Mesquite 10 East Mesquite Boulevard Mesquite, Nevada 89027	City of North Las Vegas 2250 Las Vegas Boulevard North Ste. 800 North Las Vegas, Nevada 89030
The Notice, Agenda, and Agenda Full-Backup have been posted on the District's Website at <a href="http://www.regionalflood.org">www.regionalflood.org</a>	The Notice has been posted on the State of Nevada Public Notice Website at <a href="https://notice.nv.gov/">https://notice.nv.gov/</a>

By: \_\_\_\_\_

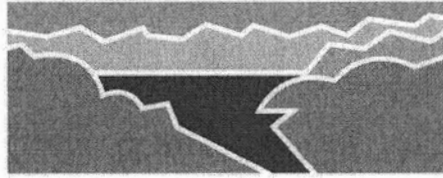
*Sherry Allen*

\*\*Supporting material available upon request.

1. **Comments By the General Public**

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

# REGIONAL FLOOD CONTROL DISTRICT



**AGENDA**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**TECHNICAL ADVISORY COMMITTEE**  
**APRIL 25, 2019**  
**9:00 A.M.**

- Items on the agenda may be taken out of order.
- The Regional Flood Control District Technical Advisory Committee may combine two or more agenda items for consideration.
- The Regional Flood Control District Technical Advisory Committee may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.

## I. Call to Order

### 1. Comments By the General Public

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

2. Action to approve the agenda with deletion of any items (*For possible action*)
3. Action to approve the minutes of the March 28, 2019 meeting (*For possible action*)

## II. Administration

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

6. Action to approve the final accounting reports and close out the interlocal contracts for the following projects (*For possible action*):
  - Duck Creek at Dean Martin (construction) – CLA08W16
  - Duck Creek at Dean Martin (design) – CLA08Q13
  - Gowan North-Buffalo Branch, Lone Mtn. to Washburn Rd. (design) – LAS24H13
7. Action to approve the first amendment to the professional services agreement with ICF Jones & Stokes, Inc., to extend the term of the agreement for the development of a Regional In-Lieu Fee Mitigation Program for future flood control master plan projects (*For possible action*)
8. Action to approve an interlocal agreement among the City of Henderson, City of Las Vegas, City of North Las Vegas, Clark County, Clark County Regional Flood Control District, Clark County Water Reclamation District and the Southern Nevada Water Authority to establish funding allocations and the budget for the Las Vegas Wash Activities in Fiscal Year 2019-20 (*For possible action*)
9. Action to approve the amendment to the space use lease agreement with Boulder City for the operation of Flood Threat Recognition System equipment (*For possible action*)
10. Discussion and possible action to approve the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2019-2020 project list (*For possible action*)

### **III. Design and Construction**

11. Action to approve a request to reallocate funding within the interlocal contract for design for Pittman North Detention Basin and Outfall – City of Henderson (*For possible action*)
12. Action to approve the supplemental interlocal contracts for construction and design to extend the project completion date for the following projects (*For possible action*):
  - a. First Supplemental – Duck Creek, Las Vegas Boulevard – Clark County
  - b. Second Supplemental – Local Drainage Improvements for Katie Avenue Storm Drain – Clark County

- c. Second Supplemental – Searchlight – South, Encinitas St. Storm Drain – Clark County
  - d. First Supplemental – Gowan – Alexander Road, Rancho Drive to Decatur Boulevard – City of Las Vegas
  - e. Second Supplemental – Gowan Box Canyon – Lone Mountain Road – City of Las Vegas
  - f. Second Supplemental – Gowan North – El Capitan Branch, Lone Mountain to Ann Road – City of Las Vegas
  - g. Second Supplemental – Cedar Avenue Channel – Improvements – City of Las Vegas
  - h. Third Supplemental – Las Vegas Wash, Sloan Channel to Cedar Avenue – City of Las Vegas
  - i. Second Supplemental – Flamingo – Boulder Hwy., North, Charleston – Boulder Hwy., to Maryland Parkway and Maryland Parkway System – City of Las Vegas
13. Fifth Street Collector, Centennial Parkway to Deer Springs Way – City of North Las Vegas
- a. Action to approve the first supplemental interlocal contract for construction to increase funding (*For possible action*)
  - b. Receive a report on the award of bid for construction
14. Flamingo – Boulder Highway North – Boulder Hwy., Sahara to Charleston – City of Las Vegas
- a. Action to approve the first supplemental interlocal contract for construction to increase funding (*For possible action*)
  - b. Receive a report on the award of bid for construction
15. Beltway Detention Basin, Collection and Outfall – City of North Las Vegas (*For possible action*)
- a. Action to accept the project presentation
  - b. Action to approve the interlocal contract for construction
16. Hollywood System, Phase II, Nellis Air Force Base Reach – City of North Las Vegas (*For possible action*)
- a. Action to accept the project presentation
  - b. Action to approve the interlocal contract for construction

17. **Comments By the General Public**

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

**MINUTES**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**TECHNICAL ADVISORY COMMITTEE**  
**MARCH 28, 2019**  
**9:00 A.M.**

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*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 offices.*

**MEETING NOTICES:** Public Notices of this meeting were properly posted by Cristle Ramey of the Regional Flood Control District 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 Offices, Clark County Regional Flood Control District Website ([www.regionalflood.org](http://www.regionalflood.org)), and the State of Nevada Public Notice Website (<https://notice.nv.gov/>).

**CALL TO ORDER:** Mr. Ed McGuire, Vice-Chairman, Clark County, Alternate, called the meeting to order at 9:01 a.m., in Room 108, 600 South Grand Central Parkway, with the following members present:

**MEMBERS PRESENT:** Denis Cederburg, Clark County  
Edward McGuire, Vice-Chairman, City of Henderson, Alternate  
Travis Anderson, City of Mesquite  
Keegan Littrell, City of Boulder City  
Joseph Leedy, Clark County Water Reclamation District, Alternate  
Allen Pavelka, City of Las Vegas

**MEMBERS ABSENT:** Thomas Davy, City of Henderson, Alternate  
Dale Daffern, City of North Las Vegas  
Mike Janssen, City of Las Vegas  
Ebrahim Juma, Clark County Water Reclamation District  
Jim Keane, City of Boulder City, Alternate  
Oh-Sang Kwon, City of Las Vegas, Alternate

**STAFF:** Steven C. Parrish, General Manager/Chief Engineer  
Andrew R. Trelease, Assistant General Manager  
Christopher Figgins, Chief Deputy District Attorney  
Todd Myers, Engineering Director  
Jeanine Pitts-Dilworth, Administrative Services Director  
Erin Neff, Public Information Manager  
Debra Yamachika, Senior Civil Engineer  
Edward Demars, Associate Engineer  
Deanna Hughes, Senior Management Analyst  
Dorothy Davis, Senior Office Specialist

**I. Call to Order**

**Mr. Joe Yatson, Chairman, called the Technical Advisory Committee meeting to order at 9:01 a.m. in Room 108 of the RFCD/RTC Administration Building.**

**1. Comments By the General Public**

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

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

Staff recommends approval.

**Mr. Pavelka moved for approval of the agenda with corrections to item #6.**

**6 AYES – 0 NAYS**

**Motion Carried**

**a. Action to elect a Chairman and Vice-Chairman (*For possible action*)**

Mr. Parrish advised that Mr. Yatson was retiring and the position is usually held by someone from each entity listed in alphabetic order. Mr. Parrish recommended someone from Clark County be voted in to complete Mr. Yatson's term until the general vote is done in July.

**Mr. Pavelka moved to nominate Mr. Denis Cederburg as Chairman.**

**6 AYES – 0 NAYS**

**Motion Carried**

**3. Action to approve the minutes of the February 28, 2019 meeting (*For possible action*)**

**Upon a motion by Mr. Anderson, the minutes of the February 28, 2019 meeting were approved.**

**6 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 agenda backup.

Staff recommends acceptance of the financial reports.

**Mr. Cederburg moved to follow staff recommendation.**

**6 AYES – 0 NAYS**

**Motion Carried**

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

Staff recommends approval.

**Mr. Pavelka moved to follow staff recommendation.**

**6 AYES – 0 NAYS**

**Motion Carried**

6. Receive the quarterly project status reports, reporting period: November 2018 through January 2019.

Mr. Parrish advised the status reports were in the agenda backup.

**No Action Required.**

7. Discussion and possible action to approve the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2019-2020 project list (*For possible action*)

Mr. Parrish stated it was time to update the Ten-Year Construction Program again. Spreadsheets are complete and will be forwarded to each entity. He asked that they be completed and returned no later than April 22, 2019. Mr. Parrish instructed each entity to review the ID miles, because a few may have changed from last year due to the new update. The costs tables will be automatic unless there are changes. At that point, the entity will need to recalculate the cost. Also, Mr. Parrish advised that every five (5) years when the Master Plan for the Las Vegas Valley is updated, the percentages are viewed for each agency and this determines the amount received in terms of what will be programmed. That amount may need to be revised based on facilities being completed or added, which are in the report also. Mr.

Parrish stated that throughout the years, there have been estimated Bond amounts. Recently, a \$115 million Bond of the \$200 million authority was sold which will be carried over into year one (1) along with another \$85 million. All information will be in the Ten-Year Construction Program. The point of contact with any questions or concerns is Mr. Todd Myers, Engineering Director.

**No Action Required.**

### **III. Design and Construction**

8. Action to approve the supplemental interlocal contracts for design and construction to extend the project completion date for the following projects (*For possible action*):
  - a. Second Supplemental – Brent Drainage System – Floyd Lamb Park to Durango Drive – City of Las Vegas
  - b. Second Supplemental – Centennial Parkway Channel West – CC 215, Pioneer Way to US95 – City of Las Vegas
  - c. Third Supplemental – Centennial Parkway Channel West – CC215, Pioneer Way to US95 – City of Las Vegas
  - d. First Supplemental – Centennial Parkway Channel West – US95, CC215 to Durango – City of Las Vegas
  - e. Second Supplemental – Centennial Parkway Channel West – US95, Durango to Grand Teton – City of Las Vegas
  - f. Third Supplemental – Rancho Road System – Elkhorn, Grand Canyon to Hualapai – City of Las Vegas

Mr. Parrish advised these are all extensions of time for these projects.

Staff recommends approval of items 8a through 8f.

**Mr. Pavelka moved to follow staff recommendation.**

**6 AYES – 0 NAYS  
Motion Carried**

9. Action to approve the interlocal contracts for design for the following projects (*For possible action*):
  - a. Wagon Trail Channel, Sunset Road to Teco Avenue – Clark County
  - b. Flamingo Wash, Maryland Parkway to Palos Verdes Street – Clark County
  - c. Duck Creek/Blue Diamond, Bermuda Road to Las Vegas Boulevard – Clark County

- d. Blue Diamond Wash, Arville Street to I-15 – Clark County

Mr. Parrish advised these are new interlocal contracts for design.

Staff recommends approval of items 9a through 9d.

**Mr. Cederburg moved to follow staff recommendation.**

**6 AYES – 0 NAYS**

**Motion Carried**

10. Action to approve construction change order no. 6 for Pittman North Detention Basin and Outfall, Phase III – City of Henderson (*For possible action*)

Mr. Parrish stated this is a change order in the amount of \$112,660.85 due to additional work required for a NV Energy utility relocation. There is no fiscal impact.

Staff recommends approval.

**Mr. McGuire moved to follow staff recommendation.**

**6 AYES – 0 NAYS**

**Motion Carried**

11. **Comments By the General Public**

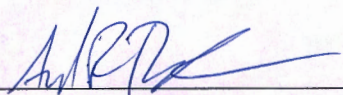
Mr. Parrish advised there will be a Citizens' Advisory Committee Tour scheduled for April 19, 2019. Everyone is welcome to attend. Two projects in the City of Henderson will be the focus: Pittman North Detention Basin and Pittman Horizon Ridge. Wetlands Park will also be visited as well as other facilities.


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

**ADJOURNMENT**

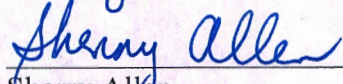
The meeting adjourned at 9:10 a.m.

Respectfully submitted,

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

  
\_\_\_\_\_  
Denis Cederburg, Chairman  
Clark County

Attest April 25, 2019

  
\_\_\_\_\_  
Sherry Allen  
Board Secretary

/dd

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>
FINANCIAL REPORTS – MARCH 2019
<b>PETITIONER:</b>
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
<b>RECOMMENDATION OF PETITIONER:</b>
ACCEPT THE REPORTS (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None

**BACKGROUND:** The financial reports for March 2019, 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 2018-19 .....	2
	Sales Tax Revenue Report – FY 2018-19 .....	3
	Monthly Expenditure Summary Report .....	4
B - Fund 2870	Fund Balance Report .....	5
	Maintenance Work Program Monthly Expenditures.....	6-8
	Maintenance Work Program Status Report – FY 2019.....	9-10
C - Fund 3300	Fund Balance Report .....	11
D - Fund 4430	Fund Balance Report .....	12
	Monthly Expenditure Report.....	13-14
E - Fund 4440	Fund Balance Report .....	15

TAC AGENDA ITEM # 04 DATE: 04/25/19	RFCD AGENDA ITEM # DATE: 05/23/19
CAC AGENDA ITEM # 04 DATE: 04/29/19	

F - Summary	Pay-As-You-Go Funded – Current Project Expense Summary .....	16-43
	Bond Funded – Current Project Expense Summary .....	44-46
	Capital Improvement Program – Open Projects Summary .....	47
	Pay-As-You-Go Funding – Cumulative Reporting.....	48-60
	Bond Funding – Cumulative Reporting.....	61-65
	FY 2018-19 Projects Funded Summary .....	66-67
	Estimated Funding Schedule .....	68

Respectfully submitted,

  
 \_\_\_\_\_  
 Jeanine Pitts-Dilworth  
 Administrative Services Director

TAC AGENDA ITEM # 04 DATE: 04/25/19	RFCD AGENDA ITEM # DATE: 05/23/19
CAC AGENDA ITEM # 04 DATE: 04/29/19	

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2860 - OPERATING FUND  
 FUND BALANCE REPORT  
 MARCH 2019

BEGINNING CASH BALANCE:	\$ 10,846,455.40	
Accruals/Adjustments	<u>(2,813.90)</u>	
	TOTAL BEGINNING BALANCE	\$ 10,843,641.50
REVENUES:		
Sales Tax Revenue	8,645,825.21	
Interest Earnings	13,311.17	
Fund 4430 - Transfer In Interest Earnings	61,538.46	
Build America Bonds Rebate	-	
Sale of Materials	-	
Miscellaneous Other Revenue	-	
Petty Cash Reimbursements	-	
Miscellaneous Accruals/Adjustments	<u>15,518.88</u>	
	TOTAL REVENUES	\$ 8,736,193.72
EXPENDITURES:		
Salaries & Benefits	(342,573.37)	
Services & Supplies	(117,778.73)	
Professional Services	(1,137,263.21)	
Capital Expenditures	-	
Fund 2870 - Transfer Out Maintenance Work Program	(1,000,000.00)	
Fund 3300 - Transfer Out Debt Service	(3,211,054.50)	
Fund 4430 - Transfer Out Budgeted Transfers	(4,095,000.00)	
Accruals/Adjustments		
Accounts Payable	1,926.54	
Miscellaneous Accruals/Adjustments	<u>42,122.28</u>	
	TOTAL EXPENSES	<u>\$ (9,859,620.99)</u>
ENDING CASH BALANCE:		<u><u>\$ 9,720,214.23</u></u>

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2860 - OPERATING FUND  
 APPROPRIATION BALANCE REPORT  
 FISCAL YEAR 2018-19

**REVENUES/FINANCING SOURCES**

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	UNREALIZED	% UNREALIZED
Revenues	\$ 108,309,352.00	\$ 65,142,108.08	N/A	\$ 43,167,243.92	40%
Other Sources	<u>800,000.00</u>	<u>553,846.16</u>	<u>N/A</u>	<u>246,153.84</u>	<u>31%</u>
<b>TOTAL</b>	<b>\$ 109,109,352.00</b>	<b>\$ 65,695,954.24</b>	<b>N/A</b>	<b>\$ 43,413,397.76</b>	<b>40%</b>

**EXPENDITURES/TRANSFERS**

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	AVAILABLE	% AVAILABLE
Expenditures (1)	\$ 9,748,604.00	\$ 5,201,565.51	\$ 2,102,915.21	\$ 2,444,123.28	25%
Transfers Out					
Debt Service	39,270,425.00	32,975,734.04	-	6,294,690.96	16%
MWP	12,000,000.00	7,000,000.00	-	5,000,000.00	42%
CIP (1,2)	<u>54,000,000.00</u>	<u>29,895,000.00</u>	<u>-</u>	<u>24,105,000.00</u>	<u>45%</u>
<b>TOTAL</b>	<b>\$ 115,019,029.00</b>	<b>\$ 75,072,299.55</b>	<b>\$ 2,102,915.21</b>	<b>\$ 37,843,814.24</b>	<b>33%</b>

Notes:

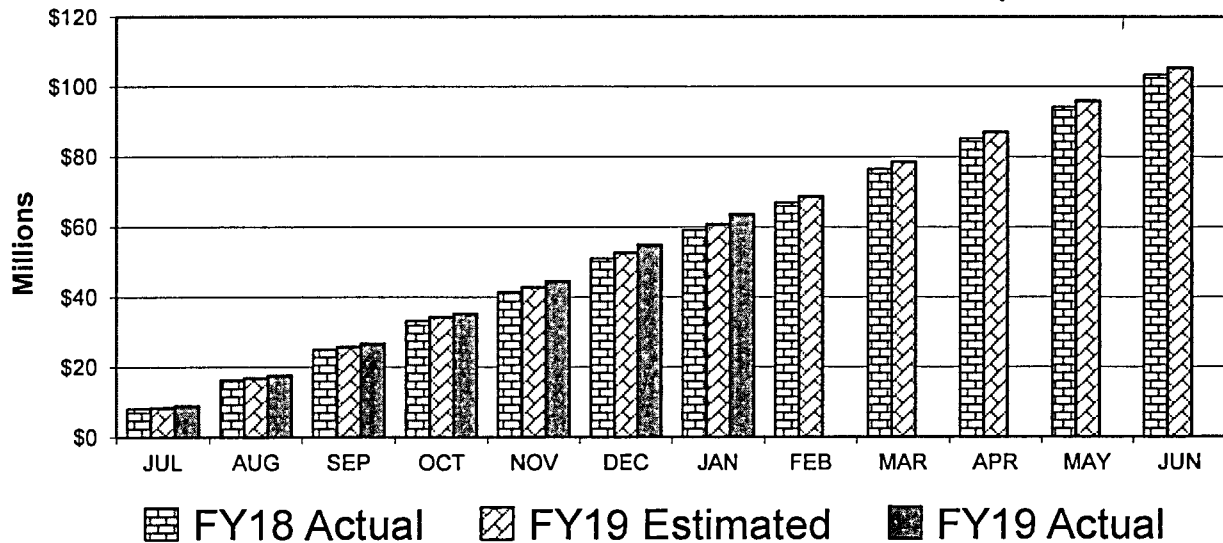
- (1) Includes Budget Augmentation Approved 12/13/18.
- (2) Includes Local Drainage program.



SALES TAX REVENUE REPORT  
 REGIONAL FLOOD CONTROL DISTRICT  
 FISCAL YEAR 2018-19  
 MODIFIED ACCRUAL BASIS

MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE (as approved April 12, 2018)	ACTUAL SALES TAX REVENUES	DIFFERENCE OVER/(UNDER) ESTIMATE	PERCENT +/- FROM ESTIMATE
JULY	8,337,216.43	8,812,912.62	475,696.19	5.71%
AUGUST	8,503,452.27	8,803,958.07	300,505.80	3.53%
SEPTEMBER	8,856,367.65	8,991,766.94	135,399.29	1.53%
OCTOBER	8,501,254.63	8,633,436.49	132,181.86	1.55%
NOVEMBER	8,610,430.36	9,320,225.70	709,795.34	8.24%
DECEMBER	9,901,526.75	10,371,886.68	470,359.93	4.75%
JANUARY	8,053,625.31	8,645,825.21	592,199.90	7.35%
FEBRUARY	7,802,944.08			
MARCH	9,978,678.81			
APRIL	8,474,253.85			
MAY	8,895,566.19			
JUNE	9,384,683.67			
<b>TOTAL:</b>	<b>\$ 105,300,000.00</b>	<b>\$ 63,580,011.71</b>	<b>\$ 2,816,138.31</b>	<b>4.63%</b>

**Estimated vs Actual Cumulative Sales Tax Receipts**



**Schedule of Monthly Expenditures - Summary**  
**Fund 2860 - Operating Fund**  
**3/1/2019 to 3/31/2019**

<u>Fiscal Year</u>	<u>Account #</u>	<u>Account Name</u>	<u>Amount</u>
2019	61*/62*	Salaries and Benefits	342,573.37
	630000	Other Professional Services	1,134,259.56
	635000	Pro Svcs-Legal	3,003.65
	640310	R & M-Facilities	40,479.03
	640340	R & M-Vehicles	952.36
	641000	Other Rental Expense	578.31
	645000	Other Insurance	18,974.72
	646100	Telephone-Local	528.14
	646120	Cell Phones/Beepers	349.69
	648100	Printing/Reproduction	946.60
	649100	Airfare	194.96
	649200	Lodging	524.55
	649400	Meals	192.00
	649600	Mileage	97.90
	663000	Operating Supplies	622.97
	663400	Office Supplies	711.68
	663500	Wearing Apparel	43.56
	663601	LVA-Equipment-General-Modified Accrual	45,305.03
	663610	Computers & Supplies	477.59
	670100	Electricity	4,798.10
	670500	Disposal	227.58
	679300	Dues	372.00
	679600	Postage	49.50
	680400	Capital Outlay-Equipment-Mod Accrual	1,352.46
		<b>Fiscal Year Total</b>	<b>\$1,597,615.31</b>
		<b>Grand Total</b>	<b>\$1,597,615.31</b>

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2870 - FACILITIES MAINTENANCE FUND  
 FUND BALANCE REPORT  
 MARCH 2019

BEGINNING CASH BALANCE:	\$ 8,186,263.12	
Accruals/Adjustments	<u>-</u>	
TOTAL BEGINNING CASH BALANCE:		\$ 8,186,263.12
REVENUES:		
Interest Income	13,561.06	
Fund 2860 - Transfer In Maintenance Work Program	1,000,000.00	
Miscellaneous Other Revenue/Adjustments	<u>214,333.23</u>	
TOTAL MONTHLY REVENUES		\$ 1,227,894.29
EXPENDITURES:		
Services & Supplies	-	
Maintenance Work Program Expenditures	(612,112.97)	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	(214,333.23)	
Contract Retention Payable	(45,467.26)	
Contract Retention Interest Payable	-	
Accounts Payable	<u>-</u>	
TOTAL MONTHLY EXPENSES		<u>\$ (871,913.46)</u>
ENDING CASH BALANCE:		<u><u>\$ 8,542,243.95</u></u>

**Regional Flood Control District  
Monthly Expenditures  
Maintenance Work Program  
3/1/2019 to 3/31/2019**

**Fiscal Year - 2019**

<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>
BRAGG INVESTMENT COMPANY INC	RF.HN69	566884	03/04/2019	4500291124	03/27/2019	\$5,492.00
BRAGG INVESTMENT COMPANY INC	RF.HN69	566885	03/04/2019	4500291124	03/27/2019	\$275.00
BRAGG INVESTMENT COMPANY INC	RF.HN69	567747	03/06/2019	4500291124	03/27/2019	\$4,506.80
BRAGG INVESTMENT COMPANY INC	RF.HN69	567747	03/06/2019	4500291124	03/27/2019	\$4,506.80
BRAGG INVESTMENT COMPANY INC	RF.HN69	567756	03/06/2019	4500291124	03/27/2019	\$250.00
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I69232012	02/20/2019	4500293329	03/26/2019	\$3,175.55
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I6923202	02/20/2019	4500293329	03/27/2019	\$90.00
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I6967801	02/28/2019	4500293329	03/27/2019	\$1,142.25
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I6967801	02/28/2019	4500293329	03/27/2019	\$1,142.25
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I6967901	02/28/2019	4500293329	03/26/2019	\$1,111.09
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I6967901	02/28/2019	4500293329	03/26/2019	\$1,111.10
CH2M HILL ENGINEERS INC	RF.HN65	682375CH01	03/06/2019	4500286837	03/15/2019	\$115.00
CH2M HILL ENGINEERS INC	RF.HN65	682375CH01	03/06/2019	4500286837	03/15/2019	\$3,734.56
CH2M HILL ENGINEERS INC	RF.HN66	682375CH01	03/06/2019	4500286837	03/15/2019	\$2,566.36
CH2M HILL ENGINEERS INC	RF.HN67	682375CH01	03/06/2019	4500286837	03/15/2019	\$1,283.18
CH2M HILL ENGINEERS INC	RF.HN69	682375CH01	03/06/2019	4500286837	03/15/2019	\$1,283.18
CH2M HILL ENGINEERS INC	RF.HN71	682375CH01	03/06/2019	4500286837	03/15/2019	\$2,566.36
CH2M HILL ENGINEERS INC	RF.HN72	682375CH01	03/06/2019	4500286837	03/15/2019	\$2,566.36
CITY OF HENDERSON	RF.HN65	MSC5030864	02/26/2019	4500286838	03/08/2019	\$6,401.41
CITY OF HENDERSON	RF.HN65	MSC5030865	02/26/2019	4500286838	03/08/2019	\$2,545.17
CITY OF HENDERSON	RF.HN65	MSC5030866	02/26/2019	4500286838	03/08/2019	\$1,149.58
CITY OF HENDERSON	RF.HN65	MSC5030866	02/26/2019	4500286838	03/08/2019	\$441.95
CITY OF HENDERSON	RF.HN65	MSC5030866	02/26/2019	4500286838	03/08/2019	\$368.24
CITY OF HENDERSON	RF.HN65	MSC5030866	02/26/2019	4500286838	03/08/2019	\$2,523.57
CITY OF HENDERSON	RF.HN66	MSC5030864	02/26/2019	4500286838	03/08/2019	\$2,599.86
CITY OF HENDERSON	RF.HN66	MSC5030865	02/26/2019	4500286838	03/08/2019	\$2,545.17
CITY OF HENDERSON	RF.HN66	MSC5030866	02/26/2019	4500286838	03/08/2019	\$3,595.82
CITY OF HENDERSON	RF.HN66	MSC5030866	02/26/2019	4500286838	03/08/2019	\$2,579.32
CITY OF HENDERSON	RF.HN66	MSC5030866	02/26/2019	4500286838	03/08/2019	\$287.36

**Regional Flood Control District  
 Monthly Expenditures  
 Maintenance Work Program  
 3/1/2019 to 3/31/2019**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF HENDERSON	RF.HN66	MSC5030866	02/26/2019	4500286838	03/08/2019	\$7,939.10
CITY OF HENDERSON	RF.HN67	MSC5030864	02/26/2019	4500286838	03/08/2019	\$2,049.16
CITY OF HENDERSON	RF.HN68	MSC5030864	02/26/2019	4500286838	03/08/2019	\$2,642.42
CITY OF HENDERSON	RF.HN68	MSC5030866	02/26/2019	4500286838	03/08/2019	\$748.93
CITY OF HENDERSON	RF.HN69	MSC5030864	02/26/2019	4500286838	03/08/2019	\$5,000.84
CITY OF HENDERSON	RF.HN69	MSC5030866	02/26/2019	4500286838	03/08/2019	\$2,107.89
CITY OF HENDERSON	RF.HN69	MSC5030866	02/26/2019	4500286838	03/08/2019	\$19,753.84
CITY OF HENDERSON	RF.HN69	MSC5030959	03/14/2019	4500286838	03/26/2019	\$230.00
CITY OF HENDERSON	RF.HN70	MSC5030864	02/26/2019	4500286838	03/08/2019	\$1,667.28
CITY OF HENDERSON	RF.HN70	MSC5030866	02/26/2019	4500286838	03/08/2019	\$1,102.69
CITY OF HENDERSON	RF.HN71	MSC5030864	02/26/2019	4500286838	03/08/2019	\$1,195.06
CITY OF HENDERSON	RF.HN71	MSC5030866	02/26/2019	4500286838	03/08/2019	\$214.68
CITY OF HENDERSON	RF.HN71	MSC5030866	02/26/2019	4500286838	03/08/2019	\$1,104.75
CITY OF HENDERSON	RF.HN72	MSC5030864	02/26/2019	4500286838	03/08/2019	\$1,195.06
CITY OF HENDERSON	RF.HN72	MSC5030866	02/26/2019	4500286838	03/08/2019	\$1,966.14
CITY OF HENDERSON	RF.HN72	MSC5030866	02/26/2019	4500286838	03/08/2019	\$3,244.13
CITY OF HENDERSON	RF.HN72	MSC5030866	02/26/2019	4500286838	03/08/2019	\$1,043.25
CITY OF HENDERSON	RF.HN73	MSC5030864	02/26/2019	4500286838	03/08/2019	\$997.96
CITY OF LAS VEGAS	RF.LV51	278279	03/12/2019	4500289796	03/27/2019	\$1,920.90
CITY OF LAS VEGAS	RF.LV52	278279	03/12/2019	4500289796	03/27/2019	\$549.98
CITY OF LAS VEGAS	RF.LV52	278279	03/12/2019	4500289796	03/27/2019	\$20,621.93
CITY OF LAS VEGAS	RF.LV53	278279	03/12/2019	4500289796	03/27/2019	\$2,485.85
CITY OF LAS VEGAS	RF.LV54	278279	03/12/2019	4500289796	03/27/2019	\$1,277.50
CITY OF LAS VEGAS	RF.LV54	278279	03/12/2019	4500289796	03/27/2019	\$17.96
CITY OF LAS VEGAS	RF.LV54	278279	03/12/2019	4500289796	03/27/2019	\$2,593.87
CITY OF LAS VEGAS	RF.LV55	278279	03/12/2019	4500289796	03/27/2019	\$7,398.50
CITY OF LAS VEGAS	RF.LV56	278279	03/12/2019	4500289796	03/27/2019	\$3,506.41
CITY OF LAS VEGAS	RF.LV57	278279	03/12/2019	4500289796	03/27/2019	\$703.20
CITY OF LAS VEGAS	RF.LV57	278279	03/12/2019	4500289796	03/27/2019	\$5,763.21
IMPACT SAND & GRAVEL INC	RF.HN69	558817	02/22/2019	4500289208	03/25/2019	\$630.00
LAS VEGAS PAVING CORP	RF.HN66	16061	01/23/2019	4500293463	03/27/2019	\$9,189.35
LAS VEGAS PAVING CORP	RF.HN66	16061	01/23/2019	4500293463	03/27/2019	\$2,616.36
LAS VEGAS PAVING CORP	RF.HN66	16062	01/22/2019	4500293463	03/27/2019	\$5,021.10
LAS VEGAS PAVING CORP	RF.HN66	16062	01/22/2019	4500293463	03/27/2019	\$1,546.02
LAS VEGAS PAVING CORP	RF.HN66	COHMWP#4	01/31/2019	4500287861	03/18/2019	\$120,652.80
PUBLIC WORKS/CC TREAS	RF.CC01	4019000108	03/31/2019	none	03/31/2019	\$60,000.00
PUBLIC WORKS/CC TREAS	RF.CC02	4019000109	03/31/2019	none	03/31/2019	\$120,000.00

**Regional Flood Control District  
 Monthly Expenditures  
 Maintenance Work Program  
 3/1/2019 to 3/31/2019**

<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>
PUBLIC WORKS/CC TREAS	RF.CC05	1519103654	03/12/2019	none	03/15/2019	(\$126,003.05)
PUBLIC WORKS/CC TREAS	RF.CC05	1519103654	03/12/2019	none	03/15/2019	(\$217,789.74)
PUBLIC WORKS/CC TREAS	RF.CC05	1519103654	03/12/2019	none	03/15/2019	\$126,003.05
PUBLIC WORKS/CC TREAS	RF.CC05	1519103654	03/12/2019	none	03/15/2019	\$217,789.74
PUBLIC WORKS/CC TREAS	RF.CC05	4019000110	03/31/2019	none	03/31/2019	(\$343,792.79)
PUBLIC WORKS/CC TREAS	RF.CC05	4019000110	03/31/2019	none	03/31/2019	\$129,459.56
PUBLIC WORKS/CC TREAS	RF.CC05	4019000111	03/31/2019	none	03/31/2019	\$343,792.79
REGIONAL FLOOD CONTROL	RF.HN69	1019050929	03/12/2019	none	03/12/2019	\$2,107.89
REGIONAL FLOOD CONTROL	RF.HN69	1019050929	03/12/2019	none	03/12/2019	(\$2,107.89)
<b>Total Expenditures</b>						<b>\$612,112.97</b>
<b>Grand Total</b>						<b>\$612,112.97</b>

**Regional Flood Control District  
Maintenance Work Program Status Report - Fiscal Year 2019**

**Boulder City**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.BC01	Hemenway Watershed	\$182,000.00	\$53,842.28	\$128,157.72
RF.BC02	Georgia/Buchanan Watershed	\$65,000.00	\$3,651.94	\$61,348.06
RF.BC03	North Railroad Watershed	\$20,000.00	\$8,475.21	\$11,524.79
RF.BC04	West Airport Watershed	\$33,000.00	\$1,202.36	\$31,797.64
		<b>\$300,000.00</b>	<b>\$67,171.79</b>	<b>\$232,828.21</b>

**Clark County**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.CC01	Flamingo Wash	\$881,500.00	\$297,255.11	\$584,244.89
RF.CC02	Las Vegas Wash	\$313,000.00	\$138,857.98	\$174,142.02
RF.CC03	Duck Creek	\$455,500.00	\$261,227.46	\$194,272.54
RF.CC05	Las Vegas Range Wash	\$2,609,500.00	\$737,854.28	\$1,871,645.72
RF.CC06	Tropicana Wash	\$265,000.00	\$77,583.87	\$187,416.13
RF.CC07	Airport Channel	\$48,500.00	\$12,854.10	\$35,645.90
RF.CC08	Monson Channel	\$1,854,700.00	\$9,853.12	\$1,844,846.88
RF.CC09	Rawhide Channel	\$63,500.00	\$4,614.75	\$58,885.25
RF.CC10	Van Buskirk Channel	\$37,000.00	\$14,721.86	\$22,278.14
RF.CC11	Flamingo Wash North Fork	\$45,000.00	\$6,731.82	\$38,268.18
RF.CC14	Laughlin Washes	\$39,500.00	\$3,148.89	\$36,351.11
RF.CC15	Moapa Valley	\$120,500.00	\$373.24	\$120,126.76
RF.CC16	Blue Diamond Wash	\$147,500.00	\$32,775.34	\$114,724.66
RF.CC17	Searchlight	\$7,500.00	\$157.39	\$7,342.61
RF.CC18	Bunkerville	\$14,500.00	\$1,639.84	\$12,860.16
RF.CC19	Pittman Wash	\$41,500.00	\$9,269.01	\$32,230.99
RF.CC20	Indian Springs	\$13,500.00	\$919.78	\$12,580.22
RF.CC21	Northern Beltway Channels	\$34,000.00	\$10,680.91	\$23,319.09
		<b>\$6,991,700.00</b>	<b>\$1,620,518.75</b>	<b>\$5,371,181.25</b>

**Henderson**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN65	C1 North	\$1,348,064.18	\$267,711.64	\$1,080,352.54
RF.HN66	C1 South	\$347,547.62	\$374,627.27	(\$27,079.65)
RF.HN67	Pittman Central NE	\$72,088.42	\$35,569.36	\$36,519.06
RF.HN68	Pittman Central SE	\$40,348.75	\$18,749.27	\$21,599.48
RF.HN69	Pittman Central NW	\$144,427.42	\$191,086.43	(\$46,659.01)
RF.HN70	Pittman Central SW	\$24,759.45	\$9,988.69	\$14,770.76
RF.HN71	Pittman Anthem Inspirada	\$29,474.45	\$15,434.92	\$14,039.53
RF.HN72	Pittman Seven Hills	\$24,156.67	\$21,937.05	\$2,219.62
RF.HN73	Pittman West Henderson	\$7,133.04	\$6,071.62	\$1,061.42
		<b>\$2,038,000.00</b>	<b>\$941,176.25</b>	<b>\$1,096,823.75</b>

**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	\$32,166.89	\$67,833.11
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$700,000.00	\$379,979.38	\$320,020.62
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	\$100,000.00	\$25,005.22	\$74,994.78

## Regional Flood Control District

### Maintenance Work Program Status Report - Fiscal Year 2019

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV54	Las Vegas Wash System	\$700,000.00	\$308,214.75	\$391,785.25
RF.LV55	Meadows/Oakey System	\$100,000.00	\$21,399.36	\$78,600.64
RF.LV56	Washington Ave/LV Creek	\$225,000.00	\$7,464.45	\$217,535.55
RF.LV57	US95/Outer Beltway/Ann Road System	\$900,000.00	\$292,035.93	\$607,964.07
		<b>\$2,825,000.00</b>	<b>\$1,066,265.98</b>	<b>\$1,758,734.02</b>

#### Mesquite

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.ME01	Mesquite Town Wash	\$19,000.00	\$5,300.56	\$13,699.44
RF.ME02	Abbott Wash Channel	\$14,300.00	\$173.44	\$14,126.56
RF.ME04	Town Wash Detention Basin	\$292,400.00	\$99,797.05	\$192,602.95
RF.ME07	Pulsipher Wash	\$29,400.00	\$6,326.44	\$23,073.56
RF.ME08	Abbott Wash Detention Basin	\$60,000.00	\$21,825.32	\$38,174.68
RF.ME09	Pulsipher Wash Detention Basin	\$29,700.00	\$9,300.71	\$20,399.29
		<b>\$444,800.00</b>	<b>\$142,723.52</b>	<b>\$302,076.48</b>

#### 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	\$41,075.00	\$14,599.49	\$26,475.51
RF.NL02	Las Vegas Wash-Middle	\$99,665.38	\$80,155.66	\$19,509.72
RF.NL03	LV Wash-King Charles Channel	\$38,571.00	\$10,861.35	\$27,709.65
RF.NL04	Vandenberg Detention Basin	\$85,874.73	\$65,166.21	\$20,708.52
RF.NL05	North Las Vegas Detention Basin	\$26,985.65	\$3,049.67	\$23,935.98
RF.NL06	Upper LVW DB & Moccasin Levee	\$299,092.42	\$280,839.83	\$18,252.59
RF.NL07	Carey/Lake Mead Detention Basin	\$273,145.80	\$118,815.42	\$154,330.38
RF.NL08	Gowan Outfall Channel	\$22,944.01	\$3,908.50	\$19,035.51
RF.NL10	Upper Las Vegas Wash	\$10,000.00	\$2,184.38	\$7,815.62
RF.NL11	Clayton Street Channel	\$25,571.00	\$10,567.76	\$15,003.24
RF.NL12	Lower Las Vegas Detention Basin	\$256,666.39	\$215,849.48	\$40,816.91
RF.NL13	West Trib-Ranch House to Lower LV DB	\$47,871.00	\$26,219.34	\$21,651.66
RF.NL14	Trib to Western Trib @ Craig Rd	\$32,071.00	\$5,886.88	\$26,184.12
RF.NL15	Las Vegas Wash-Smoke Ranch	\$27,248.45	\$471.85	\$26,776.60
RF.NL16	Upper Las Vegas Wash Channel	\$57,566.13	\$12,395.49	\$45,170.64
RF.NL17	Range Wash-LVW Diversion & Levee	\$321,249.29	\$299,706.71	\$21,542.58
RF.NL18	Cheyenne Peaking Basin	\$51,902.75	\$13,439.85	\$38,462.90
		<b>\$1,717,500.00</b>	<b>\$1,164,117.87</b>	<b>\$553,382.13</b>

<b>Program Total</b>	<b><u>\$14,317,000.00</u></b>	<b><u>\$5,001,974.16</u></b>	<b><u>\$9,315,025.84</u></b>
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**REGIONAL FLOOD CONTROL DISTRICT  
 FUND 3300 - BOND DEBT SERVICE FUND  
 FUND BALANCE REPORT  
 MARCH 2019**

BEGINNING CASH BALANCE	\$ 14,905,899.87	
Accruals/Adjustments	<u>-</u>	
 TOTAL BEGINNING CASH BALANCE		 \$ 14,905,899.87
 REVENUES:		
Interest Income	30,487.21	
Fund 2860 - Transfer In Debt Service	3,211,054.50	
Bonds Issued	-	
Premium on Bonds Issued	-	
Miscellaneous Other Revenue	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	<u>-</u>	
 TOTAL MONTHLY REVENUES		 \$ 3,241,541.71
 EXPENDITURES:		
Professional Services	(44,944.00)	
Debt Service Payments*	-	
Payments to Escrow Agent	-	
Transfers Out to Other Funds	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	<u>-</u>	
 TOTAL MONTHLY EXPENSES		 \$ <u>(44,944.00)</u>
 ENDING CASH BALANCE:		 \$ <u><u>18,102,497.58</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 2019**

**BEGINNING CASH BALANCE:**

Cash in Custody of Treasurer	\$ 119,190,964.59	
Custodial Account Cash Balance	4,421,305.04	
Accruals/Adjustments	-	
	<hr/>	
<b>TOTAL BEGINNING CASH BALANCE</b>		<b>\$ 123,612,269.63</b>

**REVENUES:**

Fund 2860 - Transfer In Budgeted Transfer	4,095,000.00	
Fund 3300 - Transfer In Bond Proceeds	-	
Custodial Account - Transfer In to Treasurer	-	
Interest Earnings	198,918.55	
Custodial Account Interest Earnings	-	
Proceeds from Bonds and Loans	-	
Miscellaneous Other Revenue	328.97	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	-	
	<hr/>	
<b>TOTAL MONTHLY REVENUES</b>		<b>\$ 4,294,247.52</b>

**EXPENDITURES:**

Capital Improvement Program	(4,906,621.96)	
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	5,734.15	
Contracts Retention Interest Payable	-	
Accounts Payable	-	
Miscellaneous Accruals/Adjustments	(328.97)	
	<hr/>	
<b>TOTAL MONTHLY EXPENDITURES</b>		<b>\$ (4,962,755.24)</b>

**ENDING CASH BALANCE:**

Cash in Custody of Treasurer	118,522,456.87
Custodial Account Cash Balance	4,421,305.04
	<hr/>

**ENDING CASH BALANCE:** \$ 122,943,761.91

**Regional Flood Control District  
 Monthly Expenditures  
 Capital Improvement Program  
 3/1/2019 to 3/31/2019**

**Fund 4430**

**Fiscal Year 2019**

<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>
CEEC INC	RF.HEN16F17	#8	02/18/2019	4800008797 00010	03/06/2019	\$11,815.00
CEEC INC	RF.HEN16F17	#9	03/11/2019	4800008797 00010	03/27/2019	\$12,115.00
CITY OF HENDERSON	RF.HEN05E09	MSC5030868	02/26/2019	4800002768 00010	03/08/2019	\$819.93
CITY OF HENDERSON	RF.HEN07F18	MSC5030871	02/26/2019	4800008975 00010	03/08/2019	\$2,673.71
CITY OF HENDERSON	RF.HEN16A01	MSC5030867	02/26/2019	4800001182 00010	03/08/2019	\$1,487.30
CITY OF HENDERSON	RF.HEN16F17	MSC5030870	02/26/2019	4800008512 00010	03/08/2019	\$15,604.78
CITY OF HENDERSON	RF.HEN05G16	MSC5030869	02/26/2019	4800007531 00010	03/08/2019	\$4,439.35
CITY OF LAS VEGAS	RF.LAS14C11	278321	03/12/2019	4800004218 00010	03/22/2019	\$261.12
CITY OF LAS VEGAS	RF.LAS16P15	278337	03/12/2019	4800007389 00010	03/22/2019	\$676.04
CITY OF LAS VEGAS	RF.LAS16Q18	278324	03/12/2019	4800008811 00010	03/26/2019	\$8,057.56
CITY OF LAS VEGAS	RF.LAS22S13	278344	03/12/2019	4800005745 00020	03/22/2019	\$581.45
CITY OF LAS VEGAS	RF.LAS22T15	278340	03/12/2019	4800007190 00020	03/22/2019	\$446.57
CITY OF LAS VEGAS	RF.LAS23G15	278342	03/12/2019	4800007191 00010	03/22/2019	\$5,539.43
CITY OF LAS VEGAS	RF.LAS23H15	278343	03/12/2019	4800007390 00010	03/22/2019	\$5,482.65
CITY OF LAS VEGAS	RF.LAS23I17	278341	03/12/2019	4800008135 00010	03/22/2019	\$1,395.75
CITY OF LAS VEGAS	RF.LAS24H13	276800	02/14/2019	4800005747 00020	03/08/2019	\$7,635.24
CITY OF LAS VEGAS	RF.LAS24H13	276800	02/14/2019	4800005747 00040	03/08/2019	\$21,403.02
CITY OF LAS VEGAS	RF.LAS24J15	278318	03/12/2019	4800007189 00010	03/22/2019	\$2,031.75
CITY OF LAS VEGAS	RF.LAS24K17	278319	03/12/2019	4800008331 00010	03/22/2019	\$2,588.47
CITY OF LAS VEGAS	RF.LAS24L17	278320	03/12/2019	4800008446 00010	03/22/2019	\$810.67
CITY OF LAS VEGAS	RF.LAS24M17	278317	03/12/2019	4800008554 00010	03/27/2019	\$65,023.61
CITY OF LAS VEGAS	RF.LAS24M17	278317	03/12/2019	4800008554 00020	03/27/2019	\$2,761,778.00
CITY OF LAS VEGAS	RF.LAS28C12	278298	03/12/2019	4800005013 00010	03/22/2019	\$96.98
CITY OF LAS VEGAS	RF.LAS29B15	278322	03/12/2019	4800007391 00010	03/22/2019	\$21,799.76
CITY OF LAS VEGAS	RF.LAS29C16	277097	02/26/2019	4500255470 00010	03/08/2019	\$73,781.68
CITY OF LAS VEGAS	RF.LAS29D17	278339	03/12/2019	4800008455 00010	03/22/2019	\$347.42
CITY OF LAS VEGAS	RF.LAS29E18	278338	03/12/2019	4800009097 00010	03/22/2019	\$382.16
CITY OF LAS VEGAS	RF.LAS31A17	278297	03/12/2019	4800008684 00010	03/22/2019	\$3,479.98
CITY OF LAS VEGAS	RF.LAS14D14	278323	03/12/2019	4800006033 00020	03/27/2019	\$463.24
CITY OF NORTH LAS VEGAS	RF.NLV03E13	9301	12/19/2018	4800006067 00010	03/25/2019	\$35,401.78
CITY OF NORTH LAS VEGAS	RF.NLV03E13	9363	02/14/2019	4800006067 00010	03/25/2019	\$23,327.02
CITY OF NORTH LAS VEGAS	RF.NLV03E13	9363	02/14/2019	4800006067 00030	03/25/2019	\$249.15
CITY OF NORTH LAS VEGAS	RF.NLV03E13	9403A	03/14/2019	4800006067 00010	03/28/2019	\$37,270.85
CITY OF NORTH LAS VEGAS	RF.NLV03F17	9408	03/14/2019	4800008161 00010	03/28/2019	\$1,887.99

**Regional Flood Control District  
Monthly Expenditures  
Capital Improvement Program  
3/1/2019 to 3/31/2019**

<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.NLV03G17	9406A	03/14/2019	4800008160 00010	03/28/2019	\$109,615.50
CITY OF NORTH LAS VEGAS	RF.NLV03G17	9406A	03/14/2019	4800008160 00040	03/28/2019	\$538.19
CITY OF NORTH LAS VEGAS	RF.NLV03H17	9404A	03/14/2019	4800008676 00010	03/28/2019	\$641,163.29
CITY OF NORTH LAS VEGAS	RF.NLV03H17	9404A	03/14/2019	4800008676 00020	03/28/2019	\$16,324.88
CITY OF NORTH LAS VEGAS	RF.NLV03I18	9407	03/14/2019	4800008711 00010	03/28/2019	\$47,677.35
CITY OF NORTH LAS VEGAS	RF.NLV03I18	9407	03/14/2019	4800008711 00020	03/28/2019	\$9,085.08
CITY OF NORTH LAS VEGAS	RF.NLV04K17	9409	03/14/2019	4800008195 00010	03/28/2019	\$4,623.84
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9402A	03/14/2019	4800006141 00010	03/28/2019	\$4,875.20
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9402A	03/14/2019	4800006141 00030	03/28/2019	\$3,134.01
CITY OF NORTH LAS VEGAS	RF.NLV17C16	9405A	03/14/2019	4800007933 00040	03/28/2019	\$1,346.98
CITY OF NORTH LAS VEGAS	RF.NLV17C16	9405A	03/14/2019	4800007933 00010	03/28/2019	\$6,480.40
GEOTEK INC	RF.HEN16F17	55779	01/31/2019	4800008718 00010	03/27/2019	\$27,620.75
LAS VEGAS PAVING CORP	RF.HEN05G16	HEN05G16#1	01/31/2019	4800008614 00010	03/07/2019	\$114,683.00
NEVADA POWER CO dba NV ENERGY- NEW	RF.HEN16F17	3002918316	02/28/2019	4800009202 00010	03/20/2019	\$237,476.00
NINYO AND MOORE	RF.HEN05G16	225294	02/13/2019	4800008838 00010	03/22/2019	\$987.50
NINYO AND MOORE	RF.HEN05G16	226139	03/12/2019	4800008838 00010	03/22/2019	\$2,075.00
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1519105434	03/15/2019	none	03/15/2019	\$2,580.60
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1519105434	03/15/2019	none	03/15/2019	\$1,482.40
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1519105435	03/15/2019	none	03/15/2019	\$9,511.50
PUBLIC WORKS/CC TREAS	RF.CLA10G12	1519110340	03/28/2019	none	03/28/2019	(\$328.97)
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1519100671	03/05/2019	none	03/05/2019	\$23,724.53
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1519100671	03/05/2019	none	03/05/2019	\$6,471.69
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1519105458	03/15/2019	none	03/15/2019	\$31,672.10
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1519105458	03/15/2019	none	03/15/2019	\$3,903.42
PUBLIC WORKS/CC TREAS	RF.CLA21A00	1519105457	03/15/2019	none	03/15/2019	\$12,747.94
PUBLIC WORKS/CC TREAS	RF.CLA27C08	1519111175	03/29/2019	none	03/29/2019	\$5,776.28
PUBLIC WORKS/CC TREAS	RF.CLA27C08	1519111175	03/29/2019	none	03/29/2019	\$114,092.45
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1519100685	03/05/2019	none	03/05/2019	\$2,205.28
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1519104797	03/14/2019	none	03/14/2019	\$12,139.23
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1519104797	03/14/2019	none	03/14/2019	\$5,520.26
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1519104789	03/14/2019	none	03/14/2019	\$316,261.87
VTN NEVADA	RF.HEN16A01	7520#62	03/10/2019	4800006059 00020	03/26/2019	\$1,950.00
VTN NEVADA	RF.HEN16A01	7520#62	03/10/2019	4800006059 00030	03/26/2019	\$540.00
VTN NEVADA	RF.HEN16A01	7520#62	03/10/2019	4800006059 00020	03/26/2019	(\$1,950.00)
VTN NEVADA	RF.HEN16A01	7520#62	03/10/2019	4800006059 00030	03/26/2019	(\$540.00)
<b>Fiscal Year Total</b>						<b>\$4,906,621.96</b>

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 4440 - CAPITAL IMPROVEMENTS BOND FUND  
 FUND BALANCE REPORT  
 MARCH 2019

BEGINNING CASH BALANCE:	\$ 9,974,775.05	
Accruals/Adjustments	<u>-</u>	
TOTAL BEGINNING CASH BALANCE		\$ 9,974,775.05
REVENUES:		
Interest Income	16,792.27	
Proceeds from Bonds and Loans	-	
Other	<u>-</u>	
TOTAL MONTHLY REVENUES		\$ 16,792.27
EXPENDITURES:		
Capital Improvement Program	-	
Professional Services	-	
Project Reimbursements	-	
Fund 4430 - Transfer Out Reallocated Expenses	-	
Accruals/Adjustments		
Contracts Retention Payable	-	
Contracts Retention Interest Payable	-	
Accounts Payable	-	
Miscellaneous Accruals/Adjustments	<u>-</u>	
TOTAL MONTHLY EXPENDITURES		\$ <u>-</u>
ENDING CASH BALANCE:		\$ <u><u>9,991,567.32</u></u>

## 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	\$637,957.27	\$92,042.73
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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$745,000.00</b>	<b>\$645,683.94</b>	<b>\$99,316.06</b>

**BOU01D17**

**Hemenway System, Phase IIA Improvements**

**Interlocal Amount \$2,495,000.00**

**Original Funding Date 02/09/2017**

**Expiration Date 02/09/2020**

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	\$2,200,000.00	\$1,915,627.20	\$284,372.80
Const Engineering	\$295,000.00	\$260,416.00	\$34,584.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,495,000.00</b>	<b>\$2,176,043.20</b>	<b>\$318,956.80</b>

**BOU05J10**

**North Railroad Conveyance**

**Interlocal Amount \$530,000.00**

**Original Funding Date 02/11/2010**

**Expiration Date 06/30/2019**

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	\$515,000.00	\$501,735.55	\$13,264.45
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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$530,000.00</b>	<b>\$509,462.22</b>	<b>\$20,537.78</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**BOU05M18**

**North Railroad Conveyance, Phase II**

**Interlocal Amount \$2,843,962.00**

**Original Funding Date 06/14/2018**

**Expiration Date 06/28/2019**

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	\$2,585,420.00	\$1,225,196.55	\$1,360,223.45
Const Engineering	\$258,542.00	\$57,981.25	\$200,560.75
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,843,962.00</b>	<b>\$1,283,177.80</b>	<b>\$1,560,784.20</b>

**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	\$1,591,417.58	\$286,082.42
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
Other	\$22,000.00	\$17,086.99	\$4,913.01
<b>Total</b>	<b>\$2,980,000.00</b>	<b>\$2,571,624.32</b>	<b>\$408,375.68</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**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	\$0.00	\$500,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$535,000.00</b>	<b>\$0.00</b>	<b>\$535,000.00</b>

**CLA08Q13**

**Duck Creek at Dean Martin**  
**Interlocal Amount \$480,000.00**

**Original Funding Date 09/12/2013**  
**Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$50,500.00	\$42,319.67	\$8,180.33
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$414,000.00	\$360,680.61	\$53,319.39
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,500.00	\$10,865.00	\$4,635.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$480,000.00</b>	<b>\$413,865.28</b>	<b>\$66,134.72</b>

**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	\$20,147.60	\$1,852.40
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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$485,000.00</b>	<b>\$398,261.41</b>	<b>\$86,738.59</b>



## 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	\$22,757.94	\$8,242.06
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,248,000.00	\$856,654.78	\$391,345.22
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$81,000.00	\$33,557.86	\$47,442.14
Other	\$10,000.00	\$0.00	\$10,000.00
<b>Total</b>	<b>\$1,370,000.00</b>	<b>\$912,970.58</b>	<b>\$457,029.42</b>

**CLA08W16**

**Duck Creek at Dean Martin**

**Interlocal Amount \$3,787,357.00**

**Original Funding Date 10/13/2016**

**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	\$3,472,857.00	\$2,751,559.14	\$721,297.86
Const Engineering	\$314,500.00	\$307,410.62	\$7,089.38
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,787,357.00</b>	<b>\$3,058,969.76</b>	<b>\$728,387.24</b>

**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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$46,000.00</b>	<b>\$27,746.42</b>	<b>\$18,253.58</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**CLA10H13**

**Airport Channel - Naples**

**Interlocal Amount \$1,150,000.00**

**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	\$1,101,000.00	\$415,569.68	\$685,430.32
Construction	\$0.00	\$19,791.53	(\$19,791.53)
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$47,000.00	\$17,450.61	\$29,549.39
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,150,000.00</b>	<b>\$453,899.82</b>	<b>\$696,100.18</b>

**CLA10I19**

**Wagon Trail Chnl, Sunset Rd to Teco Avenue**

**Interlocal Amount \$318,800.00**

**Original Funding Date 04/11/2019**

**Expiration Date 06/30/2024**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$173,600.00	\$0.00	\$173,600.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$130,200.00	\$0.00	\$130,200.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$318,800.00</b>	<b>\$0.00</b>	<b>\$318,800.00</b>

**CLA15D12**

**LVW Sloan-Bonanza, Flam W below Nellis**

**Interlocal Amount \$6,122,000.00**

**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	\$9,552.24	\$12,447.76
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$5,246,000.00	\$4,688,491.91	\$557,508.09
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$220,000.00	\$95,019.74	\$124,980.26
Other	\$634,000.00	\$548,802.03	\$85,197.97
<b>Total</b>	<b>\$6,122,000.00</b>	<b>\$5,341,865.92</b>	<b>\$780,134.08</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**CLA16019**

**Blue Diamond Wash, Arville Street to I-15**

**Interlocal Amount \$435,000.00**

**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	\$400,000.00	\$0.00	\$400,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$435,000.00</b>	<b>\$0.00</b>	<b>\$435,000.00</b>

**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	\$815,947.95	\$257,052.05
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$251,900.00	\$172,595.02	\$79,304.98
Other	\$26,800.00	\$20,081.83	\$6,718.17
<b>Total</b>	<b>\$1,799,700.00</b>	<b>\$1,390,748.36</b>	<b>\$408,951.64</b>

**CLA27C08**

**Flamingo Diversion - Rainbow Branch**

**Interlocal Amount \$1,030,000.00**

**Original Funding Date 08/14/2008**

**Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$33,000.00	\$17,297.58	\$15,702.42
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$897,000.00	\$882,810.01	\$14,189.99
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$8,791.09	\$1,208.91
Other	\$90,000.00	\$71,702.65	\$18,297.35
<b>Total</b>	<b>\$1,030,000.00</b>	<b>\$980,601.33</b>	<b>\$49,398.67</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**CLA28D18**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,391,000.00	\$0.00	\$3,391,000.00
Const Engineering	\$374,000.00	\$0.00	\$374,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,765,000.00</b>	<b>\$0.00</b>	<b>\$3,765,000.00</b>

**CLA36A18**

**Jim McGaughey DB, Collection Basin and Outfall**  
**Interlocal Amount \$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	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$382,870.00	\$0.00	\$382,870.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$382,870.00</b>	<b>\$0.00</b>	<b>\$382,870.00</b>

**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	\$0.00	\$400,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$453,000.00</b>	<b>\$0.00</b>	<b>\$453,000.00</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**CLD19A17**

**Katie Avenue Storm Drain - Local Drainage  
Improvements**

**Interlocal Amount \$767,277.50**

**Original Funding Date 07/13/2017**

**Expiration Date 06/30/2019**

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	\$767,277.50	\$724,665.88	\$42,611.62
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$767,277.50</b>	<b>\$724,665.88</b>	<b>\$42,611.62</b>

**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	\$39,928.04	\$1,071.96
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$656,000.00	\$620,496.24	\$35,503.76
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
Other	\$4,000.00	\$0.00	\$4,000.00
<b>Total</b>	<b>\$880,000.00</b>	<b>\$836,722.91</b>	<b>\$43,277.09</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**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	\$50,397.24	\$7,102.76
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$25,400.00	\$19,668.97	\$5,731.03
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$500.00	\$0.00	\$500.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$83,400.00</b>	<b>\$70,066.21</b>	<b>\$13,333.79</b>

**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	\$340,184.28	\$51,315.72
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$125,500.00	\$77,079.72	\$48,420.28
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$528,500.00</b>	<b>\$421,190.29</b>	<b>\$107,309.71</b>

**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	\$1,839,359.75	\$608,640.25
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$132,500.00	\$130,581.84	\$1,918.16
Other	\$109,300.00	\$108,590.00	\$710.00
<b>Total</b>	<b>\$13,501,000.00</b>	<b>\$12,889,061.98</b>	<b>\$611,938.02</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**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	\$958,949.92	\$5,740.43
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$76,904.51	\$76,904.51	\$0.00
Other	\$145,430.00	\$118,310.00	\$27,120.00
<b>Total</b>	<b>\$1,753,000.00</b>	<b>\$1,720,139.57</b>	<b>\$32,860.43</b>

**MOA01H15**

**Muddy River Logandale Levee**  
**Interlocal Amount \$8,500,000.00**

**Original Funding Date 01/08/2015**  
**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	\$7,900,000.00	\$7,825,914.65	\$74,085.35
Const Engineering	\$600,000.00	\$376,582.18	\$223,417.82
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$8,500,000.00</b>	<b>\$8,202,496.83</b>	<b>\$297,503.17</b>

**MOA03A11**

**Fairgrounds Detention Basin**  
**Interlocal Amount \$964,000.00**

**Original Funding Date 02/10/2011**  
**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$74,500.00	\$23,485.05	\$51,014.95
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$700,000.00	\$611,975.18	\$88,024.82
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$172,500.00	\$146,365.41	\$26,134.59
Other	\$17,000.00	\$0.00	\$17,000.00
<b>Total</b>	<b>\$964,000.00</b>	<b>\$781,825.64</b>	<b>\$182,174.36</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

SEA03A09

Searchlight - South, Encinitas St Storm Drain

Interlocal Amount \$138,000.00

Original Funding Date 08/13/2009

Expiration Date 06/30/2019

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$500.00	\$0.00	\$500.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$137,000.00	\$31,272.42	\$105,727.58
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$500.00	\$0.00	\$500.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$138,000.00</b>	<b>\$31,272.42</b>	<b>\$106,727.58</b>

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	\$31,534.70	\$168,465.30
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,530,000.00</b>	<b>\$1,914,574.21</b>	<b>\$615,425.79</b>



## 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
Other	\$9,413,131.96	\$9,363,742.46	\$49,389.50
<b>Total</b>	<b>\$36,259,348.00</b>	<b>\$35,882,514.85</b>	<b>\$376,833.15</b>

**ENTITY: Henderson**

**HEN05E09**

**Pittman, Horizon Ridge Detention Basin**

**Interlocal Amount \$792,285.00**

**Original Funding Date 12/10/2009**

**Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$49,003.78	\$49,003.78	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$654,803.05	\$611,766.40	\$43,036.65
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$88,478.17	\$88,478.17	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$792,285.00</b>	<b>\$749,248.35</b>	<b>\$43,036.65</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**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	\$0.00	\$54,164.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$674,750.00	\$10,549.41	\$664,200.59
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,164.00	\$0.00	\$126,164.00
Other	\$79,471.00	\$0.00	\$79,471.00
<b>Total</b>	<b>\$934,549.00</b>	<b>\$10,549.41</b>	<b>\$923,999.59</b>

**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	\$1,672,971.42	\$1,547,611.62	\$125,359.80
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$400,224.90	\$400,224.90	\$0.00
Other	\$82,517.00	\$49,131.32	\$33,385.68
<b>Total</b>	<b>\$2,264,514.00</b>	<b>\$2,105,768.52</b>	<b>\$158,745.48</b>

**HEN16F17**

**Pittman North Detention Basin & Outfall, Phase III**

**Interlocal Amount \$25,700,000.00**

**Original Funding Date 07/13/2017**

**Expiration Date 12/30/2019**

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	\$13,822,210.51	\$10,677,789.49
Const Engineering	\$1,200,000.00	\$494,357.87	\$705,642.13
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$25,700,000.00</b>	<b>\$14,316,568.38</b>	<b>\$11,383,431.62</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**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 12/30/2019**

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	\$1,021,533.72	\$41,976.28
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,073,510.00</b>	<b>\$1,023,326.59</b>	<b>\$50,183.41</b>

**LAS16O13**

**Rancho Rd System-Elkhorn, Fort Apache to Grand  
Canyon  
Interlocal Amount \$2,358,400.00**

**Original Funding Date 12/12/2013  
Expiration Date 01/01/2020**

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	\$2,174,100.00	\$2,028,395.77	\$145,704.23
Const Engineering	\$184,300.00	\$160,227.76	\$24,072.24
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,358,400.00</b>	<b>\$2,188,623.53</b>	<b>\$169,776.47</b>

## 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	\$599,054.88	\$50,945.12
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$654,000.00</b>	<b>\$599,054.88</b>	<b>\$54,945.12</b>

#### LAS16Q18

Rancho Road System-Elkhorn, Grand Canyon to Hualapai

Interlocal Amount \$5,185,760.00

Original Funding Date 03/08/2018

Expiration Date 01/31/2020

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	\$4,676,189.00	\$0.00	\$4,676,189.00
Const Engineering	\$509,571.00	\$36,785.77	\$472,785.23
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,185,760.00</b>	<b>\$36,785.77</b>	<b>\$5,148,974.23</b>

#### 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	\$436,365.16	\$93,999.84
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$533,365.00</b>	<b>\$436,365.16</b>	<b>\$96,999.84</b>

## 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 12/31/2019**

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	\$4,316,960.10	\$283,039.90
Const Engineering	\$300,700.00	\$211,121.02	\$89,578.98
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$4,900,700.00</b>	<b>\$4,528,081.12</b>	<b>\$372,618.88</b>

**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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,070,687.00</b>	<b>\$818,649.59</b>	<b>\$252,037.41</b>

**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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$13,900,000.00</b>	<b>\$12,609,882.75</b>	<b>\$1,290,117.25</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS23G15**

**Centennial Parkway Channel West-US95, CC215 to Durango**

**Interlocal Amount \$1,261,471.00**

**Original Funding Date 07/09/2015**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$4,000.00	\$0.00	\$4,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,253,471.00	\$1,031,354.57	\$222,116.43
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$4,000.00	\$0.00	\$4,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,261,471.00</b>	<b>\$1,031,354.57</b>	<b>\$230,116.43</b>

**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	\$591,844.30	\$389,386.70
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$985,231.00</b>	<b>\$591,844.30</b>	<b>\$393,386.70</b>

**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 06/30/2020**

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	\$23,825,221.00	\$11,618,144.98	\$12,207,076.02
Const Engineering	\$2,600,000.00	\$12,717.50	\$2,587,282.50
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$26,425,221.00</b>	<b>\$11,630,862.48</b>	<b>\$14,794,358.52</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS24H13**

**Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd**

**Interlocal Amount \$992,000.00**

**Original Funding Date 07/11/2013**

**Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$30,000.00	\$6,219.61	\$23,780.39
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$960,000.00	\$947,482.15	\$12,517.85
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$992,000.00</b>	<b>\$953,701.76</b>	<b>\$38,298.24</b>

**LAS24I15**

**Gowan Box Canyon - Lone Mountain Road**

**Interlocal Amount \$704,000.00**

**Original Funding Date 07/09/2015**

**Expiration Date 06/30/2019**

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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$704,000.00</b>	<b>\$423,742.73</b>	<b>\$280,257.27</b>

**LAS24J15**

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

**Interlocal Amount \$785,478.00**

**Original Funding Date 07/09/2015**

**Expiration Date 06/30/2019**

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	\$741,304.12	\$40,173.88
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$785,478.00</b>	<b>\$741,304.12</b>	<b>\$44,173.88</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS24K17**

**Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd**

**Interlocal Amount \$9,232,062.00**

**Original Funding Date 05/18/2017**

**Expiration Date 04/30/2020**

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	\$8,179,100.00	\$7,412,660.15	\$766,439.85
Const Engineering	\$1,052,962.00	\$759,051.00	\$293,911.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$9,232,062.00</b>	<b>\$8,171,711.15</b>	<b>\$1,060,350.85</b>

**LAS24L17**

**Gowan North-El Capitan Branch, Ann Rd to Centennial Pkwy**

**Interlocal Amount \$861,670.00**

**Original Funding Date 08/10/2017**

**Expiration Date 06/30/2020**

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	\$857,670.00	\$3,904.73	\$853,765.27
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$861,670.00</b>	<b>\$3,904.73</b>	<b>\$857,765.27</b>

**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	\$3,834,792.73	\$4,865,707.27
Const Engineering	\$930,100.00	\$376,485.33	\$553,614.67
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$9,630,600.00</b>	<b>\$4,211,278.06</b>	<b>\$5,419,321.94</b>



## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS25B13**

**Cedar Avenue Channel Improvements**  
**Interlocal Amount \$831,489.00**

**Original Funding Date 07/11/2013**  
**Expiration Date 06/30/2019**

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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$831,489.00</b>	<b>\$689,566.15</b>	<b>\$141,922.85</b>

**LAS28C12**

**Las Vegas Wash - Sloan Channel to Cedar Avenue**  
**Interlocal Amount \$110,000.00**

**Original Funding Date 06/14/2012**  
**Expiration Date 06/30/2019**

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	\$87,913.48	\$22,086.52
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$110,000.00</b>	<b>\$87,913.48</b>	<b>\$22,086.52</b>

**LAS29B15**

**Flamingo-Boulder HWY N-Boulder HWY Sahara to Charleston**  
**Interlocal Amount \$1,726,003.00**

**Original Funding Date 12/10/2015**  
**Expiration Date 12/31/2019**

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	\$1,427,398.89	\$245,604.11
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$19,000.00	\$0.00	\$19,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,726,003.00</b>	<b>\$1,427,398.89</b>	<b>\$298,604.11</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS29C16**

**Flamingo-Bldr Hwy, N Charleston-Maryland Pkwy System**

**Interlocal Amount \$2,488,829.00**

**Original Funding Date 09/08/2016**

**Expiration Date 06/30/2019**

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	\$2,478,829.00	\$1,252,017.04	\$1,226,811.96
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,488,829.00</b>	<b>\$1,252,017.04</b>	<b>\$1,236,811.96</b>

**LAS29D17**

**Flamingo-Boulder Hwy North, Charleston, Main to Maryland**

**Interlocal Amount \$1,529,674.00**

**Original Funding Date 08/10/2017**

**Expiration Date 06/30/2020**

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	\$1,525,674.00	\$4,557.79	\$1,521,116.21
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,529,674.00</b>	<b>\$4,557.79</b>	<b>\$1,525,116.21</b>

**LAS29E18**

**Flamingo - Boulder Hwy North - Boulder Hwy, Sahara to Charleston**

**Interlocal Amount \$26,115,786.00**

**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	\$24,407,277.00	\$0.00	\$24,407,277.00
Const Engineering	\$1,708,509.00	\$382.16	\$1,708,126.84
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$26,115,786.00</b>	<b>\$382.16</b>	<b>\$26,115,403.84</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LAS30A13**

Gowan-Alexander Rd., Rancho Drive to Decatur  
Boulevard

Interlocal Amount \$711,938.00

Original Funding Date 07/11/2013

Expiration Date 06/30/2019

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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$711,938.00</b>	<b>\$260,779.40</b>	<b>\$451,158.60</b>

**LAS31A17**

LVW-Moccasin, Skye Canyon Park to Upper LVW  
Interlocal Amount \$60,000.00

Original Funding Date 12/14/2017

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	\$60,000.00	\$12,625.41	\$47,374.59
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$60,000.00</b>	<b>\$12,625.41</b>	<b>\$47,374.59</b>

**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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$15,393,582.00</b>	<b>\$0.00</b>	<b>\$15,393,582.00</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

**LLD10B13**

**Buckskin Avenue Storm Drain**

**Interlocal Amount \$1,200,000.00**

**Original Funding Date 07/11/2013**

**Expiration Date 12/30/2019**

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

**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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,201,965.00</b>	<b>\$0.00</b>	<b>\$1,201,965.00</b>

**ENTITY: Mesquite**

**MES01E17**

**Town Wash-Mesa Boulevard, El Dorado to Town Wash**

**Interlocal Amount \$416,516.00**

**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	\$391,516.00	\$290,417.00	\$101,099.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$25,000.00	\$0.00	\$25,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$416,516.00</b>	<b>\$290,417.00</b>	<b>\$126,099.00</b>

## 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	\$182,887.72	\$703,172.28
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$157,630.00	\$0.00	\$157,630.00
Other	\$163,255.00	\$0.00	\$163,255.00
<b>Total</b>	<b>\$1,433,903.00</b>	<b>\$390,165.72</b>	<b>\$1,043,737.28</b>

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	\$54,770.67	\$602,201.33
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,040,000.00	\$1,659,017.57	\$380,982.43
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,706,972.00</b>	<b>\$1,713,788.24</b>	<b>\$993,183.76</b>

## 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	\$16,680.92	\$233,319.08
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$821,889.00	\$469,979.88	\$351,909.12
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,081,889.00</b>	<b>\$486,660.80</b>	<b>\$595,228.20</b>

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	\$29,913.94	\$477,211.06
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,069,725.00	\$484,609.89	\$585,115.11
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,586,850.00</b>	<b>\$514,523.83</b>	<b>\$1,072,326.17</b>

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	\$4,092,817.08	\$8,197,182.92
Const Engineering	\$819,000.00	\$90,843.67	\$728,156.33
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$13,109,000.00</b>	<b>\$4,183,660.75</b>	<b>\$8,925,339.25</b>

## 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	\$2,340,864.27	\$129,135.73
Const Engineering	\$198,000.00	\$82,779.68	\$115,220.32
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,668,000.00</b>	<b>\$2,423,643.95</b>	<b>\$244,356.05</b>

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	\$668,459.31	\$1,252,696.69
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,931,156.00</b>	<b>\$668,459.31</b>	<b>\$1,262,696.69</b>

NLV09E11

Vandenberg North Detention Basin & Outfall

Interlocal Amount \$1,413,000.00

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	\$44,921.24	\$19,752.53
Pre-Design	\$123,326.23	\$123,326.23	\$0.00
Design	\$1,220,000.00	\$939,631.60	\$280,368.40
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,413,000.00</b>	<b>\$1,107,879.07</b>	<b>\$305,120.93</b>

## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

NLV09I13

Beltway Detention Basin and Channel

Interlocal Amount \$1,334,000.00

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	\$230,492.11	\$169,507.89
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$924,000.00	\$803,135.71	\$120,864.29
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
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,334,000.00</b>	<b>\$1,034,813.51</b>	<b>\$299,186.49</b>

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	\$10,310.80	\$248,777.20
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$456,991.00	\$374,207.69	\$82,783.31
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$726,079.00</b>	<b>\$384,518.49</b>	<b>\$341,560.51</b>

NLV17D18

Fifth St Collector, Centennial Pkwy to Deer Spgs Way

Interlocal Amount \$5,124,000.00

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	\$4,658,000.00	\$0.00	\$4,658,000.00
Const Engineering	\$466,000.00	\$0.00	\$466,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,124,000.00</b>	<b>\$0.00</b>	<b>\$5,124,000.00</b>



## Current Project Expense Summary

### PAY-AS-YOU-GO FUNDED PROJECTS

NLV18B07

Brooks Channel

Interlocal Amount \$595,749.00

Original Funding Date 09/13/2007

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$10,000.00	\$9,616.85	\$383.15
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$545,839.00	\$544,842.91	\$996.09
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$24,910.00	\$24,752.87	\$157.13
Other	\$15,000.00	\$8,250.00	\$6,750.00
<b>Total</b>	<b>\$595,749.00</b>	<b>\$587,462.63</b>	<b>\$8,286.37</b>

NLV18F13

Central Freeway Channel At Cheyenne

Interlocal Amount \$772,549.00

Original Funding Date 12/12/2013

Expiration Date 06/30/2019

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$270.36	\$4,729.64
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$767,549.00	\$691,762.23	\$75,786.77
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$772,549.00</b>	<b>\$692,032.59</b>	<b>\$80,516.41</b>

### Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$42,441,998.41	\$39,725,443.32	\$2,716,555.09
Pre-Design	\$331,604.23	\$330,604.23	\$1,000.00
Design	\$51,002,754.82	\$35,198,208.43	\$15,804,546.39
Construction	\$172,715,431.50	\$78,365,457.67	\$94,349,973.83
Const Engineering	\$14,118,241.00	\$3,315,741.64	\$10,802,499.36
Environmental	\$2,690,711.58	\$1,794,172.74	\$896,538.84
Other	\$10,871,904.96	\$10,305,697.28	\$566,207.68
<b>Total</b>	<b>\$294,172,646.50</b>	<b>\$169,035,325.31</b>	<b>\$125,137,321.19</b>
Construction Projects = 22      Design / Other Projects = 55			

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**ENTITY: Clark County**

**CLA04W16**

**Flamingo Wash, Eastern Avenue  
Interlocal Amount \$1,420,000.00**

**Original Funding Date 05/19/2016  
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	\$1,315,000.00	\$1,235,320.14	\$79,679.86
Const Engineering	\$105,000.00	\$14,274.25	\$90,725.75
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,420,000.00</b>	<b>\$1,249,594.39</b>	<b>\$170,405.61</b>

**CLA08T14**

**Duck Creek, Las Vegas Boulevard  
Interlocal Amount \$7,400,000.00**

**Original Funding Date 09/11/2014  
Expiration Date 06/30/2019**

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	\$6,700,000.00	\$6,339,394.37	\$360,605.63
Const Engineering	\$700,000.00	\$638,828.35	\$61,171.65
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,400,000.00</b>	<b>\$6,978,222.72</b>	<b>\$421,777.28</b>

**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	\$6,839,474.91	\$592,525.09
Environmental	\$0.00	\$0.00	\$0.00
Other	\$2,800,000.00	\$577,526.22	\$2,222,473.78
<b>Total</b>	<b>\$84,184,000.00</b>	<b>\$79,352,128.00</b>	<b>\$4,831,872.00</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**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	\$0.00	\$2,065,000.00
Const Engineering	\$185,000.00	\$0.00	\$185,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,250,000.00</b>	<b>\$0.00</b>	<b>\$2,250,000.00</b>

**ENTITY: Henderson**

**HEN05G16**

**Horizon Ridge Detention Basin**

**Interlocal Amount \$7,506,000.00**

**Original Funding Date 04/14/2016**

**Expiration Date 06/30/2019**

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	\$6,950,000.00	\$5,632,754.94	\$1,317,245.06
Const Engineering	\$556,000.00	\$281,870.49	\$274,129.51
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,506,000.00</b>	<b>\$5,914,625.43</b>	<b>\$1,591,374.57</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

ENTITY: Las Vegas

LAS14D14

Freeway Channel-Washington, MLK to Rancho Drive

Original Funding Date 02/13/2014

Interlocal Amount \$11,555,343.00

Expiration Date 12/31/2019

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	\$9,319,159.41	\$1,181,183.59
Const Engineering	\$1,055,000.00	\$921,250.71	\$133,749.29
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$11,555,343.00</b>	<b>\$10,240,410.12</b>	<b>\$1,314,932.88</b>

### 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	\$101,482,343.00	\$94,461,755.73	\$7,020,587.27
Const Engineering	\$10,033,000.00	\$8,695,698.71	\$1,337,301.29
Environmental	\$0.00	\$0.00	\$0.00
Other	\$2,800,000.00	\$577,526.22	\$2,222,473.78
<b>Total</b>	<b>\$114,315,343.00</b>	<b>\$103,734,980.66</b>	<b>\$10,580,362.34</b>
Construction Projects = 6      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	\$42,441,998.41	\$39,725,443.32	\$2,716,555.09
Pre-Design	\$331,604.23	\$330,604.23	\$1,000.00
Design	\$51,002,754.82	\$35,198,208.43	\$15,804,546.39
Construction	\$274,197,774.50	\$172,827,213.40	\$101,370,561.10
Const Engineering	\$24,151,241.00	\$12,011,440.35	\$12,139,800.65
Environmental	\$2,690,711.58	\$1,794,172.74	\$896,538.84
Other	\$13,671,904.96	\$10,883,223.50	\$2,788,681.46
<b>Total</b>	<b>\$408,487,989.50</b>	<b>\$272,770,305.97</b>	<b>\$135,717,683.53</b>
Construction Projects = 28      Design / Other Projects = 55			

### Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$42,441,998.41	\$39,725,443.32	\$2,716,555.09
Pre-Design	\$331,604.23	\$330,604.23	\$1,000.00
Design	\$51,002,754.82	\$35,198,208.43	\$15,804,546.39
Construction	\$172,715,431.50	\$78,365,457.67	\$94,349,973.83
Const Engineering	\$14,118,241.00	\$3,315,741.64	\$10,802,499.36
Environmental	\$2,690,711.58	\$1,794,172.74	\$896,538.84
Other	\$10,871,904.96	\$10,305,697.28	\$566,207.68
<b>Total</b>	<b>\$294,172,646.50</b>	<b>\$169,035,325.31</b>	<b>\$125,137,321.19</b>
Construction Projects = 22      Design / Other Projects = 55			

### 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	\$101,482,343.00	\$94,461,755.73	\$7,020,587.27
Const Engineering	\$10,033,000.00	\$8,695,698.71	\$1,337,301.29
Environmental	\$0.00	\$0.00	\$0.00
Other	\$2,800,000.00	\$577,526.22	\$2,222,473.78
<b>Total</b>	<b>\$114,315,343.00</b>	<b>\$103,734,980.66</b>	<b>\$10,580,362.34</b>
Construction Projects = 6      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	Open	\$530,000.00
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	Open	\$2,843,962.00
BOU06A99	Ville Drive Flood Control Facilities	Closed	\$144,261.08
BOU06B01	Ville Drive Flood Control Facilities	Closed	\$747,314.67
			<b>\$26,208,041.08</b>

**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	Open	\$480,000.00
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	Open	\$3,787,357.00
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	\$7,081,097.58
CLA10H13	Airport Channel - Naples	Open	\$1,150,000.00
CLA10I19	Wagon Trail Chnl, Sunset Rd to Teco Avenue	Open	\$318,800.00
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**

<b>PROJECT</b>	<b>NAME</b>	<b>STATUS</b>	<b>TOTAL</b>
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	\$689.01
CLA13A97	Lakes Detention Basin, Collection System, & Outfall	Closed	\$531,803.87
CLA13B98	Lakes Detention Basin Collection System & Outfall	Closed	\$788,631.74
CLA13C98	Lakes DB Collection System	Closed	\$783,619.03
CLA14A97	Duck Creek (Hollywood to Stephanie Street)	Closed	\$138,962.97
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephaine St)--ROWA	Closed	\$375,552.00
CLA14C99	Duck Creek, Sunset Road to Eastern Ave	Closed	\$560,650.99
CLA14D99	Duck Creek, Hollywood Blvd to Stephanie Street	Closed	\$1,651,449.79
CLA14E99	Duck Creek, Stephanie St to Green Valley PKWY	Closed	\$321,054.87
CLA14F00	Duck Creek, Emerald Avenue to Stephanie St	Closed	\$5,987,176.80
CLA14G00	Duck Creek at Robindale Road	Closed	\$1,066,974.02
CLA14H00	Duck Creek, Tomiyasu Lane to Topaz St	Closed	\$3,548,160.77
CLA14I02	Duck Creek, US 95 Branch	Closed	\$1,107,637.45
CLA14L02	Duck Creek, Phase II and Lower Pittman	Closed	\$13,651,024.74
CLA14R04	Duck Creek, Mountain Vista Street to Green Valley PKWY	Closed	\$707,824.31
CLA14S07	Duck Creek, Eldorado Lane to Spencer Street	Closed	\$6,139,169.42
CLA14U09	Duck Creek, Robindale to I-215	Closed	\$23,516.83
CLA14V10	Duck Creek, Mtn. Vista to Green Valley Parkway	Closed	\$8,976,052.51
CLA15B99	Colorado Avenue Storm Drain System	Closed	(\$41,517.92)
CLA15C09	Las Vegas Wash, Sloan Lane to Stewart Ave	Closed	\$193,555.23
CLA15D12	LVW Sloan-Bonanza, Flam W below Nellis	Open	\$6,122,000.00
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	\$435,000.00
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	Open	\$1,030,000.00
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	\$382,870.00
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	Open	\$767,277.50
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>\$238,613,368.21</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
MOA01G11	Muddy River, Cooper Street Bridge	Closed	\$15,793,908.74
MOA01H15	Muddy River Logandale Levee	Open	\$8,500,000.00

4/8/2019 - payas443

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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	\$964,000.00
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
SEA03A09	Searchlight - South, Encinitas St Storm Drain	Open	\$138,000.00
SEA03B17	Searchlight-South, Encinitas St. Storm Drain	Open	\$2,530,000.00
			<b>\$75,207,369.94</b>

**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
			<b>\$51,763,857.84</b>

**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	Open	\$792,285.00
HEN06A93	Equestrian Drive Detention Basin	Closed	\$388,624.49
HEN06B95	Equestrian Detention Basin	Closed	\$6,128,895.08
HEN06C02	Equestrian Detention Basin Outfall	Closed	\$681,288.27
HEN06D05	C-1 Equestrian Tributary	Closed	\$227,591.57
HEN06F08	C-1 Equestrian Tributary	Closed	\$2,711,795.15
HEN06G08	Equestrian Detention Basin Outfall - Heritage Channel	Closed	\$4,200,444.03

**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>
HEN06H09	Equestrian Detention Basin Expansion	Closed	\$335,247.64
HEN06IO9	Equestrian Tributary Phase II	Closed	\$405,636.14
HEN07A96	Pittman Park Detention Basin	Closed	\$1,546,249.59
HEN07B09	Pittman Wash, UPRR to Santiago	Closed	\$843,016.21
HEN07D09	Whitney Wash Channel	Closed	\$130,264.67
HEN07E11	Pittman Wash, UPRR to Santiago	Closed	\$8,796,470.83
HEN07F18	Whitney Ranch Channel Replacement Project	Open	\$934,549.00
HEN08A96	Railroad East Detention Basin	Closed	\$6,416,341.47
HEN08B08	Pittman Railroad East Conveyance	Closed	\$444,380.89
HEN08C08	Pittman Railroad East Conveyance	Closed	\$8,518,517.91
HEN09A99	Pittman East Detention Basin (collapse with HEN09A97)	Closed	\$119,918.19
HEN09B00	Pittman Eastern Detention Basin	Closed	\$6,099,436.41
HEN09D09	Pittman Seven Hills Park Channel	Closed	\$0.00
HEN10B99	South Pittman Detention Basin	Closed	\$3,202,101.72
HEN12A99	Gibson Channel at Sunset Road	Closed	\$40,125.00
HEN12B01	Gibson Channel Culvert at Sunset Road	Closed	\$364,211.76
HEN12C02	Gibson Conveyance System	Closed	\$237,718.78
HEN12F05	Pittman Gibson, Warm Springs Road to Kelso Dunes Avenue	Closed	\$10,000.00
HEN12GO6	Pittman Wash - Burns	Closed	\$4,251,084.08
HEN12H09	Pittman Burns, Sunset to Galleria	Closed	\$770,231.86
HEN12I09	Pittman, West Horizon - Palm Hills	Closed	\$249,028.80
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
HLD15A06	Blackridge Road Storm Drain System	Closed	\$529,071.04
			<b>\$147,396,744.95</b>

**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

4/8/2019 - payas443

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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 Bl System	Closed	\$631,418.63
LAS04C91	Oakey Bl System/Decatur Bl Crossing	Closed	\$35,000.00
LAS04E94	Oakey Conveyance Phase II	Closed	\$1,083,848.86
LAS05A87	Meadows Detention Basin	Closed	\$120,000.00
LAS05B87	Meadows Detention Basin	Closed	\$3,432,123.00
LAS05C00	Meadows Detention Basin Expansion (Resol 00-2)	Closed	\$150,000.00
LAS05D01	Meadows Detention Basin Expansion (Resol 01-3)	Closed	\$3,422,258.00
LAS05H08	Alta Parallel System	Closed	\$8,165,350.58
LAS05I08	Oakey-Meadows Storm Drain, Phase I	Closed	\$12,686,286.59
LAS05J10	Oakey Meadows Storm Drain-Phase II	Closed	\$9,822,984.14
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
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

4/8/2019 - payas443

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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
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

**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>
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	Open	\$2,358,400.00
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 Wash/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
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
LAS23C08	Horse Drive Interchange	Closed	\$5,392,419.91
LAS23D13	Centennial Parkway Channel West - US95 Crossing	Closed	\$1,411,812.73

**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>
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	Open	\$992,000.00
LAS24I15	Gowan Box Canyon - Lone Mountain Road	Open	\$704,000.00
LAS24J15	Gowan North - El Capitan Branch, Lone Mountain to Ann Road	Open	\$785,478.00
LAS24K17	Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd	Open	\$9,232,062.00
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	\$2,488,829.00
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	\$26,115,786.00
LAS30A13	Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard	Open	\$711,938.00
LAS31A17	LVW-Moccasin, Skye Canyon Park to Upper LVW	Open	\$60,000.00
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

4/8/2019 - payas443

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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
			<b>\$385,374,810.95</b>

**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	\$416,516.00
MES02A00	Abbott Wash Channel, I-15 to Virgin River	Closed	\$632,380.00
MES04A15	Virgin River Flood Wall	Open	\$1,433,903.00
			<b>\$4,130,065.36</b>

**North Las Vegas**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLD14A15	Oak Island Drive Storm Drain	Closed	\$0.00
NLV01A87	Las Vegas Wash/I-15 to Pecos (Facility Study)	Closed	\$304,000.00
NLV01B87	Las Vegas Wash/Craig-Civic Center (King Charles)	Closed	\$2,415,411.73
NLV01C00	Upper Las Vegas Wash	Closed	\$2,590,459.93
NLV01E07	Tropical Parkway Channel East	Closed	\$1,161,535.61
NLV01G11	Ann Road Channel East, ULVW to Fifth Street	Closed	\$960,970.98
NLV01H13	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$302,073.21
NLV01J15	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$3,044,495.91
NLV02A87	W. Trib Las Vegas Wash/Craig -Alexander	Closed	\$1,268,170.85
NLV02B88	W. Trib Las Vegas Wash/Craig Ranch Golf Course-Craig	Closed	\$1,057,430.33
NLV03A88	West Range Wash Detention Basin (Facility Study)	Closed	\$273,068.12
NLV03B88	East Range Wash Detention Basin (Facility Study)	Closed	\$30,000.00
NLV03C91	West Range Wash Diversion Dike	Closed	\$339,338.71
NLV03E13	Hollywood System, Dunes South DB to Centennial Parkway	Open	\$2,706,972.00
NLV03F17	Range Wash - Ann Branch	Open	\$1,081,889.00
NLV03G17	Hollywood System, Centennial Pkwy-Speedway #2 DB	Open	\$1,586,850.00
NLV03H17	Hollywood System, Dunes S DB to Centennial Pkwy-Phase I	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



**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>
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	\$1,413,000.00
NLV09F13	Beltway Detention Basin and Channel	Closed	\$0.00
NLV09G13	Centennial Collector	Closed	\$50,086.74
NLV09I13	Beltway Detention Basin and Channel	Open	\$1,334,000.00
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
NLV11A97	W. Trib Las Vegas Wash (Camino Al Norte to Ann Rd)	Closed	\$1,494,634.14
NLV11B97	W. Trib Las Vegas Wash, Ph II (Ann Rd to Centennial PKWY)	Closed	\$2,154,439.86
NLV12A97	Clayton Channel- WTLVW >Centennial PKWY> Allen Ln	Closed	\$40,408.90
NLV13A98	Tributary to the Western Tributary @ Craig Rd	Closed	\$801,419.92
NLV13B02	Tributary to the Western Tributary at Craig Road	Closed	\$5,443,730.21
NLV14A00	Tributary to the Western Tributary @ Alexander Rd	Closed	\$735,930.14
NLV15A00	Las Vegas Wash - Losee Project	Closed	\$87,613.81
NLV16A00	Simmons Street Channel	Closed	\$1,013,785.70
NLV17A00	Centennial Parkway Channel East	Closed	\$2,486,927.42
NLV17B08	Centennial Parkway Channel East	Closed	\$19,334,832.52
NLV17C16	Fifth Street Collector, Centennial Pkwy to Deer Springs Way	Open	\$726,079.00
NLV17D18	Fifth St Collector, Centennial Pkwy to Deer Spgs Way	Open	\$5,124,000.00

**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>
NLV18A07	Colton Channel	Closed	\$1,175,047.77
NLV18B07	Brooks Channel	Open	\$595,749.00
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	Open	\$772,549.00
NLV18H14	Brooks Channel	Closed	\$4,689,970.93
NLV18I16	Central Freeway Channel at Cheyenne	Closed	\$9,663,354.07
			<u>\$185,791,391.02</u>
		<b>Grand Total</b>	<b><u>\$1,114,485,649.35</u></b>

**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
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
			<b>\$7,005,067.43</b>

**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	Open	\$1,420,000.00
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	Open	\$7,400,000.00
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
CLA15F16	Las Vegas Wash - Water Reclamation Channel	Closed	\$3,400,000.00

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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
			<b>\$260,872,250.01</b>

**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
			<b>\$8,678,516.42</b>

**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	Open	\$7,506,000.00
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 1	Closed	\$1,522,849.50
HEN23B16	Center Street Storm Drain	Closed	\$8,266,384.95
HLD06A15	Appaloosa Storm Drain, Local Drainage Project	Closed	\$925,332.15
			<b>\$74,958,624.06</b>

**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
			<b>\$228,961,120.49</b>

**Mesquite**

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

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

**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
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
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>\$173,544,255.97</u>
	<b>Grand Total</b>		<u><u>\$775,704,819.18</u></u>

**FY 2018-19 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 #
<b>HENDERSON (Southeast Las Vegas Valley)</b>							
Anthem Parkway Channel - Horizon Ridge to Sienna Heights		Construction	0 00	933,046 00			
Anthem Pkwy Channel, Horizon Ridge to Sienna Heights - Closeout	HEN22A09	Design	(85,251.23)	0 00	(85,251.23)	3/14/2019	8
Whitney Wash Channel Replacement Project	HEN07F18	Design	448,800 00	0 00	448,800 00	8/9/2018	12
Whitney Wash Channel Replacement Project - 1st Supplemental	HEN07F18	Design	485,749.00	0 00	485,749 00	3/14/2019	12a
Whitney Wash Channel		Construction	0.00	7,810,235 00			
Pittman North DB & Outfall, Phase II - Starr Avenue Closeout	HEN16E15	Construction	(135,184.69)	0 00	(135,184.69)	8/9/2018	7
Pittman North Detention Basin and Outfall-15th Supplemental	HEN16A01	Design	83,000 00	0 00	83,000 00	1/10/2019	11
Center Street Storm Drain - Closeout	HEN23A09	Design	(20,159.25)	0 00	(20,159.25)	2/14/2019	9
Equestrian Detention Basin Expansion - Closeout	HEN06H09	Design	(11,549.36)	0 00	(11,549.36)	2/14/2019	9
Center Street Storm Drain - Closeout	HEN23B16	Construction	(1,465,050.20)	0 00	(1,465,050.20)	2/14/2019	9
		<b>Henderson Total</b>	<b>(\$699,645.73)</b>	<b>\$8,743,281.00</b>	<b>(\$699,645.73)</b>		
<b>HENDERSON 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$8,043,635.27</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$11,788,651.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$12,488,296.73</b>				

<b>LAS VEGAS (Central Las Vegas Valley)</b>							
Flamingo - Boulder Highway North, Charleston - Main to Maryland Parkway		Construction	0 00	4,916,089 00			
Flamingo - Boulder Highway North - Boulder Hwy., Sahara to Charleston	LAS29E18	Construction	0 00	26,115,786 00	26,115,786.00	10/11/2018	17b
Flamingo - Boulder Highway North - Boulder Hwy., Sahara to Charleston - 1st Supplemental	LAS29E18	Construction	4,548,353.00	0 00	4,548,353.00	5/23/2019	
Flamingo - Boulder Hwy. North, Charleston - Boulder Hwy. to Maryland Parkway and Maryland Pkwy System		Construction	0 00	25,732,897.00			
Gowan North - Buffalo Branch, Lone Mtn. to Washburn Rd. - Closeout	LAS24H13	Design	(38,298.24)	0 00	(38,298.24)	5/23/2019	
Gowan Outfall - Alexander Rd., Decatur Blvd to Simmons Street		Construction	0 00	32,001,616 00			
Gowan Outfall - El Capitan Branch, Ann Road to Centennial		Construction	0 00	8,491,068 00			
LVW - Moccasin, Skye Canyon Park to Upper LVW	LAS31B18	Construction	0 00	15,393,582 00	15,393,582 00	11/8/2018	16b
Freeway Channel - Washington, MLK to Rancho Drive - 5th Supplemental	LAS14D14	Construction	50,000 00	0 00	50,000 00	12/13/2018	16b
Freeway Channel - Washington, MLK to Rancho Drive - 6th Supplemental	LAS14D14	Construction	100,000 00	0 00	100,000 00	3/14/2019	12c
Simmons Street Drainage Improvements - Carey to Craig - Amended Closeout	NLV04F07	Design	6,455.00	0 00	6,455 00	9/13/2018	7
Rancho Road System - Elkhorn, Grand Canyon to Hualapai - 1st Supplemental	LAS16Q18	Construction	60,000.00	0 00	60,000 00	3/14/2019	12d
Rancho Road System - Elkhorn, Grand Canyon to Hualapai - 2nd Supplemental		Design	100,000 00	0 00	100,000 00	8/9/2018	13
		<b>Las Vegas Total</b>	<b>\$4,826,509.76</b>	<b>\$112,651,038.00</b>	<b>\$46,335,877.76</b>		
<b>LAS VEGAS 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$117,477,547.76</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$127,209,468.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$80,873,590.24</b>				

<b>NORTH LAS VEGAS (Northern Las Vegas Valley)</b>							
Fifth Street Collector - Centennial Parkway to Deer Springs Way	NLV17D18	Construction	0 00	5,124,000 00	5,124,000 00	9/13/2018	15b
Fifth Street Collector - Centennial Parkway to Deer Springs Way - 1st Supplemental	NLV17D18	Construction	292,000.00	0 00	292,000.00	5/23/2019	
Orchard Collector - Charleston to Linden		Construction	3,210,000 00	0 00			
Owens Detention Basin and Outfall		ROW	0 00	595,440 00			
Range Wash - Alto Conveyance, Confluence DB to Los Feliz		Design	323,490.00	0 00			
Range Wash - Alto Conveyance, Confluence DB to Los Feliz		ROW	0 00	465,825 00			
Vandenberg North Detention Basin & Outfall - 6th Supplemental	NLV09E11	Design	145,000 00	0 00	145,000 00	12/13/2018	16a
Vandenberg North Detention Basin, Collection & Outfall, Phase I	CLA28D18	Construction	0 00	3,765,000 00	3,765,000 00	12/13/2018	17b
Brooks Channel - Closeout	NLV18H14	Construction	(36,029.07)	0 00	(36,029.07)	12/13/2018	8
Central Freeway Channel at Cheyenne - Closeout	NLV18I16	Construction	(1,636,645.93)	0 00	(1,636,645.93)	12/13/2018	8
Vandenberg North Detention Basin, Collection & Outfall		Construction	0 00	20,993,255 00			
Hollywood System, Dunes South Detention Basin to Centennial Parkway - Phase I - 1st Supplemental	NLV03H17	Construction	(1,360,000 00)	0 00	(1,360,000 00)	11/8/2018	15a
Hollywood System, Phase II, Nellis Air Force Base Reach	NLV03J19	Construction	19,610,000.00	0 00	19,610,000.00	5/23/2019	
Range Wash - Ann Branch, Phase 2		Construction	0 00	9,998,188.00			
Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin - 2nd Supplemental	NLV03G17	Design	689,380 00	0 00	689,380 00	10/11/2018	16
Las Vegas Wash - "N" Channel, Cheyenne to Gowan - Closeout	NLV01H13	Design	(15,916.79)	0 00	(15,916.79)	1/10/2019	8
Beltway Detention Basin, Collection and Outfall	NLV09J19	Construction	0 00	16,192,926.00	16,192,926.00	5/23/2019	
		<b>North Las Vegas Total</b>	<b>\$21,221,278.21</b>	<b>\$57,134,634.00</b>	<b>\$42,769,714.21</b>		
<b>NORTH LAS VEGAS 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$78,355,912.21</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$82,890,222.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$40,120,507.79</b>				

<b>CLARK COUNTY (Southwest Las Vegas Valley and Outlying Areas)</b>							
Airport Channel - Naples		Construction	9,549,217 00	0 00			
Flamingo Wash - Industrial Road to Hotel Rio Drive		Construction	1,400,000 00	0 00			
Wagon Trail Channel, Sunset Road to Teco Avenue	CLA10I19	Design	145,200 00	0 00	145,200.00	4/11/2019	11a
Wagon Trail Channel, Sunset Road to Teco Avenue	CLA10I19	ROW	173,600 00	0 00	173,600.00	4/11/2019	11a
Wagon Trail Channel - Sunset to Teco		Construction	0 00	1,769,508 00			
Flamingo Wash, Maryland Parkway to Palos Verdes Street	CLA04Y19	Design	535,000.00	0 00	535,000 00	4/11/2019	11b
Flamingo Wash, Maryland to Palos Verde		Construction	0 00	2,706,430 00			



**FY 2018-19 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 #
<b>CLARK COUNTY (Southwest Las Vegas Valley and Outlying Areas) - CONTINUED</b>							
Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy.		Design	670,000.00	0.00			
Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy.		Construction	0.00	18,925,790.00			
Blue Diamond Wash, Arville Street to I-15	CLA16O19	Design	435,000.00	0.00	435,000.00	4/11/2019	11d
Blue Diamond Wash - Arville to I-15		Construction	0.00	5,060,784.00			
Duck Creek/Blue Diamond, Bermuda Road to Las Vegas Blvd	CLA39A19	Design	435,000.00	0.00	435,000.00	4/11/2019	11d
Duck Creek/Blue Diamond, Bermuda Road to Las Vegas Blvd	CLA39A19	ROW	18,000.00	0.00	18,000.00	4/11/2019	11d
Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.		Construction	0.00	5,248,061.00			
Duck Creek Jones Boulevard		Construction	2,243,302.00	0.00			
Silverado Ranch Detention Basin and Outfall Facilities		Construction	0.00	23,554,540.00			
Blue Diamond Channel 02, Decatur - Le Baron to Richmar		Construction	3,500,000.00	0.00			
Blue Diamond Wash Railroad		ROW	352,286.00	0.00			
<i>Duck Creek at Dean Martin - Closeout</i>	<i>CLA08W16</i>	<i>Construction</i>	<i>(728,387.24)</i>	<i>0.00</i>	<i>(728,387.24)</i>	<i>5/23/2019</i>	
<i>Duck Creek at Dean Martin - Closeout</i>	<i>CLA08Q13</i>	<i>Design</i>	<i>(66,134.72)</i>	<i>0.00</i>	<i>(66,134.72)</i>	<i>5/23/2019</i>	
Duck Creek Wash Tributary 4 - Detention Basin to Jones		Design	379,757.00	0.00			
Duck Creek Wash Tributary 4 - Detention Basin to Jones		Construction	0.00	5,315,718.00			
Duck Creek, Sunset Park		Design	1,020,882.00	0.00			
Duck Creek Wash, Torrey Pines to Rainbow		Construction	600,000.00	0.00			
Duck Creek Haven Street		Construction	4,146,462.00	0.00			
Las Vegas Wash - Water Reclamation Channel - Closeout	CLA15F16	Construction	0.00	0.00	0.00	2/14/2019	9
Tropicana Wash at Swenson Street - Amended Closeout	CLA10G12	Construction	(2,042.55)	0.00	(2,042.55)	10/11/2018	07b
Tropicana Wash at Swenson Street - Amended Closeout	CLA10G12	Construction	(657.94)	0.00	(657.94)	2/14/2019	10
Red Rock Channel, Naples Branch - Amended Closeout	CLA19D03	Construction	(231.56)	0.00	(231.56)	10/11/2018	07a
Flamingo Diversion - Rainbow Branch - Amended Closeout	CLA27D13	Construction	(24,376.40)	0.00	(24,376.40)	10/11/2018	07c
SR 163 at Casino Drive - 5th Supplemental	LAU04A08	Design	55,000.00	0.00	55,000.00	3/14/2019	12b
SR 163 at Casino Drive - 1st Supplemental	LAU04B17	Construction	848,000.00	0.00	848,000.00	10/11/2018	15
SR 163 at Casino Drive - 2nd Supplemental	LAU04B17	Construction	250,000.00	0.00	250,000.00	3/14/2019	13a
Goodsprings - Phase I		ROW	68,939.00	0.00			
Goodsprings - Phase I		Construction	0.00	919,494.00			
Fairgrounds - Detention Basin (Whipple Street)		Construction	10,405,257.00	0.00			
<b>Clark County Total</b>			<b>\$36,409,071.59</b>	<b>\$63,498,325.00</b>	<b>\$2,072,969.59</b>		
<b>CLARK COUNTY 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$99,907,396.59</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$120,790,934.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$118,717,964.41</b>			

<b>CITY OF MESQUITE</b>							
Town Wash - Mesa Boulevard, El Dorado to Town Wash		Construction	0.00	5,142,665.00			
Town Wash - Mesa Boulevard, El Dorado to Town Wash - 1st Supplemental	MES01E17	Design	50,000.00	0.00	50,000.00	7/12/2018	11
Town Wash - Mesa Boulevard, El Dorado to Town Wash - 2nd Supplemental	MES01E17	Design	26,213.00	0.00	26,213.00	9/13/2018	13
Virgin River Flood Wall		Construction	0.00	8,560,000.00			
<b>City of Mesquite Total</b>			<b>\$76,213.00</b>	<b>\$13,702,665.00</b>	<b>\$76,213.00</b>		
<b>MESQUITE 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$13,778,878.00</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$10,395,893.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$10,319,680.00</b>			

<b>BOULDER CITY</b>							
Hemenway System, Phase IIB Improvements		Construction	0.00	729,416.00			
<b>Boulder City Total</b>			<b>\$0.00</b>	<b>\$729,416.00</b>	<b>\$0.00</b>		
<b>BOULDER CITY 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$729,416.00</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$4,776,677.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$4,776,677.00</b>			

<b>SUMMARY</b>	
<b>TOTAL 3-YEAR PROJECTS PROGRAMMED<sup>(2)</sup></b>	<b>\$318,292,785.83</b>
<b>TOTAL ESTIMATED RESOURCES (Year-1)</b>	<b>\$76,622,748.00</b>
<b>TOTAL REMAINING DESIGN PROJECTS (Year-1)</b>	<b>\$2,394,129.00</b>
<b>TOTAL PROJECTS FUNDED (Year-1)</b>	<b>\$90,555,128.83</b>
<b>CURRENT AVAILABLE CONSTRUCTION RESOURCES (Year-1)</b>	<b>(\$16,326,509.83)</b>

<b>LOCAL DRAINAGE (5)</b>							
Luning Drive Storm Drain	LLD19A18	Construction	1,201,965.00	0.00	1,201,965.00	7/12/2018	12
Appaloosa Storm Drain - Closeout	HLD06A15	Construction	(502.20)	0.00	(502.20)	2/14/2019	9
Oak Island Drive Storm Drain - Closeout	NLD14A15	Construction	(497,750.00)	0.00	(497,750.00)	3/14/2019	8
<b>Local Drainage Total</b>			<b>\$703,712.80</b>	<b>\$0.00</b>	<b>\$703,712.80</b>		

**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)		
<b>FISCAL YEAR 2018-19</b>							
May-19	ESTIMATED REMAINING FISCAL YEAR CIP RESOURCES				\$132,837,655		
	Duck Creek at Dean Martin - Closeout	CLA08W16	-\$728,387		\$133,566,042		
	Duck Creek at Dean Martin - Closeout	CLA08Q13	-\$66,135		\$133,632,177		
	Gowan North - Buffalo Branch, Lone Mtn. to Washburn Rd. - Closeout	LAS24H13	-\$38,298		\$133,670,475		
	Beltway Detention Basin, Collection and Outfall	NLV09J19	\$18,192,926		\$117,477,549		
	Fifth Street Collector - Centennial Parkway to Deer Springs Way - 1st Supplemental	NLV17D18	\$292,000		\$117,185,549		
	Flamingo - Boulder Highway North - Boulder Hwy., Sahara to Charleston - 1st Supplemental	LAS29E18	\$4,548,353		\$112,637,196		
	Hollywood System, Phase II, Nellis Air Force Base Reach	NLV03J19	\$19,610,000		\$93,027,196		
	No Projects Awaiting Funding		\$ -				

Notes: (1) Estimated CIP resources are from the FY2018-19 Ten-Year Construction Program and may be adjusted for current economic conditions

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

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

**FISCAL IMPACT:** None.


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

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Duck Creek at Dean Martin (construction)	CLA08W16	Item #06 Closeout	\$ 0.00	(\$ 728,387.24)
Duck Creek at Dean Martin (design)	CLA08Q13	Item #06 Closeout	\$ 0.00	(\$ 66,134.72)
Gowan North-Buffalo Branch, Lone Mtn. to Washburn Rd. (design)	LAS24H13	Item #06 Closeout	\$ 0.00	(\$ 38,298.24)
Fifth Street Collector, Centennial Parkway to Deer Springs Way	NLV17D18	Item #13a 1 <sup>st</sup> Supplemental	\$ 0.00	\$ 292,000.00

TAC AGENDA ITEM #05 Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM #05 Date: 04/29/19	

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Flamingo – Boulder Highway North – Boulder Hwy, Sahara to Charleston	LAS29E18	Item #14a 1 <sup>st</sup> Supplemental	\$ 0.00	\$ 4,548,353.00
Hollywood System, Phase II, Nellis Air Force Base Reach	NLV03J19	Item #16b Original	\$15,361,413.00	\$19,610,000.00

Respectfully submitted,

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

TAC AGENDA ITEM #05 Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM #05 Date: 04/29/19	

042519 TYCP Amend-item

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	Date: 04/15/19
TEN YEAR CONSTRUCTION PROGRAM AMENDMENTS	
<p>In accordance with Policies and Procedures Section II.B.9 general amendments can be processed to address scheduling changes and/or the need for additional funding. This agenda item addresses requested changes in funding, positive and negative, associated with this agenda as they impact the Ten-Year Construction Program (TYCP). Also included are TYCP amendment requests from the City of Las Vegas and City of North Las Vegas.</p>	
<b>Staff Recommendation:</b>  Approve.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #05 Date: 04/25/19
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #05 Date: 04/29/19
<b>Recommendation:</b>	

EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 23, 2019

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023						
					(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21				
					Annual Resources	Annual Resources	Annual Resources				
Unencumbered from previous year	\$27,073,778			\$913,426,313	\$49,548,970	\$237,862,133	\$43,366,964				
Cumulative Available Resources				\$867,755,450	\$14,789,322	\$45,989,358	\$30,941,628				
ENTITY RESOURCES				Annual Resources	Annual Resources	Annual Resources	Annual Resources	Funding Requests 18/19			
Unencumbered from previous year	(\$788,895)			\$345,726,730	\$13,558,137	\$5,766,194	\$8,865,428	Board Date	Amount	Amendment?	Project No.
Cumulative Available Resources				\$334,652,923	\$4,826,510	\$99,835,420	\$13,682,110				
<b>ENTITY TOTAL</b>											
<b>HYDROGRAPHIC BASIN: CENTRAL</b>											
SYSTEM: LV Wash I-15 Tributary		\$403,721,788	\$385,155,042	\$207,552,510	\$4,698,353	\$51,848,683	\$4,916,089		\$30,814,139		
PROJECT: Freeway Channel - Washington, Valley View to Decatur											
	Design/Admin		\$727,252								
	Right-of-way	LV15 0602	\$581,802	\$9,646,626							
	Construction		\$5,199,850								
PROJECT: Freeway Channel - Washington, Rancho to Valley View											
	Design/Admin		\$765,329					10/11/2018		Moved	
	Right-of-way	LV15 0528	\$612,263	\$9,588,414							
	Construction		\$5,472,102					10/11/2018		Moved	
PROJECT: Freeway Channel - Washington, MLK to Rancho											
	5th Supplement		Design Started 11/12	\$1,007,949				12/13/2018	\$50,000	YES	LAS14D14
	6th Supplement	LV15 0424, 0472 & 0474			\$150,000			3/14/2019	\$100,000	YES	LAS14D14
	Design/Admin		LAS14C11	\$806,359							
	Right-of-way			\$7,206,834							
	Construction										
SYSTEM: LV Wash Central		\$285,079,544	\$133,972,846	\$70,436,273	\$0	\$0	\$0		\$0		
PROJECT: Las Vegas Wash - Stewart to Bonanza											
	Design/Admin		Design Started 11/12	\$582,295				5/23/2019		Moved	
	Right-of-way	LVMD 1121 & 1149	CLA15D12 / LAS26C12	\$465,836	\$6,397,297						
	Construction			\$4,163,416				5/23/2019		Moved	
PROJECT: Meadows - Charleston, Essex to Lindell											
	Design/Admin			\$881,492							
	Right-of-way	MECN 0000, 0061		\$705,194	\$11,021,348						
	Construction			\$6,302,669							
PROJECT: Meadows - Charleston, Lindell to Rainbow											
	Design/Admin			\$1,176,062							
	Right-of-way	MECN 0123, 0223		\$940,848	\$14,734,289						
	Construction			\$8,408,837							
PROJECT: Cedar Avenue Channel Improvements											
	Design/Admin		Design Started 13/14	\$877,918							
	Design/Admin	CACN 0001 & 0035, CNST 0000	LAS25B13	\$702,335	\$9,384,178						
	Construction			\$6,277,116							
PROJECT: Owens Avenue East - LV Wash to Mojave											
	Design/Admin			\$1,541,300				10/11/2018		Moved	
	Right-of-way	LVOE 0000		\$1,233,040	\$19,310,162						
	Construction			\$11,020,297							
PROJECT: Owens Avenue East - Mojave to Eastern											
	Design/Admin			\$766,974							
	Right-of-way	LVOE 0085		\$613,579	\$9,809,019						
	Construction			\$5,483,661							

EXHIBIT C

**CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 23, 2019**

Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023			Board Date	Amount	Amendment?	Project No.			
				(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21							
<b>TOTAL PLAN</b>				Annual Resources	\$913,426,313	\$49,548,970	\$237,862,133	\$43,366,964					
Unencumbered from previous year				Cumulative Available Resources	\$867,755,450	\$14,789,322	\$45,989,358	\$30,941,628					
<b>ENTITY RESOURCES</b>				Annual Resources	\$345,726,730	\$18,384,847	\$92,043,477	\$16,781,344					
Unencumbered from previous year				Cumulative Available Resources	\$13,558,137	\$5,766,194	\$8,865,428						
<b>ENTITY TOTAL</b>					\$957,137,971	\$684,948,614	\$334,652,923	\$4,826,510	\$99,835,420	\$13,682,110	\$46,335,878		
<b>SYSTEM: Sahara Boulder Highway</b>					\$9,165,396	\$174,027,284	\$117,731,197	\$4,548,353	\$51,848,683	\$4,916,089	\$30,664,139		
<b>PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy.</b>													
	Design/Admin		Design Started 09/10	\$1,584,691									
	Right-of-way	BHSA 0000, 0026	LAS27A09	\$1,267,753									
	Construction			\$11,330,541									
<b>PROJECT: Sahara Avenue - Eastern Lateral</b>													
	Design/Admin			\$301,160									
	Right-of-way	SAEA 0000		\$240,828									
	Construction			\$2,153,296									
<b>PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern</b>													
	Design/Admin			\$1,451,440									
	Right-of-way	BHSA 0075		\$1,161,152									
	Construction			\$10,377,798									
<b>PROJECT: Boulder Highway Sahara Avenue - LV Blvd. to Maryland</b>													
	Design/Admin			\$2,062,012						10/11/2018		Moved	
	Right-of-way	BHSA 0175		\$1,849,610									
	Construction			\$14,743,385									
<b>PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland</b>													
	Design/Admin		design start in 17/18	\$474,725							\$260,455		
	Right-of-way	FLBN 0281, 0312	LAS29D17	\$379,780									
	Construction			\$3,394,278							\$4,655,634		
<b>PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston</b>													
	Design/Admin		Design started in 15/16	\$1,954,412						10/11/2018	\$1,708,509	YES	LAS29E18
	Right-of-way		LAS29B15	\$1,563,530							\$24,407,277	YES	LAS29E18
	Construction	FLBN 0038, 0056, 0063, 0187	Engr's Est.	\$13,974,050								YES	LAS29E18
	1st Supplement							\$126,097		5/23/2019	\$126,097	YES	LAS29E18
	1st Supplement							\$4,422,256		5/23/2019	\$4,422,256	YES	LAS29E18
<b>PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System</b>													
	Design/Admin	FLBN 0170, 0180, 0205, 0275 and FLMP 0000, 0013, 0042, 0068	Design started in 16/17	\$1,863,218							\$992,471		
	Right-of-way		LAS29C16	\$1,490,575									
	Construction			\$13,322,013							\$24,740,425		
<b>PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb</b>													
	Design/Admin			\$1,094,511						10/11/2018		Moved	
	Right-of-way	LV82 0000		\$875,609									
	Construction			\$7,825,754									

EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 23, 2019

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2023			Board Date	Amount	Amendment?	Project No.		
					(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21						
Annual Resources					\$913,426,313	\$49,548,970	\$237,862,133	\$43,366,964					
Cumulative Available Resources					\$867,755,450	\$14,789,322	\$45,969,358	\$30,841,626					
Annual Resources					\$345,726,730	\$18,384,647	\$92,043,477	\$16,781,344					
Cumulative Available Resources						\$13,558,137	\$5,766,194	\$8,865,428					
Unencumbered from previous year					\$27,073,778								
Unencumbered from previous year					(\$788,895)								
<b>ENTITY TOTAL</b>					<b>\$957,137,971</b>	<b>\$684,948,614</b>	<b>\$334,652,923</b>	<b>\$4,826,510</b>	<b>\$99,835,420</b>	<b>\$13,682,110</b>	<b>\$46,335,878</b>		
<b>HYDROGRAPHIC BASIN: GOWAN</b>					<b>\$293,217,265</b>	<b>\$158,747,407</b>	<b>\$102,834,448</b>	<b>(\$31,843)</b>	<b>\$32,593,156</b>	<b>\$8,766,021</b>	<b>(\$31,843)</b>		
<b>SYSTEM: Gowan North</b>					<b>\$166,668,680</b>	<b>\$158,433,211</b>	<b>\$102,834,448</b>	<b>(\$31,843)</b>	<b>\$32,593,156</b>	<b>\$8,766,021</b>	<b>(\$31,843)</b>		
<b>PROJECT: Simmons Street Drainage Improvements</b>													
Amend CLOSEOUT Design/Admin								\$6,455		9/13/2018	\$6,455	YES	NLV04F07
Right-of-way Construction					\$6,455								
<b>PROJECT: Gowan Box Canyon - Lone Mountain Road</b>													
Design/Admin						Design started in 15/16	\$544,616			10/11/2018		Moved	
Right-of-way Construction					GOBX 0015	LAS24H15	\$435,693						
Construction							\$3,894,007			10/11/2018		Moved	
<b>PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street</b>													
Design/Admin						Design started 16/17	\$2,944,788	\$1,568,585					
Right-of-way Construction					GOOF 0275, 0285	NLV04K17	\$2,355,830						
Construction							\$22,853,410	\$30,433,031					
<b>PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road</b>													
Design/Admin						Design started in 15/16	\$1,052,891						
Right-of-way Construction					GOEC 0000 thru 0076	LAS24J15	\$842,313						
Construction							\$7,528,174						
<b>PROJECT: Gowan Outfall - Clayton Branch</b>													
Design/Admin							\$1,340,021						
Right-of-way Construction					GOCL 0000		\$1,072,016						
Construction							\$9,581,151						
<b>PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial</b>													
Design/Admin						Design Started in 17/18	\$819,943	\$0	\$449,857	5/23/2019		Moved	
Right-of-way Construction					GOEC 0100, 0126, 0152, 0176	LAS24L17	\$655,955						
Construction							\$5,862,597	\$0	\$8,041,210	5/23/2019		Moved	
<b>PROJECT: Gowan - Alexander Rd., Rancho to Decatur</b>													
Design/Admin						Design Started in 13/14	\$1,175,463		\$0	5/23/2019		Moved	
Right-of-way Construction					GOAL 0000	LAS30A13	\$940,370						
Construction						Engr's Est.	\$8,404,560		\$0	5/23/2019		Moved	
<b>PROJECT: Gowan - Rancho, Craig to Alexander</b>													
Design/Admin							\$740,352	\$591,540					
Right-of-way Construction					GOAL 0100, 0111		\$592,282						
Construction							\$5,293,519						
<b>PROJECT: Gowan - Alexander Branch</b>													
Design/Admin							\$334,099		\$274,953				
Right-of-way Construction					GOA2 0000		\$267,279						
Construction							\$2,388,808						
<b>PROJECT: Gowan - Craig and US-95</b>													
Design/Admin							\$1,032,239						
Right-of-way Construction					GOAL 0168, 0247		\$825,791						
Construction							\$7,380,512						
<b>PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn</b>													
CLOSEOUT Design/Admin						Design Started in 13/14	\$455,503			5/23/2019	(\$38,298)	YES	LAS24H13
Right-of-way Construction					GOBU 0112, 0136	LAS24H13	\$364,401						
Construction						Engr's Est.	\$3,256,839						
<b>SYSTEM: Gowan South</b>					<b>\$126,548,584</b>	<b>\$314,196</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		
<b>PROJECT:</b>													
Design/Admin													
Right-of-way Construction													
Construction													
<b>PROJECT:</b>													
Design/Admin													
Right-of-way Construction													
Construction													
<b>PROJECT:</b>													
Design/Admin													
Right-of-way Construction													
Construction													



EXHIBIT C

**CITY OF LAS VEGAS**  
**10-YEAR CONSTRUCTION PROGRAM**  
**Amended May 23, 2019**

				FIRST FIVE YEARS 7/2018 THRU 6/2023										
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21							
<b>TOTAL PLAN</b>				Annual Resources	<b>\$913,426,313</b>	\$49,548,970	\$237,862,133	\$43,366,964						
Unencumbered from previous year		\$27,073,778	Cumulative Available Resources		<b>\$867,755,450</b>	\$14,789,322	\$45,989,358	\$30,941,628						
<b>ENTITY RESOURCES</b>				Annual Resources	<b>\$345,726,730</b>	\$18,384,647	\$92,043,477	\$16,781,344						
Unencumbered from previous year		(\$788,895)	Cumulative Available Resources			\$13,558,137	\$5,766,194	\$8,865,428						
<b>ENTITY TOTAL</b>					<b>\$957,137,971</b>	<b>\$684,948,614</b>	<b>\$334,652,923</b>	<b>\$4,826,510</b>	<b>\$99,835,420</b>	<b>\$13,682,110</b>	Board Date	Amount	Amendment?	Project No.
<b>HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH</b>					<b>\$260,198,919</b>	<b>\$141,046,165</b>	<b>\$24,265,965</b>	<b>\$160,000</b>	<b>\$15,393,582</b>	<b>\$0</b>		<b>\$15,553,582</b>		
<b>SYSTEM: Ann Road</b>					<b>\$71,879,876</b>	<b>\$13,931,771</b>	<b>\$160,000</b>	<b>\$160,000</b>	<b>\$0</b>	<b>\$0</b>		<b>\$160,000</b>		
<b>PROJECT: Rancho Road System - Eikhorn, Grand Canyon to Hualapai</b>														
2nd Supplement		Design/Admin	Design Started in 15/16	\$430,021		\$100,000			8/9/2018	\$100,000	YES	LAS16P15		
1st Supplement		Design/Admin			\$160,000	\$60,000			3/14/2019	\$60,000	YES	LAS16Q18		
		Right-of-way	LAS16P15	\$344,017										
		Construction		\$3,074,648										
<b>SYSTEM: Upper Western Tributary</b>					<b>\$156,679,079</b>	<b>\$52,571,081</b>	<b>\$8,712,383</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>		
<b>PROJECT: Brent Drainage System - Durango to El Capitan</b>														
		Design/Admin		\$676,524										
		Right-of-way	BRDB 0107, 0157	\$541,220										
		Construction		\$4,837,150										
<b>SYSTEM: Kyle Canyon</b>					<b>\$0</b>	<b>\$74,543,312</b>	<b>\$15,393,582</b>	<b>\$0</b>	<b>\$15,393,582</b>	<b>\$0</b>		<b>\$15,393,582</b>		
<b>PROJECT: LVW - Moccasin, Skye Canyon Park to Upper LVW</b>														
		Design/Admin	Design start in 17/18	\$1,335,162			\$1,007,057		11/8/2018	\$1,007,057	YES	LAS31B18		
		Right-of-way	LAS31A17	\$1,068,130										
		Construction		\$9,546,409			\$14,386,525		11/8/2018	\$14,386,525	YES	LAS31B18		

EXHIBIT C

CITY OF NORTH LAS VEGAS  
 10-YEAR CONSTRUCTION PROGRAM  
 Amended May 23, 2019

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023			Funding Requests 18/19						
					(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21	Board Date	Amount	Amendment?	Project No.			
Annual Resources					\$913,426,313	\$49,548,970	\$237,862,133	\$43,386,964						
Unencumbered from previous year					\$27,073,778									
Cumulative Available Resources					\$867,755,450	\$14,789,322	\$45,989,358	\$30,941,628						
Annual Resources					\$191,420,410	\$28,840,587	\$45,714,905	\$8,334,730						
Unencumbered from previous year					\$19,317,733	\$7,619,309	\$12,392,505	\$4,134,041						
Cumulative Available Resources					\$180,211,725	\$21,221,279	\$40,941,708	\$16,593,194	\$42,769,714					
<b>ENTITY TOTAL</b>					\$488,547,325	\$340,609,220	\$180,211,725	\$21,221,279	\$40,941,708	\$16,593,194				
<b>HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH</b>					\$258,586,054	\$151,646,075	\$33,833,252	(\$1,396,592)	\$5,124,000	\$400,268	\$3,727,408			
<b>SYSTEM: Lower Western Tributary</b>					\$97,913,008	\$17,758,271	(\$1,672,675)	(\$1,672,675)	\$0	\$0	(\$1,672,675)			
<b>PROJECT: Central Freeway Channel at Cheyenne</b>														
Design/Admin					Design Started 13/14	\$619,236								
Design/Admin					NLV18F13									
Right-of-way					NLV18F13	\$495,389								
Construction					NLV18F13	\$4,427,535								
CLOSEOUT														
Construction								(\$1,636,646)			12/13/2018	(\$1,636,646)	YES	NLV18I16
<b>PROJECT: Brooks Channel</b>														
Design/Admin					Design Started 07/08	\$56,498								
Right-of-way														
Construction					NLV18B07	\$45,198								
CLOSEOUT														
Construction								(\$36,029)			12/13/2018	(\$36,029)	YES	NLV18H14
<b>SYSTEM: LV Wash Craig</b>					\$109,468,557	\$40,950,363	\$10,682,161	\$292,000	\$5,124,000	\$400,268	\$5,416,000			
<b>PROJECT: North Las Vegas Detention Basin Upgrade</b>														
Design/Admin						\$486,372				\$400,268				
Right-of-way						\$389,097								
Construction						\$3,051,982								
<b>PROJECT: Fifth Street Collector - Centennial to Deer Springs</b>														
Design/Admin					Design started 16/17	\$470,561			\$466,000		9/13/2018	\$466,000	YES	NLV17D18
Right-of-way					NLV17C16	\$385,432								
Construction						\$3,444,794			\$4,658,000		9/13/2018	\$4,658,000	YES	NLV17D18
1st Supplement														
Construction								\$292,000			5/23/2019	\$292,000	YES	NLV17D18
<b>PROJECT: Ann Road Channel East - ULWV to Fifth Street</b>														
Design/Admin					Design Started 11/12									
Right-of-way					NLV01G11	\$359,685								
Construction						\$3,214,683								
<b>PROJECT:</b>														
Design/Admin														
Right-of-way														
Construction														
CLOSEOUT														
Construction								\$0						
<b>SYSTEM: Cheyenne Lamb Nellis</b>					\$51,204,489	\$92,939,441	\$24,823,766	(\$15,917)	\$0	\$0	(\$15,917)			
<b>PROJECT: Lake Mead Drain to Las Vegas Wash</b>														
Design/Admin						\$1,054,874								
Right-of-way					LVLE 0000,0047	\$843,900								
Construction						\$7,542,353								
<b>PROJECT: Las Vegas Boulevard Drain</b>														
Design/Admin						\$865,298								
Right-of-way					LVLV 0000	\$692,237								
Construction						\$6,186,866								
<b>PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan</b>														
CLOSEOUT					Design Started 13/14	\$150,941			(\$15,917)		1/10/2019	(\$15,917)	YES	NLV01H13
Design/Admin					NLV01H13	\$120,753								
Construction					Eng. Est	\$1,078,232								



### EXHIBIT C

**CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 23, 2019**

					FIRST FIVE YEARS 7/2018 THRU 6/2023							
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21				
<b>TOTAL PLAN</b>					<b>\$913,426,313</b>	<b>\$49,548,970</b>	<b>\$237,862,133</b>	<b>\$43,366,964</b>				
Unencumbered from previous year		\$27,073,778				\$14,789,322	\$45,989,358	\$30,941,628				
<b>ENTITY RESOURCES</b>					<b>\$867,755,450</b>	<b>\$37,480,136</b>	<b>\$70,463,847</b>	<b>\$12,846,951</b>	<b>Funding Requests 18/19</b>			
Unencumbered from previous year		\$22,801,839				\$1,071,066	\$16,576,100	\$18,521,272	Board Date	Amount	Amendment?	Project No.
<b>ENTITY TOTAL</b>					<b>\$1,066,286,455</b>	<b>\$547,373,058</b>	<b>\$279,116,654</b>	<b>\$36,409,071</b>	<b>\$54,958,812</b>	<b>\$10,901,779</b>	<b>\$2,072,970</b>	
<b>HYDROGRAPHIC BASIN: Tropicana/ Flamingo</b>			<b>\$693,370,426</b>	<b>\$158,884,827</b>	<b>\$127,981,072</b>	<b>\$12,445,709</b>	<b>\$23,401,728</b>	<b>\$340,000</b>	<b>\$826,492</b>			
<b>SYSTEM: Tropicana Flamingo Project</b>			<b>\$362,797,746</b>	<b>\$19,573,293</b>	<b>\$15,498,031</b>	<b>(\$24,608)</b>	<b>\$0</b>	<b>\$0</b>	<b>(\$24,608)</b>			
<b>PROJECT: Blue Diamond - Buffalo Branch</b>												
	Design/Admin			\$786,575								
	Design/Admin	BDBF 0010, 0076, 0125		\$629,259	\$10,150,229							
	Construction			\$5,624,008								
<b>PROJECT: Red Rock Channel, Naples Branch</b>												
	Design/Admin											
	Right-of-way	RRNA 00000-0097, RRNN 0000-0022, AMEND CLOSEOUT			(\$232)							
	Construction	RRNS 0000-0010				(\$232)			10/11/2018	(\$232)	YES	CLA19D03
<b>PROJECT: Flamingo - Cimarron Branch</b>												
	Design/Admin			\$428,816								
	Right-of-way	FLCM 0003, 0040		\$343,052	\$5,372,410							
	Construction			\$3,066,031								
<b>PROJECT: Flamingo Diversion - Rainbow Branch</b>												
	Design/Admin											
	Design/Admin	FLRB 0050 thru 0062	Design Started 08/09									
	Construction		CLA27C08		(\$24,376)				10/11/2018	(\$24,376)	YES	CLA27D13
	AMEND CLOSEOUT		Eng. Est.			(\$24,376)						
<b>SYSTEM: Flamingo Decatur</b>			<b>\$71,846,977</b>	<b>\$2,669,957</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>			
<b>SYSTEM: Lower Flamingo</b>			<b>\$241,571,216</b>	<b>\$107,037,196</b>	<b>\$58,246,191</b>	<b>\$11,800,317</b>	<b>\$4,475,938</b>	<b>\$0</b>	<b>\$851,100</b>			
<b>PROJECT: Wagon Trail Channel - Sunset to Teco</b>												
	Design/Admin			\$176,000		\$146,200	\$83,749		4/11/2019	\$145,200	YES	CLA10I19
	Right-of-way	WGTR 0111		\$140,800	\$2,088,308	\$173,600			4/11/2019	\$173,600	YES	CLA10I19
	Construction			\$1,258,398			\$1,675,759					
<b>PROJECT: Flamingo Wash, Maryland to Palos Verde</b>												
	Design/Admin			\$269,188		\$535,000	\$143,387		4/11/2019	\$535,000	YES	CLA04Y19
	Right-of-way	FLWA 0621 & 0673		\$215,351	\$3,241,430							
	Construction			\$1,924,694			\$2,563,043					
<b>PROJECT: Las Vegas Wash - Christy</b>												
	Design/Admin			\$1,970,430								
	Right-of-way	LVCH 0000, 0114		\$1,578,344	\$24,738,127							
	Construction			\$14,086,579								
<b>PROJECT: Flamingo Wash Maryland - UNLV</b>												
	Design/Admin			\$590,847								
	Right-of-way	FLMR 0000		\$472,678	\$7,417,897							
	Construction			\$4,224,557								
<b>PROJECT: Airport Channel - Naples</b>												
	Design/Admin		Design Started 13/14	\$328,199		\$184,051						
	Right-of-way	TRMC 0013, 0031, 0033	CLA10H13	\$262,559	\$9,549,217							
	Construction		Eng. Est.	\$2,346,621		\$9,365,166						
<b>PROJECT: Tropicana Wash at Swenson</b>												
	Design/Admin		Design Started 07/08									
	Right-of-way		CLA10D07									
	Construction					(\$2,043)			10/11/2018	(\$2,043)	YES	CLA10G12
	AMEND CLOSEOUT					(\$658)			2/14/2019	(\$658)	YES	CLA10G12
	AMEND CLOSEOUT											
<b>PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos</b>												
	Design/Admin			\$760,512								
	Right-of-way	VAVD 0000 & 0025		\$608,410	\$9,813,912							
	Construction			\$5,437,663								
<b>PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.</b>												
	Design/Admin		Design Started 09/10	\$32,099		\$100,000						
	Right-of-way	FLWA 0893 & 0896	CLA10F10	\$25,679	\$1,400,000							
	Construction		Eng. Est.	\$229,504		\$1,300,000						

EXHIBIT C

**CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 23, 2019**

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023									
					(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21	Board Date	Amount	Amendment?	Project No.			
<b>TOTAL PLAN</b>				<b>\$913,426,313</b>	<b>\$49,548,970</b>	<b>\$237,862,133</b>	<b>\$43,366,964</b>							
Unencumbered from previous year	\$27,073,778			<b>\$867,755,450</b>	\$14,789,322	\$45,989,358	\$30,941,628							
<b>ENTITY RESOURCES</b>				<b>\$288,076,737</b>	\$37,480,136	\$70,463,847	\$12,846,951							
Unencumbered from previous year	\$22,801,839				\$1,071,066	\$16,576,100	\$18,521,272							
<b>ENTITY TOTAL</b>				<b>\$1,066,286,455</b>	<b>\$547,373,058</b>	<b>\$279,116,654</b>	<b>\$279,116,654</b>							
<b>SYSTEM: Lower LV Wash Tributaries</b>				<b>\$17,154,487</b>	<b>\$29,604,381</b>	<b>\$54,236,850</b>	<b>\$670,000</b>	<b>\$18,925,790</b>	<b>\$340,000</b>					
<b>PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista</b>														
Design/Admin			\$421,501											
Right-of-way	LV01 0151		\$357,201	\$5,270,056										
Construction			\$3,013,735											
<b>PROJECT: Las Vegas Wash - Boulder Highway</b>														
Design/Admin			\$1,225,497											
Right-of-way	LVBH 0000		\$980,397	\$1,240,382										
Construction			\$8,762,304											
<b>PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy</b>														
Design/Admin			\$1,006,260				\$670,000	\$725,790						
Right-of-way	LV01 0001, 0038, 0040		\$805,010	\$19,595,790										
Construction	0078, 0080, 0117, 0118		\$7,194,768					\$18,200,000						
Eng. Est from CLA35A11														
<b>PROJECT: Tropicana Avenue Conveyance - Boulder Hwy. to Morris</b>														
Design/Admin			\$268,969							\$340,000				
Right-of-way	LV01 0135		\$215,175	\$9,702,895										
Construction			\$1,923,130											
Eng. Est from CLA35A11														
<b>PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.</b>														
Design/Admin			\$1,415,886											
Right-of-way	LV02 0001 thru 0294		\$1,132,709	\$18,427,727										
Construction			\$9,907,874											
<b>HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond</b>			<b>\$302,474,814</b>	<b>\$201,718,434</b>	<b>\$81,348,765</b>	<b>\$12,336,166</b>	<b>\$30,483,142</b>	<b>\$10,561,779</b>	<b>\$93,478</b>					
<b>SYSTEM: Blue Diamond Tributaries</b>			<b>\$45,918,214</b>	<b>\$47,534,900</b>	<b>\$22,102,669</b>	<b>\$888,000</b>	<b>\$6,643,251</b>	<b>\$5,246,061</b>	<b>\$888,000</b>					
<b>PROJECT: Blue Diamond Wash - Arville to I-15</b>														
Design/Admin			\$503,358			\$435,000	\$268,121			4/11/2019	\$435,000	YES	CLA16019	
Right-of-way	BDWA 0276		\$402,686	\$5,495,784										
Construction			\$3,599,007				\$4,792,663							
<b>PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.</b>														
Design/Admin			\$506,588			\$435,000		\$277,937		4/11/2019	\$435,000	YES	CLA39A19	
Right-of-way	DCBD 0075, 0082 & 0084		\$405,271	\$5,890,081		\$18,000				4/11/2019	\$18,000	YES	CLA39A19	
Construction			\$3,622,105					\$4,968,124						
<b>PROJECT: Blue Diamond Channel, Amigo to Rancho Destino</b>														
Design/Admin			\$848,614				\$678,201							
Right-of-way	BDWA 0087 thru 0174		\$679,051	\$10,907,824			\$904,297							
Construction			\$6,069,022											
<b>SYSTEM: Upper Duck Creek</b>			<b>\$66,782,047</b>	<b>\$74,969,770</b>	<b>\$39,554,582</b>	<b>\$6,475,344</b>	<b>\$23,839,891</b>	<b>\$5,315,718</b>	<b>\$0</b>					
<b>PROJECT: Duck Creek Jones Boulevard</b>														
Design/Admin			\$831,705			\$410,204								
Right-of-way	DCJB 0000, 0043	RTC Project	\$665,364	\$2,243,302										
Construction			\$5,946,690			\$1,833,096								
<b>PROJECT: Silverado Ranch Detention Basin and Outfall Facilities</b>														
Design/Admin			\$1,857,765				\$989,566							
Right-of-way	BD02 0125 thru 0312 & 0359 and 0385	Design Started 13/14	\$1,486,212	\$23,554,540										
Construction		CLA08S13	\$13,190,259				\$22,564,973							
<b>PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar</b>														
Design/Admin			\$430,297			\$500,000								
Right-of-way	BD02 0334, 0356	RTC Project	\$344,239	\$3,500,000										
Construction		No Design	\$3,076,628			\$3,000,000								
<b>PROJECT: Blue Diamond Wash Railroad</b>														
Design/Admin			\$357,137				\$285,351							
Right-of-way	BDW5 0026		\$285,709	\$4,561,265			\$352,286							
Construction			\$2,553,531											
<b>PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones</b>														
Design/Admin			\$513,315			\$379,757		\$281,627						
Right-of-way	DCW4 0288		\$410,652	\$5,895,475										
Construction			\$3,670,199					\$5,034,091						

EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 23, 2019

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023								
					(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21	Board Date	Amount	Amendment?	Project No.		
<b>TOTAL PLAN</b>				<b>\$913,426,313</b>	<b>\$49,548,970</b>	<b>\$237,862,133</b>	<b>\$43,366,964</b>						
Unencumbered from previous year	\$27,073,778												
				<b>Cumulative Available Resources</b>	<b>\$867,755,450</b>	<b>\$14,789,322</b>	<b>\$45,989,358</b>	<b>\$30,941,628</b>					
<b>ENTITY RESOURCES</b>				<b>\$288,076,737</b>	<b>\$37,480,136</b>	<b>\$70,463,847</b>	<b>\$12,846,951</b>						
Unencumbered from previous year	\$22,801,839												
				<b>Cumulative Available Resources</b>	<b>\$1,071,066</b>	<b>\$16,578,100</b>	<b>\$18,521,272</b>						
<b>ENTITY TOTAL</b>		<b>\$1,066,286,455</b>	<b>\$547,373,058</b>	<b>\$279,116,654</b>	<b>\$36,409,071</b>	<b>\$54,958,812</b>	<b>\$10,901,779</b>		<b>\$2,072,970</b>				
<b>SYSTEM: Lower Duck Creek</b>		<b>\$165,125,232</b>	<b>\$22,785,422</b>	<b>\$15,739,574</b>	<b>\$1,020,882</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>				
<b>PROJECT: Duck Creek, Sunset Park</b>													
Design/Admin			\$1,379,919		\$1,020,882								
Design/Admin	DCSP 0000		\$1,103,935	\$15,739,574									
Construction			\$9,866,422										
<b>SYSTEM: Central Duck Creek</b>		<b>\$24,649,321</b>	<b>\$56,428,342</b>	<b>\$3,951,940</b>	<b>\$3,951,940</b>	<b>\$0</b>	<b>\$0</b>		<b>(\$794,522)</b>				
<b>PROJECT: Duck Creek @ Dean Martin</b>													
CLOSEOUT	Design/Admin		\$169,422			(\$66,135)		5/23/2019	(\$66,135)	YES	CLA08Q13		
	Right-of-way	DCWA 1448 & 1447	Design Started 13/14		(\$784,522)								
	Construction		CLA08Q13	\$135,537									
			Eng. Est.	\$1,211,361		(\$728,387)		5/23/2019	(\$728,387)	YES	CLA08W16		
<b>PROJECT: Duck Creek Wash, Torrey Pines to Rainbow</b>													
Design/Admin			Developer Participation	\$387,474									
Right-of-way	DCWA 1775, 1803, 1827			\$309,979	\$600,000								
Construction				\$2,770,438		\$600,000							
<b>PROJECT: Duck Creek Haven Street</b>													
Design/Admin			RTC Project	\$445,410		\$219,680							
Right-of-way	DCHV 0026, 0050, 0057		No Design	\$356,329	\$4,146,462								
Construction				\$3,184,684		\$3,926,782							

EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 23, 2019

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023								
					(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21						
Annual Resources					\$913,426,313	\$49,548,970	\$237,862,133	\$43,366,964					
Unencumbered from previous year					\$27,073,778								
Cumulative Available Resources					\$867,755,450	\$14,789,322	\$45,989,358	\$30,941,628					
ENTITY RESOURCES								Funding Requests 18/19					
Annual Resources					\$288,076,737	\$37,480,136	\$70,463,847	\$12,846,951					
Unencumbered from previous year					\$22,801,839								
Cumulative Available Resources					\$279,116,654	\$1,071,066	\$16,576,100	\$18,521,272	Board Date	Amount	Amendment?	Project No.	
<b>ENTITY TOTAL</b>					<b>\$1,066,286,455</b>	<b>\$547,373,058</b>	<b>\$279,116,654</b>	<b>\$36,409,071</b>	<b>\$54,958,812</b>	<b>\$10,901,779</b>		<b>\$2,072,970</b>	
<b>HYDROGRAPHIC BASIN: Outlying Areas</b>					<b>\$70,441,215</b>	<b>\$186,769,797</b>	<b>\$69,786,816</b>	<b>\$11,627,196</b>	<b>\$1,073,942</b>	<b>\$0</b>		<b>\$1,153,000</b>	
<b>SYSTEM: Goodsprings</b>					<b>\$64,849</b>	<b>\$2,701,170</b>	<b>\$988,433</b>	<b>\$68,939</b>	<b>\$919,494</b>	<b>\$0</b>		<b>\$0</b>	
<b>PROJECT: Goodsprings - Phase I</b>													
	Design/Admin	GSEA 0000	Design Started 09/10	\$91,455		\$0	\$48,715		11/8/2018		Moved		
	Right-of-way	GSPA 0027 & 0029	GSP01B10	\$55,910	\$988,433	\$68,939							
	Construction	GSRV 0019		\$653,904		\$0	\$870,779		11/8/2018		Moved		
<b>SYSTEM: Muddy River &amp; Tributaries</b>					<b>\$25,323,000</b>	<b>\$118,662,000</b>	<b>\$45,633,876</b>	<b>\$10,405,257</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	
<b>PROJECT: Fairgrounds - Detention Basin (Whipple Street)</b>													
	Design/Admin	FGWS 0000, 0075, 0105, 0128, 0164, 0185, 0186	Design Started 10/11	\$1,197,000		\$564,676							
	Right-of-way		MOA03A11	\$0	\$10,405,257								
	Construction			\$8,344,000		\$9,840,580							
<b>PROJECT: Muddy River - Cooper to Yamashita</b>													
	Design/Admin		MOA01B89	\$1,267,000									
	Right-of-way	MRLV 0395 thru 0508		\$1,141,713	\$18,992,927								
	Construction			\$9,261,000									
<b>PROJECT: Bryner Avenue to Lewis</b>													
	Design/Admin		MOA01B89	\$1,395,000									
	Right-of-way	MRLV 0198, 0240, 0268, 0276		\$0	\$18,235,691								
	Construction			\$9,978,000									
<b>SYSTEM: Mount Charleston</b>					<b>\$304,564</b>	<b>\$894,337</b>	<b>\$1,498,459</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	
<b>PROJECT: Rainbow Canyon Boulevard Bridge</b>													
	Design/Admin			\$118,849									
	Right-of-way	MTCH 0001		\$0	\$1,498,459								
	Construction			\$775,488									
<b>SYSTEM: Laughlin</b>					<b>\$33,124,938</b>	<b>\$58,328,851</b>	<b>\$18,882,191</b>	<b>\$1,153,000</b>	<b>\$154,448</b>	<b>\$0</b>		<b>\$1,153,000</b>	
<b>PROJECT: Bridge Canyon Detention Basin</b>													
	Design/Admin			\$1,110,086									
	Right-of-way	LUHS 0415, 0416, 0417		\$0	\$12,413,474								
	Construction			\$6,969,201									
<b>PROJECT: Bridge Canyon Outfall</b>													
	Design/Admin			\$252,575									
	Right-of-way	LUHS 0315, 0316, 0317		\$0	\$3,283,716								
	Construction			\$1,883,212									
<b>PROJECT: Hiko Detention Basin Expansion</b>													
	Design/Admin			\$193,302			\$154,448						
	Right-of-way	LUHS 0244		\$0	\$2,032,000								
	Construction			\$1,212,966									
<b>PROJECT: SR 163 at Casino Drive</b>													
1st Supplement	Design/Admin		Design Started 08/09	\$98,061		\$73,000			10/11/2018	\$73,000	YES	LAU04B17	
2nd Supplement	Design/Admin					\$20,000			3/14/2019	\$20,000	YES	LAU04B17	
5th Supplement	Design/Admin					\$55,000			3/14/2019	\$55,000	YES	LAU04A08	
1st Supplement	Construction	LUBC 0000, 0001, 0006	LAU04A08	\$24,526	\$923,000	\$775,000			10/11/2018	\$775,000	YES	LAU04B17	
2nd Supplement	Construction		Eng. Est.	\$778,378		\$230,000			3/14/2019	\$230,000	YES	LAU04B17	
<b>SYSTEM: Searchlight</b>					<b>\$1,411,509</b>	<b>\$3,224,834</b>	<b>\$2,783,858</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	
<b>PROJECT: Searchlight - West</b>													
	Design/Admin	SRWE 0001 thru 0091		\$222,430									
	Right-of-way			\$0	\$2,783,858								
	Construction			\$1,568,526									

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**  
TEN YEAR CONSTRUCTION PROGRAM AMENDMENT

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

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

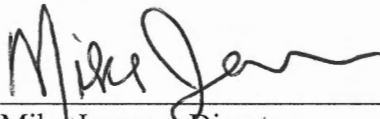
**FISCAL IMPACT:** None by this action.

**BACKGROUND:**

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

1. Las Vegas Wash – Stewart to Bonanza (LVMD 1121 & 1149) – Move Construction from FY21/22 to FY22/23.
2. Gowan Outfall – El Capitan Branch, Ann Road to Centennial (GOEC 0100, 0126, 0152, & 0176) – Move Construction from FY19/20 to FY20/21.
3. Gowan – Alexander Rd, Rancho to Decatur (GOAL 0000 and 0056) – Move Construction from FY20/21 to FY21/22.

Respectfully submitted,



Mike Janssen, Director  
Department of Public Works

TAC AGENDA ITEM # 05 Date: 04/25/2019	RFCD AGENDA ITEM # Date: 05/23/2019
CAC AGENDA ITEM # 05 Date: 04/29/2019	



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**  
TEN YEAR CONSTRUCTION PROGRAM AMENDMENT

**PETITIONER:** DALE DAFFERN, P.E., DIRECTOR OF PUBLIC WORKS  
CITY OF NORTH LAS VEGAS

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


**FISCAL IMPACT:** None by this action.

**BACKGROUND:**

The City of North Las Vegas requests the following changes to the current Ten Year Construction Program:

1. Hollywood System, Centennial Parkway to Speedway #2 Detention Basin – RWHW 0300, 0355, 0369 and 0410; move construction management and construction in Year 2 (FY19/20) to Year 6 (FY23/24).

Respectfully submitted,



Dale Daffern, P.E.  
Director of Public Works

TAC AGENDA ITEM # 05 Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM # 05 Date: 04/29/19	

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>
FINAL ACCOUNTING REPORTS AND PROJECT CLOSEOUTS
<b>PETITIONER:</b>
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
<b>RECOMMENDATION OF PETITIONER:</b>
THAT THE BOARD ACCEPT THE FINAL ACCOUNTING REPORTS AND CLOSE OUT THE INTERLOCAL CONTRACTS (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** \$832,820.20                      Release in Fund 4430 and/or 4440

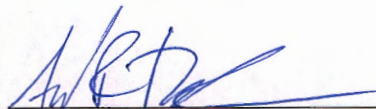
**BACKGROUND:**

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

The final accounting reports have been prepared by the District and approved by the corresponding entities for the following projects:

PROJECT	NUMBER	FUND	BALANCE
Duck Creek at Dean Martin (construction)	CLA08W16	4430.000	\$728,387.24
Duck Creek at Dean Martin (design)	CLA08Q13	4430.000	\$ 66,134.72
Gowan North-Buffalo Branch, Lone Mtn. to Washburn Rd. (design)	LAS24H13	4430.000	\$ 38,298.24
<b>Total Fund 4430 and/or 4440</b>			<b>\$832,820.20</b>

Respectfully submitted,

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

TAC AGENDA ITEM #06 Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM #06 Date: 04/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**FINAL ACCOUNTING REPORTS AND PROJECT CLOSEOUTS**

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

The final accounting reports have been prepared by the District and approved by the corresponding entities for the following projects:

PROJECT	NUMBER	FUND	BALANCE
Duck Creek at Dean Martin (construction)	CLA08W16	4430.000	\$728,387.24
Duck Creek at Dean Martin (design)	CLA08Q13	4430.000	\$ 66,134.72
Gowan North-Buffalo Branch, Lone Mtn. to Washburn Rd. (design)	LAS24H13	4430.000	\$ 38,298.24
<b>Total – Fund 4430 and/or 4440</b>			<b>\$832,820.20</b>

**Staff Recommendation:**

Accept the final accounting reports and close out the interlocal contracts.

**Discussion by Technical Advisory Committee:**

AGENDA  
#06 Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#06 Date: 04/29/19

**Recommendation:**

**Clark County Regional Flood Control District  
Final Accounting Report  
Report Date 3/21/2019**



Project: CLA08W16, Duck Creek at Dean Martin  
Interlocal Value: \$3,787,357.00

Funding Category	Right of Way	Predesign	Design	Construction	Construction Mgt	Environmental	Other
Interlocal Funding Allocation	\$0.00	\$0.00	\$0.00	\$3,472,857.00	\$314,500.00	\$0.00	\$0.00
Amount Spent by Category	\$0.00	\$0.00	\$0.00	\$2,751,559.14	\$307,410.62	\$0.00	\$0.00
Remaining by Category	\$0.00	\$0.00	\$0.00	\$721,297.86	\$7,089.38	\$0.00	\$0.00

<u>Funding / Expenditure Summary</u>	
Interlocal Agreement:	\$3,787,357.00
Minus Amount Spent:	\$3,058,969.76
Amount to be Returned for Future Use:	<u>\$728,387.24</u>

ID Miles: DCWA1446, DCWA1447

Concur:

Accepted and Approved:

  
DATE 3-29-19

\_\_\_\_\_  
DATE

**Project Audit Report**

**Project:** RF.CLA08W16, Duck Creek at Dean Martin

**Status:** Open

**3/21/2019**

**Purchase Order - none**



<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
PUBLIC WORKS/CC TREAS	1519084257	01/23/2019	307,410.62	RF.CLA08W16.2-3 - CENG	2019	CCPW; 1019040965
<b>WBS Total</b>			<b>\$307,410.62</b>			
PUBLIC WORKS/CC TREAS	1518047933	11/02/2017	85,609.71	RF.CLA08W16.3-1F - CONS	2018	Target Construction; 3118035289
PUBLIC WORKS/CC TREAS	1518056336	11/21/2017	1,827,517.21	RF.CLA08W16.3-1F - CONS	2018	Target Construction; 3118043311
PUBLIC WORKS/CC TREAS	1518066417	12/18/2017	379,033.76	RF.CLA08W16.3-1F - CONS	2018	Target Construction; 3118051846
PUBLIC WORKS/CC TREAS	1518086092	02/07/2018	171,748.68	RF.CLA08W16.3-1F - CONS	2018	Target; 3118070039
PUBLIC WORKS/CC TREAS	1518089130	02/14/2018	183,311.72	RF.CLA08W16.3-1F - CONS	2018	Target Construction
PUBLIC WORKS/CC TREAS	1518098105	03/07/2018	99,807.26	RF.CLA08W16.3-1F - CONS	2018	Target; 3118080889
PUBLIC WORKS/CC TREAS	1518119762	04/24/2018	4,530.80	RF.CLA08W16.3-1F - CONS	2018	Target Construction; 3118100573
<b>WBS Total</b>			<b>\$2,751,559.14</b>			
<b>Purchase Order Total</b>			<b>\$3,058,969.76</b>			
<b>Project Expense Total</b>			<b>\$3,058,969.76</b>			

**Clark County Regional Flood Control District  
Final Accounting Report  
Report Date 4/1/2019**



**Project:** CLA08Q13, Duck Creek at Dean Martin  
**Interlocal Value:** \$480,000.00

<b>Funding Category</b>	<b>Right of Way</b>	<b>Pre-design</b>	<b>Design</b>	<b>Construction</b>	<b>Construction Mgt</b>	<b>Environmental</b>	<b>Other</b>
<b>Interlocal Funding Allocation</b>	\$50,500.00	\$0.00	\$414,000.00	\$0.00	\$0.00	\$15,500.00	\$0.00
<b>Amount Spent by Category</b>	\$42,319.67	\$0.00	\$360,680.61	\$0.00	\$0.00	\$10,865.00	\$0.00
<b>Remaining by Category</b>	\$8,180.33	\$0.00	\$53,319.39	\$0.00	\$0.00	\$4,635.00	\$0.00

<b>Funding / Expenditure Summary</b>	
<b>Interlocal Agreement:</b>	\$480,000.00
<b>Minus Amount Spent:</b>	\$413,865.28
<b>Amount to be Returned for Future Use:</b>	<u>\$66,134.72</u>

ID Miles: DCWA1446, DCWA1447

Concur:

Accepted and Approved:

  
DATE 4-3-19

\_\_\_\_\_  
DATE

# Project Audit Report

Project: RF.CLA08Q13, Duck Creek at Dean Martin

Status: Open

4/1/2019

Purchase Order - none



Vendor	Invoice #	Invoice Date	Amount	WBS	FY	Memo/Text
REGIONAL FLOOD CONTROL/TREAS	1014012086	06/30/2014	420.00	RF.CLA08Q13.1-2 - ROW	2014	Manual AP - Doc 1515003256
REGIONAL FLOOD CONTROL/TREAS	1915001085	08/30/2014	(420.00)	RF.CLA08Q13.1-2 - ROW	2015	Manual AP - Doc 1515003256
REGIONAL FLOOD CONTROL/TREAS	1015012311	06/30/2015	420.00	RF.CLA08Q13.1-2 - ROW	2015	Manual AP - Doc 1516005596
REGIONAL FLOOD CONTROL/TREAS	1015012311	06/30/2015	1,105.00	RF.CLA08Q13.1-2 - ROW	2015	Manual AP - Doc 1516008297
REGIONAL FLOOD CONTROL/TREAS	1916000594	08/20/2015	(420.00)	RF.CLA08Q13.1-2 - ROW	2016	Manual AP - Doc 1516005596
REGIONAL FLOOD CONTROL/TREAS	1916000594	08/20/2015	(1,105.00)	RF.CLA08Q13.1-2 - ROW	2016	Manual AP - Doc 1516008297
REGIONAL FLOOD CONTROL/TREAS	1118001478	06/30/2018	18,493.76	RF.CLA08Q13.1-2 - ROW	2018	Manual AP - Doc 1519012975
REGIONAL FLOOD CONTROL/TREAS	1119000199	08/15/2018	(18,493.76)	RF.CLA08Q13.1-2 - ROW	2019	Manual AP - Doc 1519012975
PUBLIC WORKS/CC TREAS	1518130261	05/17/2018	218.50	RF.CLA08Q13.1-2 - ROW	2018	The Louis Berger Group; 3118109643
PUBLIC WORKS/CC TREAS	1519012975	08/02/2018	18,493.76	RF.CLA08Q13.1-2 - ROW	2019	CCPW; 1018072917
PUBLIC WORKS/CC TREAS	1517091966	02/09/2017	1,314.50	RF.CLA08Q13.1-2 - ROW	2017	Chicago Title; 3017147351
PUBLIC WORKS/CC TREAS	1517105098	03/13/2017	3,227.91	RF.CLA08Q13.1-2 - ROW	2017	Louis Berger; 3117081717
PUBLIC WORKS/CC TREAS	1517146249	06/19/2017	560.00	RF.CLA08Q13.1-2 - ROW	2017	The Louis Berger Group; 3117118543
PUBLIC WORKS/CC TREAS	1514086935	05/02/2014	490.00	RF.CLA08Q13.1-2 - ROW	2014	The Louis Berger Group; 3114096114
PUBLIC WORKS/CC TREAS	1515003256	07/08/2014	420.00	RF.CLA08Q13.1-2 - ROW	2015	The Louis Berger Group; 3114119678
PUBLIC WORKS/CC TREAS	1515022297	08/25/2014	5,775.00	RF.CLA08Q13.1-2 - ROW	2015	The Louis Berger Group; 3115011233
PUBLIC WORKS/CC TREAS	1516024565	09/01/2015	1,107.50	RF.CLA08Q13.1-2 - ROW	2016	Louis Berger; 3116012680
PUBLIC WORKS/CC TREAS	1516029722	09/15/2015	1,500.00	RF.CLA08Q13.1-2 - ROW	2016	Charles Jack; 3116018030
PUBLIC WORKS/CC TREAS	1515039509	10/07/2014	827.50	RF.CLA08Q13.1-2 - ROW	2015	The Louis Berger Group; 3115025243
PUBLIC WORKS/CC TREAS	1515050819	11/05/2014	840.00	RF.CLA08Q13.1-2 - ROW	2015	The Louis Berger Group; 3115034697
PUBLIC WORKS/CC TREAS	1515083551	01/26/2015	2,400.00	RF.CLA08Q13.1-2 - ROW	2015	The Louis Berger Goup; 3115059544
PUBLIC WORKS/CC TREAS	1515087281	02/02/2015	2,500.00	RF.CLA08Q13.1-2 - ROW	2015	Charles E Jack Appraisal; 3115061604
PUBLIC WORKS/CC TREAS	1515092218	02/13/2015	420.00	RF.CLA08Q13.1-2 - ROW	2015	Louis Berger; 3115066882
PUBLIC WORKS/CC TREAS	1515130752	05/21/2015	700.00	RF.CLA08Q13.1-2 - ROW	2015	The Louis Berger Group; 3115101808
PUBLIC WORKS/CC TREAS	1516005596	07/14/2015	420.00	RF.CLA08Q13.1-2 - ROW	2016	Louis Berger; 3115120981
PUBLIC WORKS/CC TREAS	1516008297	07/17/2015	1,105.00	RF.CLA08Q13.1-2 - ROW	2016	Louis Berger; 3115122065
<b>WBS Total</b>			<b>\$42,319.67</b>			
REGIONAL FLOOD CONTROL/TREAS	1014012086	06/30/2014	27,883.41	RF.CLA08Q13.2-2D - DENG	2014	Manual AP - Doc 1515003256
REGIONAL FLOOD CONTROL/TREAS	1014012086	06/30/2014	26,321.67	RF.CLA08Q13.2-2D - DENG	2014	Manual AP - Doc 1515010500
REGIONAL FLOOD CONTROL/TREAS	1915001085	08/30/2014	(27,883.41)	RF.CLA08Q13.2-2D - DENG	2015	Manual AP - Doc 1515003256
REGIONAL FLOOD CONTROL/TREAS	1915001085	08/30/2014	(26,321.67)	RF.CLA08Q13.2-2D - DENG	2015	Manual AP - Doc 1515010500
REGIONAL FLOOD CONTROL/TREAS	1015012311	06/30/2015	4,798.40	RF.CLA08Q13.2-2D - DENG	2015	Manual AP - Doc 1516005596
REGIONAL FLOOD CONTROL/TREAS	1015012311	06/30/2015	17,543.30	RF.CLA08Q13.2-2D - DENG	2015	Manual AP - Doc 1516008297
REGIONAL FLOOD CONTROL/TREAS	1916000594	08/20/2015	(4,798.40)	RF.CLA08Q13.2-2D - DENG	2016	Manual AP - Doc 1516005596
REGIONAL FLOOD CONTROL/TREAS	1916000594	08/20/2015	(17,543.30)	RF.CLA08Q13.2-2D - DENG	2016	Manual AP - Doc 1516008297
REGIONAL FLOOD CONTROL/TREAS	1016012396	06/30/2016	942.78	RF.CLA08Q13.2-2D - DENG	2016	Manual AP - Doc 1517013271

# Project Audit Report

**Project:** RF.CLA08Q13, Duck Creek at Dean Martin

**Status:** Open

**4/1/2019**



REGIONAL FLOOD CONTROL/TREAS	1917000867	08/18/2016	(942.78)	RF.CLA08Q13.2-2D - DENG	2017	Manual AP - Doc 1517013271
REGIONAL FLOOD CONTROL/TREAS	1017038362	06/30/2017	365.40	RF.CLA08Q13.2-2D - DENG	2017	Manual AP - Doc 1518014275
REGIONAL FLOOD CONTROL/TREAS	1918001086	08/17/2017	(365.40)	RF.CLA08Q13.2-2D - DENG	2018	Manual AP - Doc 1518014275
REGIONAL FLOOD CONTROL/TREAS	1117001066	06/30/2017	453.15	RF.CLA08Q13.2-2D - DENG	2017	Manual AP - Doc 1518019092
REGIONAL FLOOD CONTROL/TREAS	1118000257	09/13/2017	(453.15)	RF.CLA08Q13.2-2D - DENG	2018	Manual AP - Doc 1518019092
REGIONAL FLOOD CONTROL/TREAS	1118001478	06/30/2018	103,996.28	RF.CLA08Q13.2-2D - DENG	2018	Manual AP - Doc 1519012975
REGIONAL FLOOD CONTROL/TREAS	1119000199	08/15/2018	(103,996.28)	RF.CLA08Q13.2-2D - DENG	2019	Manual AP - Doc 1519012975
PUBLIC WORKS/CC TREAS	1519084262	01/23/2019	455.13	RF.CLA08Q13.2-2D - DENG	2019	CCPW; 1019040947
PUBLIC WORKS/CC TREAS	1518130261	05/17/2018	8,350.76	RF.CLA08Q13.2-2D - DENG	2018	The Louis Berger Group; 3118109643
PUBLIC WORKS/CC TREAS	1518143797	06/15/2018	1,724.89	RF.CLA08Q13.2-2D - DENG	2018	The Louis Berger Group; 3118120629
PUBLIC WORKS/CC TREAS	1519012975	08/02/2018	103,996.28	RF.CLA08Q13.2-2D - DENG	2019	CCPW; 1018072917
PUBLIC WORKS/CC TREAS	1518019092	08/19/2017	453.15	RF.CLA08Q13.2-2D - DENG	2018	The Louis Berger Group; 3118009035
PUBLIC WORKS/CC TREAS	1518020038	08/23/2017	19.16	RF.CLA08Q13.2-2D - DENG	2018	ABC Imaging;3118010084
PUBLIC WORKS/CC TREAS	1517027328	09/08/2016	8,216.27	RF.CLA08Q13.2-2D - DENG	2017	The Louis Berger Group; 3117016526
PUBLIC WORKS/CC TREAS	1517037554	10/05/2016	920.00	RF.CLA08Q13.2-2D - DENG	2017	Louis Berger; 3117025849
PUBLIC WORKS/CC TREAS	1517105098	03/13/2017	5,496.94	RF.CLA08Q13.2-2D - DENG	2017	Louis Berger; 3117081717
PUBLIC WORKS/CC TREAS	1517105501	03/14/2017	214.81	RF.CLA08Q13.2-2D - DENG	2017	ABC Imaging; 3117081847
PUBLIC WORKS/CC TREAS	1517118661	04/13/2017	1,150.89	RF.CLA08Q13.2-2D - DENG	2017	Louis Berger; 3117093641
PUBLIC WORKS/CC TREAS	1518014275	08/08/2017	365.40	RF.CLA08Q13.2-2D - DENG	2018	ABC Imaging; 3118005055
PUBLIC WORKS/CC TREAS	1514086934	05/02/2014	8,981.92	RF.CLA08Q13.2-2D - DENG	2014	The Louis Berger Group; 3114096112
PUBLIC WORKS/CC TREAS	1514086935	05/02/2014	14,991.43	RF.CLA08Q13.2-2D - DENG	2014	The Louis Berger Group; 3114096114
PUBLIC WORKS/CC TREAS	1514098405	06/02/2014	12,684.30	RF.CLA08Q13.2-2D - DENG	2014	Louis Berger Group; 3114105867
PUBLIC WORKS/CC TREAS	1515003256	07/08/2014	27,883.41	RF.CLA08Q13.2-2D - DENG	2015	The Louis Berger Group; 3114119678
PUBLIC WORKS/CC TREAS	1515010500	07/23/2014	26,321.67	RF.CLA08Q13.2-2D - DENG	2015	The Louis Berger Group; 3114122731
PUBLIC WORKS/CC TREAS	1515022297	08/25/2014	33,529.47	RF.CLA08Q13.2-2D - DENG	2015	The Louis Berger Group; 3115011233
PUBLIC WORKS/CC TREAS	1516024565	09/01/2015	6,248.63	RF.CLA08Q13.2-2D - DENG	2016	Louis Berger; 3116012680
PUBLIC WORKS/CC TREAS	1516039695	10/09/2015	786.41	RF.CLA08Q13.2-2D - DENG	2016	Louis Berger; 3116026268
PUBLIC WORKS/CC TREAS	1516119823	05/04/2016	2,369.91	RF.CLA08Q13.2-2D - DENG	2016	Louis Berger; 3116099472
PUBLIC WORKS/CC TREAS	1516133924	06/08/2016	1,472.21	RF.CLA08Q13.2-2D - DENG	2016	The Louis Berger Group; 3116112739
PUBLIC WORKS/CC TREAS	1517013271	08/01/2016	942.78	RF.CLA08Q13.2-2D - DENG	2017	The Louis Berger Group; 3117003090
PUBLIC WORKS/CC TREAS	1515039509	10/07/2014	25,858.12	RF.CLA08Q13.2-2D - DENG	2015	The Louis Berger Group; 3115025243
PUBLIC WORKS/CC TREAS	1515050819	11/05/2014	16,459.09	RF.CLA08Q13.2-2D - DENG	2015	The Louis Berger Group; 3115034697
PUBLIC WORKS/CC TREAS	1515057556	11/20/2014	6,673.78	RF.CLA08Q13.2-2D - DENG	2015	Louis Berger Group; 315039368
PUBLIC WORKS/CC TREAS	1515083551	01/26/2015	8,543.35	RF.CLA08Q13.2-2D - DENG	2015	The Louis Berger Goup; 3115059544
PUBLIC WORKS/CC TREAS	1515092218	02/13/2015	423.79	RF.CLA08Q13.2-2D - DENG	2015	Louis Berger; 3115066882
PUBLIC WORKS/CC TREAS	1515119827	04/23/2015	2,191.16	RF.CLA08Q13.2-2D - DENG	2015	The Louis Berger Group; 3115091226
PUBLIC WORKS/CC TREAS	1515130752	05/21/2015	10,613.80	RF.CLA08Q13.2-2D - DENG	2015	The Louis Berger Group; 3115101808
PUBLIC WORKS/CC TREAS	1516005596	07/14/2015	4,798.40	RF.CLA08Q13.2-2D - DENG	2016	Louis Berger; 3115120981
PUBLIC WORKS/CC TREAS	1516008297	07/17/2015	17,543.30	RF.CLA08Q13.2-2D - DENG	2016	Louis Berger; 3115122065



**Project Audit Report**

**Project:** RF.CLA08Q13, Duck Creek at Dean Martin

**Status:** Open

**4/1/2019**



	<b>WBS Total</b>		<u>\$360,680.61</u>	
REGIONAL FLOOD CONTROL/TREAS 1014012086		06/30/2014	10,865.00	RF.CLA08Q13.6 - ENVR
REGIONAL FLOOD CONTROL/TREAS 1915001085		08/30/2014	(10,865.00)	RF.CLA08Q13.6 - ENVR
PUBLIC WORKS/CC TREAS 1515003256		07/08/2014	10,865.00	RF.CLA08Q13.6 - ENVR
	<b>WBS Total</b>		<u>\$10,865.00</u>	
	<b>Purchase Order Total</b>		<u>\$413,865.28</u>	
	<b>Project Expense Total</b>		<u>\$413,865.28</u>	

2014 Manual AP - Doc 1515003256  
2015 Manual AP - Doc 1515003256  
2015 The Louis Berger Group; 311 4119678

**Clark County Regional Flood Control District**  
**Final Accounting Report**  
**Report Date 3/15/2019**



**Project:** LAS24H13, Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd  
**Interlocal Value:** \$992,000.00

<b>Funding Category</b>	<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>	<b>Construction Mgt</b>	<b>Environmental</b>	<b>Other</b>
<b>Interlocal Funding Allocation</b>	\$30,000.00	\$0.00	\$960,000.00	\$0.00	\$0.00	\$2,000.00	\$0.00
<b>Amount Spent by Category</b>	\$6,219.61	\$0.00	\$947,482.15	\$0.00	\$0.00	\$0.00	\$0.00
<b>Remaining by Category</b>	\$23,780.39	\$0.00	\$12,517.85	\$0.00	\$0.00	\$2,000.00	\$0.00

<b>Funding / Expenditure Summary</b>	
<b>Interlocal Agreement:</b>	\$992,000.00
<b>Minus Amount Spent:</b>	\$953,701.76
<b>Amount to be Returned for Future Use:</b>	<u>\$38,298.24</u>

ID Miles: GOBU0112, GOBU0136

**Concur:**

*Barbara Alvarez* *MS* *MAS*  
3-20-19  
 DATE  
*CV Finance*

**Accepted and Approved:**

\_\_\_\_\_  
 DATE

# Project Audit Report

**Project:** RF.LAS24H13, Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd

**Status:** Open

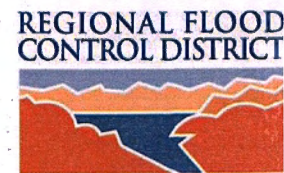
**3/15/2019**

**Purchase Order - 4800005747 00010**

<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
CITY OF LAS VEGAS	214570	05/16/2016	200.00	RF.LAS24H13.1-2 - ROW	2016	period 4/06/16 - 4/23/16
CITY OF LAS VEGAS	225301	12/12/2016	6,000.00	RF.LAS24H13.1-2 - ROW	2017	Period 10/8/16 - 10/22/16
CITY OF LAS VEGAS	240097	06/30/2017	19.61	RF.LAS24H13.1-2 - ROW	2018	Period 10/2016
<b>WBS Total</b>			<b>\$6,219.61</b>			
<b>Purchase Order Total</b>			<b>\$6,219.61</b>			

**Purchase Order - 4800005747 00020**

<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
CITY OF LAS VEGAS	196070	09/29/2015	2,896.51	RF.LAS24H13.2-2D - DENG	2016	Period 8/2015
CITY OF LAS VEGAS	197957	10/28/2015	8,811.69	RF.LAS24H13.2-2D - DENG	2016	Period 9/2015
CITY OF LAS VEGAS	199981	11/19/2015	14,314.08	RF.LAS24H13.2-2D - DENG	2016	Period 10/2015
CITY OF LAS VEGAS	201897	12/16/2015	12,777.52	RF.LAS24H13.2-2D - DENG	2016	Period 9/1/15-9/30/15
CITY OF LAS VEGAS	205678	01/31/2016	13,376.72	RF.LAS24H13.2-2D - DENG	2016	Period 10/01/15-12/19/15
CITY OF LAS VEGAS	207597	02/23/2016	11,958.33	RF.LAS24H13.2-2D - DENG	2016	Period 10/31/15 - 1/30/2016
CITY OF LAS VEGAS	211817	04/18/2016	1,537.89	RF.LAS24H13.2-2D - DENG	2016	Period 2/13/16 - 2/27/16
CITY OF LAS VEGAS	212837	04/26/2016	23,513.25	RF.LAS24H13.2-2D - DENG	2016	Period 12/01/15 - 3/26/16
CITY OF LAS VEGAS	214570	05/16/2016	1,795.70	RF.LAS24H13.2-2D - DENG	2016	period 4/06/16 - 4/23/16
CITY OF LAS VEGAS	217477	06/21/2016	61,750.10	RF.LAS24H13.2-2D - DENG	2016	RF.LAS24H13.2-2D 2/1/16-3/31/16
CITY OF LAS VEGAS	219017	06/30/2016	58,128.09	RF.LAS24H13.2-2D - DENG	2016	June 2016
CITY OF LAS VEGAS	222399	09/29/2016	3,065.19	RF.LAS24H13.2-2D - DENG	2017	Period 07/02/16 - 07/30/16
CITY OF LAS VEGAS	223480	10/20/2016	2,504.84	RF.LAS24H13.2-2D - DENG	2017	Period 08/13/16 - 08/27/16
CITY OF LAS VEGAS	224814	11/19/2016	13,456.60	RF.LAS24H13.2-2D - DENG	2017	Period 9/10/16 - 9/24/16
CITY OF LAS VEGAS	225301	12/12/2016	17,782.00	RF.LAS24H13.2-2D - DENG	2017	Period 10/8/16 - 10/22/16
CITY OF LAS VEGAS	225830	01/11/2017	1,197.31	RF.LAS24H13.2-2D - DENG	2017	Period 11/5/16-11/19/16
CITY OF LAS VEGAS	226712	02/16/2017	67,038.09	RF.LAS24H13.2-2D - DENG	2017	Period 9/1/16-12/31/16
CITY OF LAS VEGAS	227206	03/15/2017	164,723.46	RF.LAS24H13.2-2D - DENG	2017	Period 11/1/16-1/28/17
CITY OF LAS VEGAS	227860	04/11/2017	18,132.79	RF.LAS24H13.2-2D - DENG	2017	Period 12/1/16 - 2/25/17
CITY OF LAS VEGAS	228310	05/10/2017	723.37	RF.LAS24H13.2-2D - DENG	2017	Period 3/11/17-3/25/17
CITY OF LAS VEGAS	229217	06/12/2017	5,661.95	RF.LAS24H13.2-2D - DENG	2017	Period 1/1/17- 4/22/17
CITY OF LAS VEGAS	232737	06/30/2017	21,528.91	RF.LAS24H13.2-2D - DENG	2017	Period 2/1/17 - 6/17/17
CITY OF LAS VEGAS	232017	06/30/2017	1,375.25	RF.LAS24H13.2-2D - DENG	2017	Period 5/6/17 - 5/20/17
CITY OF LAS VEGAS	175688	09/18/2014	718.45	RF.LAS24H13.2-2D - DENG	2015	RF.LAS24H13.2-2D August 2014
CITY OF LAS VEGAS	176732	10/23/2014	1,085.04	RF.LAS24H13.2-2D - DENG	2015	RF.LAS24H13.2-2D 9/13/14 - 9/27/14
CITY OF LAS VEGAS	177604	11/20/2014	25,370.69	RF.LAS24H13.2-2D - DENG	2015	RF.LAS24H13.2-2D Period of 6/28/14 - 10/25/14
CITY OF LAS VEGAS	178977	12/15/2014	23,081.35	RF.LAS24H13.2-2D - DENG	2015	RF.LAS30A13.2-2D 8/30/14 - 9/30/14
CITY OF LAS VEGAS	180957	01/26/2015	30,491.06	RF.LAS24H13.2-2D - DENG	2015	RF.LAS24H13.2-2D 10/01/14 - 10/31/14

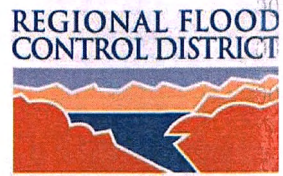


# Project Audit Report

**Project:** RF.LAS24H13, Gowan North-Buffalo Branch,Lone Mtn to Washburn Rd

**Status:** Open

**3/15/2019**



CITY OF LAS VEGAS	182181	02/19/2015	8,223.00	RF.LAS24H13.2-2D - DENG	2015	RF.LAS24H13.2-2D 11/1/2014 - 12/31/15
CITY OF LAS VEGAS	183837	03/19/2015	14,542.96	RF.LAS24H13.2-2D - DENG	2015	RF.LAS24H13.2-2D 12/1/14 - 12/31/14
CITY OF LAS VEGAS	186557	04/22/2015	2,186.24	RF.LAS24H13.2-2D - DENG	2015	RF.LAS24H13.2-2D 1/1/15 - 3/28/15
CITY OF LAS VEGAS	189057	05/31/2015	42,765.76	RF.LAS24H13.2-2D - DENG	2015	RF.LAS24H13 2/1/15 - 4/25/15
CITY OF LAS VEGAS	189995	06/17/2015	38,592.16	RF.LAS24H13.2-2D - DENG	2015	RF.LAS24H13.2-2D May 2015
CITY OF LAS VEGAS	191997	06/30/2015	915.51	RF.LAS24H13.2-2D - DENG	2015	PERIOD JUNE 2015
CITY OF LAS VEGAS	192593	06/30/2015	52,195.53	RF.LAS24H13.2-2D - DENG	2015	PERIOD JUNE 2015
CITY OF LAS VEGAS	195177	06/30/2015	742.09	RF.LAS24H13.2-2D - DENG	2016	Service June 2015
CITY OF LAS VEGAS	195213	08/25/2015	7,346.83	RF.LAS24H13.2-2D - DENG	2016	Period Jul 2015
CITY OF LAS VEGAS	237077	06/30/2017	36,672.50	RF.LAS24H13.2-2D - DENG	2018	Period 5/20/17 - 6/30/17
CITY OF LAS VEGAS	236418	08/21/2017	5,570.32	RF.LAS24H13.2-2D - DENG	2018	Period 7/1/17 - 7/29/17
CITY OF LAS VEGAS	240357	09/28/2017	6,582.19	RF.LAS24H13.2-2D - DENG	2018	Period 8/12/17 - 8/26/17
CITY OF LAS VEGAS	244577	11/20/2017	8,825.85	RF.LAS24H13.2-2D - DENG	2018	Period 9/9/17 - 9/23/17
CITY OF LAS VEGAS	245197	11/20/2017	33,610.98	RF.LAS24H13.2-2D - DENG	2018	Period 5/1/17 - 10/21/17
CITY OF LAS VEGAS	248237	12/14/2017	2,985.10	RF.LAS24H13.2-2D - DENG	2018	Period 11/4/17 - 11/18/17
CITY OF LAS VEGAS	250968	01/17/2018	2,556.90	RF.LAS24H13.2-2D - DENG	2018	Period 12/2/17 - 12/30/17
CITY OF LAS VEGAS	252087	02/26/2018	4,226.55	RF.LAS24H13.2-2D - DENG	2018	Period 1/13/18 - 1/27/18
CITY OF LAS VEGAS	253317	03/13/2018	27,450.25	RF.LAS24H13.2-2D - DENG	2018	Period 9/1/17 - 2/24/18
CITY OF LAS VEGAS	262197	06/30/2018	10,409.51	RF.LAS24H13.2-2D - DENG	2019	Period 2/1/18 - 6/30/18
CITY OF LAS VEGAS	264277	08/13/2018	6,871.75	RF.LAS24H13.2-2D - DENG	2019	Period 7/14/18 - 7/28/18
CITY OF LAS VEGAS	269977	09/17/2018	5,816.82	RF.LAS24H13.2-2D - DENG	2019	Period 8/11/18 - 8/25/18
CITY OF LAS VEGAS	271780	10/18/2018	4,661.08	RF.LAS24H13.2-2D - DENG	2019	Period 9/8/18 - 9/22/18
CITY OF LAS VEGAS	272521	11/19/2018	5,436.06	RF.LAS24H13.2-2D - DENG	2019	Period 10/06/18 - 10/20/18
CITY OF LAS VEGAS	274153	12/12/2018	4,332.43	RF.LAS24H13.2-2D - DENG	2019	November 2018
CITY OF LAS VEGAS	257695	05/16/2018	5,085.11	RF.LAS24H13.2-2D - DENG	2018	Period 4/7/18 - 4/21/18
CITY OF LAS VEGAS	255717	04/12/2018	4,021.74	RF.LAS24H13.2-2D - DENG	2018	Period 1/1/18 - 3/24/18
CITY OF LAS VEGAS	258404	06/14/2018	943.31	RF.LAS24H13.2-2D - DENG	2018	Period 5/5/18 - 5/19/18
CITY OF LAS VEGAS	276800	02/14/2019	7,635.24	RF.LAS24H13.2-2D - DENG	2019	LAS24H13 JAN2019

**WBS Total** \$960,000.00

**Purchase Order Total** \$960,000.00

**Purchase Order - 4800005747 00040**

<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
CITY OF LAS VEGAS	276800	02/14/2019	21,403.02	RF.LAS24H13.2-2D - DENG	2019	LAS24H13 JAN2019

**WBS Total** \$21,403.02

**Purchase Order Total** \$21,403.02

**Purchase Order - none**

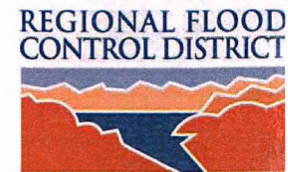
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# Project Audit Report

**Project:** RF.LAS24H13, Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd

**Status:** Open

**3/15/2019**



REGIONAL FLOOD CONTROL/TREAS 1118000412	10/13/2017	(19.61)	RF.LAS24H13.1-2 - ROW	2018 Manual AP - Dgc 3118026769
REGIONAL FLOOD CONTROL/TREAS 1117001135	06/30/2017	19.61	RF.LAS24H13.1-2 - ROW	2017 Manual AP - Dgc 3118026769
<b>WBS Total</b>		<u>\$0.00</u>		
REGIONAL FLOOD CONTROL/TREAS 1118001452	06/30/2018	10,409.51	RF.LAS24H13.2-2D - DENG	2018 Manual AP - Dgc 3119002804
REGIONAL FLOOD CONTROL/TREAS 1119000101	08/03/2018	(10,409.51)	RF.LAS24H13.2-2D - DENG	2019 Manual AP - Doc 3119002804
REGIONAL FLOOD CONTROL/TREAS 1019046187	02/15/2019	(5,785.25)	RF.LAS24H13.2-2D - DENG	2019 Exp Correction from LAS24H3 to LAS24K17
REGIONAL FLOOD CONTROL/TREAS 1019046187	02/15/2019	(4,458.69)	RF.LAS24H13.2-2D - DENG	2019 Exp Correction from LAS24H3 to LAS24K17
REGIONAL FLOOD CONTROL/TREAS 1019046187	02/15/2019	(4,009.18)	RF.LAS24H13.2-2D - DENG	2019 Exp Correction from LAS24H3 to LAS24K17
REGIONAL FLOOD CONTROL/TREAS 1019046187	02/15/2019	(5,164.43)	RF.LAS24H13.2-2D - DENG	2019 Exp Correction from LAS24H3 to LAS24K17
REGIONAL FLOOD CONTROL/TREAS 1019046187	02/15/2019	(3,843.50)	RF.LAS24H13.2-2D - DENG	2019 Exp Correction from LAS24H3 to LAS24K17
REGIONAL FLOOD CONTROL/TREAS 1018068733	05/21/2018	(6,750.00)	RF.LAS24H13.2-2D - DENG	2018 Exp correction from LAS24H13 to LAS24K17
REGIONAL FLOOD CONTROL/TREAS 1018069563	05/24/2018	(3,909.82)	RF.LAS24H13.2-2D - DENG	2018 Exp correction from LAS24H13 to LAS24K17
REGIONAL FLOOD CONTROL/TREAS 1918002162	08/31/2017	(36,672.50)	RF.LAS24H13.2-2D - DENG	2018 Manual AP - Doc 3118011595
REGIONAL FLOOD CONTROL/TREAS 1916001223	08/31/2015	(742.09)	RF.LAS24H13.2-2D - DENG	2016 Manual AP - Doc 3116012771
REGIONAL FLOOD CONTROL/TREAS 1015012393	06/30/2015	742.09	RF.LAS24H13.2-2D - DENG	2015 Manual AP - Doc 3116012771
REGIONAL FLOOD CONTROL/TREAS 1017038432	06/30/2017	36,672.50	RF.LAS24H13.2-2D - DENG	2017 Manual AP - Doc 3118011595
<b>WBS Total</b>		<u>(\$33,920.87)</u>		
<b>Purchase Order Total</b>		<u>(\$33,920.87)</u>		
<b>Project Expense Total</b>		<u>\$953,701.76</u>		

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

FIRST AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

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

**FISCAL IMPACT:** None.

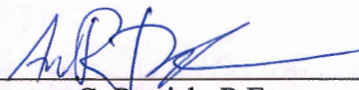
**BACKGROUND:**

On May 24, 2018 the District entered into a professional services contract with ICF Jones & Stokes, Inc. for the development of a Regional In-Lieu Fee Mitigation Program for future flood control master plan projects. Since this time, staff and ICF Jones and Stokes have been working to develop a draft prospectus for the proposed In-Lieu Fee Mitigation Program.

Due to coordination requirements with Clark County and other partners, an extension is needed to complete the work required to finalize the draft Prospectus and In-Lieu Fee Instrument. Staff recommends extending the professional services contract from May 24, 2018 to December 31, 2020.

Respectfully submitted,

TAC AGENDA ITEM #07 Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM #07 Date: 04/29/19	

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

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	Date: 04/15/19
FIRST AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT ICF JONES & STOKES, INC.	
<p>On May 24, 2018 the District entered into a professional services contract with ICF Jones &amp; Stokes, Inc. for the development of a Regional In-Lieu Fee Mitigation Program for future flood control master plan projects. Since this time, staff and ICF Jones and Stokes have been working to develop a draft prospectus for the proposed In-Lieu Fee Mitigation Program.</p> <p>Due to coordination requirements with Clark County and other partners, an extension is needed to complete the work required to finalize the draft Prospectus and In-Lieu Fee Instrument. Staff recommends extending the professional services contract from May 24, 2018 to December 31, 2020.</p>	
<b>Staff Recommendation:</b>	
Approve.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #07 Date: 04/25/19
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #07 Date: 04/29/19
<b>Recommendation:</b>	

**FIRST AMENDMENT TO THE AGREEMENT FOR  
PROFESSIONAL SERVICES  
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT  
AND  
ICF JONES & STOKES, INC.  
CLARK COUNTY IN-LIEU FEE PROGRAM**

THIS FIRST AMENDMENT TO THE AGREEMENT is made and entered into this 23<sup>rd</sup> day of May, 2019, by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (hereinafter referred to as "DISTRICT") and ICF JONES & STOKES, INC. (hereinafter referred to as "CONSULTANT"), for development of a Clark County In-Lieu Fee Program (hereinafter referred to as the "PROJECT").

**WITNESSETH**

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

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

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

**WHEREAS**, a professional services agreement was entered into between the DISTRICT and CONSULTANT on May 24, 2018;

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



WHEREAS, the DISTRICT and the CONSULTANT wish to extend the term of the contract from May 24, 2018 to December 31, 2020 complete the work required and to finalize the draft Prospectus and In-Lieu Fee Instrument.

WHEREAS, the parties desire to set forth the responsibilities, terms, and conditions of completing the PROJECT.

NOW, THEREFORE, in consideration of the premises and terms contained herein, the parties agree as follows:

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

E. This AGREEMENT shall begin on May 24, 2018 and terminate on December 31, 2020 unless it is extended before the termination date with the mutual written consent of both parties or earlier terminated pursuant to Section VI.

All other sections of the original professional services agreement shall remain unchanged.

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

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

By: \_\_\_\_\_ Date: \_\_\_\_\_  
LAWRENCE L. BROWN, III  
Chair

ATTEST:

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Sherry Allen  
Secretary to the Board

APPROVED AS TO LEGALITY ONLY:

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Christopher Figgins  
Chief Deputy District Attorney

\*\*\*\*\*

ICF JONES & STOKES, INC.

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Trina L. Prince-Fisher  
Contracts Administrator

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

ESTABLISH FUNDING ALLOCATIONS FOR THE OPERATING BUDGET FOR THE LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019-20

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD APPROVE AN INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR THE LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019-20 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** \$74,774.00


**BACKGROUND:** On May 24, 2018, the Regional Flood Control District Board approved an interlocal agreement that established funding allocations and the budget covering fiscal year 2018-2019 for the Las Vegas Wash (Wash) activities.

To continue the stabilization and enhancement of the Wash, the Southern Nevada Water Authority has completed a budget for capital construction and operation activities for fiscal year 2019-2020. Approval of this agreement will allocate the monetary resources necessary for the Wash operating expenses among the signatories to the agreement.

The District's share of the Interlocal Agreement will be \$74,774.00. The District Attorney has reviewed the Agreement. There is sufficient funding in the Fiscal Year 2019-20 budget to support this request. Staff recommends approval of the Interlocal Agreement.

Respectfully submitted,

TAC AGENDA ITEM #08 Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM #08 Date: 04/29/19	

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

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	Date: 04/15/19
ESTABLISH FUNDING ALLOCATIONS FOR THE OPERATING BUDGET FOR THE LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019-20	
<p>On May 24, 2018, the Regional Flood Control District Board approved an interlocal agreement that established funding allocations and the budget covering fiscal year 2018-2019 for the Las Vegas Wash (Wash) activities.</p> <p>To continue the stabilization and enhancement of the Wash, the Southern Nevada Water Authority has completed a budget for capital construction and operation activities for fiscal year 2019-2020. Approval of this agreement will allocate the monetary resources necessary for the Wash operating expenses among the signatories to the agreement.</p> <p>The District's share of the Interlocal Agreement will be \$74,774.00. The District Attorney has reviewed the Agreement. There is sufficient funding in the Fiscal Year 2019-20 budget to support this request. Staff recommends approval of the Interlocal Agreement.</p>	
<b>Staff Recommendation:</b>	
Approve.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #08 Date: 04/25/19
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #08 Date: 04/29/19
<b>Recommendation:</b>	

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019/2020

This Interlocal Agreement is entered into by the City of Henderson; the City of Las Vegas; the City of North Las Vegas; Clark County; the Clark County Regional Flood Control District; the Clark County Water Reclamation District; and the Southern Nevada Water Authority ("Authority") comprised of Authority "Purveyor Members" (City of Henderson, City of North Las Vegas and the Las Vegas Valley Water District), and the Authority "Wastewater Discharge Members" (City of Henderson, City of Las Vegas, City of North Las Vegas and the Clark County Water Reclamation District) this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

WHEREAS, Lake Mead and the Colorado River are the primary source of water for over two million residents of the metropolitan Las Vegas Valley and Laughlin, Nevada; and

WHEREAS, Lake Mead and the Colorado River are a significant source of water for millions of other residents in the Lower Colorado River Basin, including citizens of Arizona, California, and Mexico as well as members of several Native American Tribes; and

WHEREAS, the Las Vegas Wash is comprised of highly treated wastewater flows, urban runoff, shallow ground water, storm water flows, and other flows, all of which run through the single tributary from the urban Las Vegas Valley into Lake Mead; and

WHEREAS, concerns over erosion, water quality, the loss of wetlands, and other issues have made managing the Las Vegas Wash one of the highest environmental priorities for Southern Nevada; and

WHEREAS, the undersigned parties – along with other local, state, and federal entities – embarked on a water quality process in 1997 that included participation in the Lake Mead Water Quality Forum and the formation of a citizens advisory committee which studied various issues related to water quality in the Las Vegas Wash, Las Vegas Bay, and Lake Mead; and

WHEREAS, the citizens advisory committee developed a series of recommendations for protecting and improving water quality, one of which was to develop a comprehensive adaptive management plan for the Las Vegas Wash; and

WHEREAS, following the presentation of the citizen recommendations to the Lake Mead Water Quality Forum and their acceptance by the Authority Board of Directors in 1998, the undersigned parties participated in the Las Vegas Wash Coordination Committee ("LVWCC"), a committee comprised of 28 local, state, federal, environmental, and public representatives; and

WHEREAS, the LVWCC, over a 10-month period and with the support of over 100 staff from participating agencies, developed 44 recommended actions in nine study areas related to the Las Vegas Wash; and

WHEREAS, the LVWCC compiled these recommended actions into the Las Vegas Wash Comprehensive Adaptive Management Plan ("LVWCAMP"), a document that was subsequently approved by the LVWCC in December 1999 and by the Authority Board of Directors in January 2000; and

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019/2020

WHEREAS, in July of 2000, a Sales Tax Allocation Cooperative Agreement was entered into by the Authority and the Wastewater Discharge Agencies represented by the City of Henderson, the City of Las Vegas and the Clark County Water Reclamation District; and

WHEREAS, that Sales Tax Allocation Cooperative Agreement provided that four percent (4%) of the gross revenue from the ¼ cent sales tax provided for by NRS Chapter 377B would be allocated to capital improvements and infrastructure needs in the Las Vegas Wash, and

WHEREAS, in June of 2002, the parties to this agreement entered into a Cooperative Agreement which recognized the Las Vegas Wash Comprehensive Adaptive Management Plan and established a basic understanding of the parties concerning implementation of the plan and their respective roles in that implementation through the Management Advisory Committee (MAC); and

WHEREAS, in November 2007, the parties to this agreement, along with the Clean Water Coalition, entered into an agreement that established the Las Vegas Valley Watershed Advisory Committee (LVVWAC). The LVVWAC assumed the responsibilities of the MAC and provided that the LVVWAC would continue implementation of the Las Vegas Wash Comprehensive Adaptive Management Plan, along with establishing a cohesive direction and integrated approach to addressing water quality issues in the Las Vegas Valley and Lake Mead; and

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

WHEREAS, a Workplan and estimated budget for the Las Vegas Wash construction and operation has been established by the Authority for fiscal year 2019/2020; and

WHEREAS, Authority Purveyor members will pay 40% of the total operating budget (or \$299,097) to be paid from the revenues derived from the water wholesale delivery charge; and

WHEREAS, it is the desire of all parties to this agreement to allocate the monetary responsibility for contribution to said capital and infrastructure budget as well as the parties' respective monetary contributions to the estimated Las Vegas Wash operating budget.

WHEREAS, pursuant to NRS 277.180, a political subdivision may enter into a interlocal agreement with any one or more other public agencies to perform any governmental service, activity or undertaking which any of the individual governmental entities are authorized by law to perform.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the Southern Nevada Water Authority, City of Henderson, Clark County Water Reclamation District, City of Las Vegas, City of North Las Vegas, Clark County, and the Clark County Regional Flood Control District agree as follows:

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF  
NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL  
DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA  
WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS  
VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019/2020

Section 1: Capital Improvements Budget

It is agreed that the budget for capital improvements and associated activities for 2019/2020 are included in the Project Work Plan of the Amended Las Vegas Wash Capital Improvements Plan. The Project Work Plan includes funding for design and construction activities related to channel stabilization structures, revegetation of disturbed construction sites, flood repair, construction equipment rental, and construction materials transportation.

Funding for capital projects will come from monies generated from 4% of gross revenue from the ¼ cent sales tax, federal partners, and other available sources.

The Authority will require its contractors to indemnify, defend and hold harmless the Parties to this Agreement against any and all claims, causes of action, judgments, and/or fees arising out of the contractor's acts and/or omissions related to its performance of any contract for the Authority.

The Authority will also require its contractors to name each party to this Agreement as an additional insured on the contractor's insurance policy.

Section 2: Operating Budget

It is agreed by the parties hereto that the total operating budget for the Authority's Las Vegas Wash activities for fiscal year 2019/2020 is estimated to be \$1,059,741. It is anticipated that there will be federal funding from the Bureau of Reclamation available to augment the parties' contributions. Said federal funding is estimated to be approximately \$275,000. Additional grants from the Nevada Division of Environmental Protection are anticipated to augment the operating budget in the amount of \$37,000. This will leave \$747,741 of the total operating budget to be provided locally (referred to herein as the "local share"). Additionally, it is anticipated that the Authority's purveyor members will contribute \$299,097 or 40% of the local share; however, the purveyor members' contribution is not governed by this agreement. The parties hereto agree, therefore, that \$448,644 or 60% of the local share of the total operating budget must be paid by the parties hereto. Contained in Attachment A is an Operating Budget Narrative outlining the anticipated administration costs as well as programs and study costs included in the 2019/2020 operating budget.

a) Funding of Local Share:

It is hereby agreed by the parties that the following allocation ratios and funding sources are established as binding for the purpose of funding the local share or \$747,741 of the total operating budget for the Las Vegas Wash for fiscal year 2019/2020:

- i) Authority Purveyor Members acknowledge that the Authority shall pay 40% (\$299,097) of the local share using revenues derived from the water wholesale delivery charges paid to the Authority by the Authority Purveyor Members.

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019/2020

- ii) Authority "Wastewater Discharge Members" shall pay 40% (\$299,097) of the local share as follows:

The City of Henderson, as a discharger, will be responsible for payment of 12.7% of the \$299,097 or \$37,985;

The Clark County Water Reclamation District will be responsible for 54.8% of the \$299,097, or \$163,905;

The City of Las Vegas will be responsible for 23.3% of the \$299,097, or \$69,689;

The City of North Las Vegas will be responsible for 9.2% of the \$299,097, or \$27,517.

- iii) Clark County will pay 10% of the local share (\$74,774).
- iv) Clark County Regional Flood Control District will pay 10% of the local share (\$74,774).

Section 3: Payments

Payments will be made by the respective parties hereto as specified in Section 2 into a fund established specifically for the operations of the Las Vegas Wash projects for fiscal year 2019/2020 within 30 days of approval by all governmental bodies.

Section 4: Effective Date

This agreement becomes effective when the duplicate originals are executed and dated by all parties, realizing that each entity, by necessity, must approve and execute the subject document at different places and on different dates.

Section 5: Severability

Should any part of this agreement be rendered void, invalid, or unenforceable by any court of law for any reason, such determination shall not render void, invalid or unenforceable under any other part of this agreement.

Section 6: Governing Law

The laws of the State of Nevada will govern as to the interpretation, validity and effect of this agreement.



INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019/2020

Section 7: Third Party Beneficiaries

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

Section 8: One Time Agreement

It is specifically recognized and agreed by all parties hereto, that this agreement is not to be interpreted or constructed as establishing a precedent for any further agreement, covenant or commitment on the part of any party hereto and should be considered a stand alone document without establishing any future obligations, other than as described herein, on the part of any party hereto.

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INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019/2020

**SOUTHERN NEVADA WATER AUTHORITY**

\_\_\_\_\_  
Marilyn Kirkpatrick, Chair

Approved as to form:

Approved on \_\_\_\_\_, by the Board of Directors  
Southern Nevada Water Authority.

\_\_\_\_\_  
Brent Gunson, Senior Attorney

Attest:

**CITY OF LAS VEGAS**

\_\_\_\_\_  
LuAnn D. Holmes, MMC, City Clerk

\_\_\_\_\_  
Carolyn G. Goodman, Mayor

Approved As to Form:

Approved on \_\_\_\_\_, by the City Council  
for the City of Las Vegas.

\_\_\_\_\_  
John S. Ridilla, Deputy City Attorney

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019/2020

Attest:

**CITY OF HENDERSON**

\_\_\_\_\_  
Sabrina Mercadante, MMC  
City Clerk

\_\_\_\_\_  
Debra March, Mayor

Approved As To Form:

Approved on \_\_\_\_\_, by the City Council for the City of Henderson.

\_\_\_\_\_  
Nicholas G. Vaskov, City Attorney

Attest:

**CITY OF NORTH LAS VEGAS**

\_\_\_\_\_  
Catherine Raynor, MMC City Clerk

\_\_\_\_\_  
John J. Lee, Mayor

Approved As to Form:

Approved on \_\_\_\_\_, by the City Council for the City of North Las Vegas.

\_\_\_\_\_  
Micaela Rustia Moore, City Attorney

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019/2020

**CLARK COUNTY WATER RECLAMATION DISTRICT**

\_\_\_\_\_  
Lawrence L. Brown, III, Chairman

Approved As To Form:

Approved on \_\_\_\_\_, by the Board of Trustees for the Clark County Water Reclamation District.

\_\_\_\_\_  
David J. Stoft, District General Counsel

Attest:

**CLARK COUNTY**

\_\_\_\_\_  
Lynn Goya, County Clerk

\_\_\_\_\_  
Marilyn Kirkpatrick, Chair

Approved As To Form:

Approved on \_\_\_\_\_, by the Board of County Commissioners for Clark County (Parks & Recreation)

\_\_\_\_\_  
Carolyn Campbell, Deputy District Attorney

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2019/2020

Attest:

**CLARK COUNTY REGIONAL FLOOD  
CONTROL DISTRICT**

\_\_\_\_\_  
Sherry Allen, Board Secretary

\_\_\_\_\_  
Lawrence L. Brown, III, Chairman

Approved As To Form:

Approved on \_\_\_\_\_, by the Board of Directors for the  
Clark County Regional Flood Control District.

\_\_\_\_\_  
Christopher Figgins, Clark County  
Chief Deputy District Attorney

**Attachment A**  
**Operating Budget Narrative**  
**FY 2019/2020**

**MATERIALS, SUPPLIES, EQUIPMENT – TOTAL \$58,978**

Funding in the amount of \$58,978 is requested for general office support items including office supplies, printing, safety supplies, dues for professional organizations, and subscriptions/publications.

**OFFICE LEASE – TOTAL \$54,740**

Funding in the amount of \$54,740 is requested for the office space located at 100 City Parkway.

**SALARIES AND BENEFITS – TOTAL \$614,023**

Funding in the amount of \$614,023 is requested for salaries and benefits to support Las Vegas Wash Project Coordination Team staff.

**RESEARCH AND STUDIES PROJECTS – TOTAL \$332,000 (LOCAL CONTRIBUTION \$20,000)**

The total research and studies budget is \$332,000. Of this, the local contribution is \$20,000, with the remaining budget anticipated to come from federal and local grants. These projects include a variety of activities and studies to meet the tasks identified in the LVWCAMP and to meet state and federal environmental compliance requirements.

<b>Budgeted Items</b>	<b>Amount</b>
Materials, Supplies, Equipment	\$58,978
Office Lease	\$54,740
Salaries and Benefits	\$614,023
Research and Studies Projects	\$332,000
<b>TOTAL FY 19/20 BUDGET</b>	<b>\$1,059,741</b>
BUREAU OF RECLAMATION CONTRIBUTION	\$275,000
OTHER CONTRIBUTION/GRANTS	\$37,000
LOCAL CONTRIBUTION	\$747,741

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

AMENDMENT TO THE SPACE USE LEASE AGREEMENT WITH BOULDER CITY FOR THE OPERATION OF FLOOD THREAT RECOGNITION SYSTEM EQUIPMENT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE AMENDMENT TO THE LEASE AGREEMENT (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None

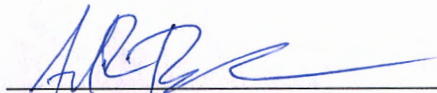
**BACKGROUND:**

The District has operated a Flood Threat Recognition System (FTRS) radio repeater at Boulder City's Red Mountain Communications Site since July 1991. Establishment of this site was authorized under the terms of a Property Use Agreement between the District and Boulder City dated March 1, 1998. This radio repeater allows the District expanded radio coverage provided by the FTRS with additional gages in the El Dorado Valley.

On March 8, 2018, the District entered into Lease Agreement No. 18-1768 for the development and operation of the FTRS equipment at Red Mountain in Boulder City. The Lease Agreement omitted the location of a weather station located on the Red Mountain site. As a result, a Lease Amendment is needed to include the FTRS weather station. The Lease Amendment has been reviewed by the District Attorney. Staff recommends that the Board approve and authorize the Chairman to sign the Lease Agreement Amendment.

Respectfully submitted,

TAC AGENDA ITEM #09 Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM #09 Date: 04/29/19	

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

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	Date: 04/15/19
<b>AMENDMENT TO THE SPACE USE LEASE AGREEMENT WITH BOULDER CITY FOR THE OPERATION OF FLOOD THREAT RECOGNITION SYSTEM EQUIPMENT</b>	
<p>The District has operated a Flood Threat Recognition System (FTRS) radio repeater at Boulder City's Red Mountain Communications Site since July 1991. Establishment of this site was authorized under the terms of a Property Use Agreement between the District and Boulder City dated March 1, 1998. This radio repeater allows the District expanded radio coverage provided by the FTRS with additional gages in the El Dorado Valley.</p>	
<p>On March 8, 2018, the District entered into Lease Agreement No. 18-1768 for the development and operation of the FTRS equipment at Red Mountain in Boulder City. The Lease Agreement omitted the location of a weather station located on the Red Mountain site. As a result, a Lease Amendment is needed to include the FTRS weather station.</p>	
<p>A copy of the Amended Lease Agreement is included in the backup. The Agreement has been reviewed by the District Attorney.</p>	
<b>Staff Recommendation:</b>  Approve and authorize the Chairman to sign the Amended Lease Agreement.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #09 Date: 04/25/19
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #09 Date: 04/29/19
<b>Recommendation:</b>	



**LEASE AMENDMENT**

**Clark County Regional Flood Control District at  
Red Mountain Communications Site**

**THIS LEASE AMENDMENT**, made and entered into as of the \_\_\_\_ day of May, 2019, by and between the CITY OF BOULDER CITY, NEVADA, a municipal corporation established under the laws of the State of Nevada ("Lessor" or "City"), and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT ("Lessee" or "CCRFCD"), sometimes jointly referred to herein as "parties."

WITNESSETH

**WHEREAS**, the parties entered Lease Agreement No. 18-1768 on March 8, 2018 for the development and operation of a communication site at the Red Mountain Communications Complex in Boulder City; and

**WHEREAS**, the term of said Lease Agreement was five (5) years, commencing on April 1, 2018, and ending on March 31, 2023; and

**WHEREAS**, the parties had intended to include the weather collection station and related activity as part of the communication site lease but in error was omitted; and

**WHEREAS**, all parties hereto agree that including the weather collection station and related activity as part of this lease is in the interest of all the people of Boulder City;

**NOW, THEREFORE**, in consideration of the mutual covenants, terms and conditions, privileges and obligations herein set forth and as may be binding upon this agreement pursuant to the terms of Boulder City Agreement No. 18-1768 as amended from time to time, the parties mutually agree as follows:

**SECTION ONE**

SECTION 4, PARAGRAPH L – USE OF PREMISES, shall be changed to read as follows:

Paragraph L – Use of Premises shall be amended to include the following information: The erection and maintenance of a weather station and associated antennae and collection equipment, transmitters, and devices necessary to secure the equipment from vandalism or otherwise unauthorized access are approved as part of this agreement. The equipment, currently located at 35-59-44-00 North 114-51-51-55 West at an elevation of 3591, is approved. In the event it becomes necessary to relocate the equipment at the Red Mountain Communications Site for any reason, including for convenience,

improvement of weather data collection accuracy, or other reason, Lessee shall obtain from Lessor approval in writing from the Lessor's Real Estate Officer.

**SECTION TWO**

**ALL OTHER TERMS IN LEASE AGREEMENT NO. 18-1768 TO REMAIN IN FULL FORCE AND EFFECT**

In all other respects, the parties intend that all of the other terms and conditions, benefits and obligations, and policies and procedures to be performed in Lease Agreement No. 18-1768 shall remain in full force and effect.

**IN WITNESS WHEREOF**, the parties have executed this Lease Agreement amendment the day and year first above written, to be effective upon signing.

LESSOR:  
CITY OF BOULDER CITY, NEVADA

LESSEE:  
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

BY: \_\_\_\_\_  
Alfonso Noyola, City Manager

By: \_\_\_\_\_  
Name: Lawrence L. Brown III  
Title: Chairman  
Date: \_\_\_\_\_

ATTEST:  
  
\_\_\_\_\_  
Lorene Krumm, City Clerk

ATTEST:  
  
\_\_\_\_\_  
Sherry Allen, Board Secretary

APPROVED AS TO FORM

APPROVED AS TO FORM

\_\_\_\_\_  
Steven Morris, City Attorney

\_\_\_\_\_  
Christopher Figgins  
Chief Deputy District Attorney

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<p><b>SUBJECT:</b></p> <p>DISCUSSION AND POSSIBLE ACTION TO APPROVE THE PRIORITIZATION OF PROJECTS, TEN-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 2019-2020 PROJECT LIST</p>
<p><b>PETITIONER:</b></p> <p>STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER</p>
<p><b>RECOMMENDATION OF PETITIONER:</b></p> <p>RECEIVE INFORMATION FOR THE DEVELOPMENT OF THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 2019-2020 PROJECT LIST AND TAKE ANY ACTION DEEMED APPROPRIATE (FOR POSSIBLE ACTION)</p>

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

**BACKGROUND:** The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 14, 2018, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2018-2019 Project List.

The District has utilized a third party financial advisor to provide growth estimates of future revenue and inflation. The TYCP incorporates these economic growth estimates. Based on actual sales tax receipts through December 2018, original projected sales tax revenues for fiscal year 2018-19 of \$105,300,000 have been revised upward by 2.2% to \$107,600,000. The TYCP also includes inflation factors developed by District staff to account for increases in construction, design and right-of-way costs over time.

TAC AGENDA ITEM #10 Date: 04/25/19	TAC AGENDA ITEM #07 Date: 03/28/19	RFCD AGENDA ITEM # Date:
CAC AGENDA ITEM #10 Date: 04/29/19	CAC AGENDA ITEM #07 Date: 04/01/19	

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 2019-20 TYCP. Note below, that additional inflation is not applied to Yr-1 of the FY 2019-20 TYCP.

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

	FY 18/19	FY 19/20 Yr-1	FY 20/21 Yr-2	FY 21/22 Yr-3	FY 22/23 Yr-4	FY 23/24 Yr-5	FY 24/25 Yr-6	FY 25/26 Yr-7	FY 26/27 Yr-8	FY 27/28 Yr-9	FY 28/29 Yr-10
Revenue	Base	4.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Inflation	Previous	0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%

Total estimated new resources for the FY 2019-20 TYCP are \$913,852,309, which is a 3.1% increase from estimated resources for the FY 2018-19 TYCP of \$886,352,535. In addition to using sales tax revenues to fund projects, the District uses debt financing to expedite the construction of projects. In fiscal year 2019-20, \$85 million in bonds are programmed, in fiscal year 2023-24, \$100 million are programmed and in fiscal year 2027-28, \$100 million are programmed. Total estimated resources including unencumbered resources from previous years for the FY 2019-20 TYCP are approximately \$940 million up about 3.0 percent from total estimated resources for the FY 2018-19 TYCP of \$914 million. Year-1 resources for FY 2019-20 are approximately \$279 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 36.11%; North Las Vegas 24.20%; Clark County 28.29%; Boulder City 1.61% and Mesquite 2.68%.

TAC AGENDA ITEM #10 Date: 04/25/19	TAC AGENDA ITEM #07 Date: 03/28/19	RFCD AGENDA ITEM # Date:
CAC AGENDA ITEM #10 Date: 04/29/19	CAC AGENDA ITEM #07 Date: 04/01/19	

The following exhibits are attached:

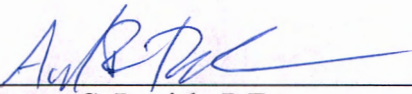
**Exhibit A – Programming Percentages.** This exhibit reflects proportionate shares by planning area and programming entity based on District revenues spent and the estimated cost of remaining facilities as of adoption of the 2018 Las Vegas Valley MPU.

**Exhibit B – Project Prioritization.** This is the project priority calculation sheet submitted by the entities for FY 2018-19. 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 2019.

A draft TYCP will be presented to the TAC on May 30, 2019 and the Board of Directors on June 13, 2019. Entity drafts should be forwarded to the District for review, coordination and final compilation no later than Monday, April 22, 2019. Electronic copies and instructions for completing a draft TYCP for FY 2019-2020 have been distributed to each entity for use in developing and coordinating their proposed TYCP input.

Respectfully submitted,



FOR

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

TAC AGENDA ITEM #10 Date: 04/25/19	TAC AGENDA ITEM #07 Date: 03/28/19	RFCD AGENDA ITEM # Date:
CAC AGENDA ITEM #10 Date: 04/29/19	CAC AGENDA ITEM #07 Date: 04/01/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

RECEIVE INFORMATION FOR THE DEVELOPMENT OF THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM (TYCP) AND FISCAL YEAR 2019-2020 PROJECT LIST

The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 14, 2018, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2018-2019 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 18/19	FY 19/20 Yr-1	FY 20/21 Yr-2	FY 21/22 Yr-3	FY 22/23 Yr-4	FY 23/24 Yr-5	FY 24/25 Yr-6	FY 25/26 Yr-7	FY 26/27 Yr-8	FY 27/28 Yr-9	FY 28/29 Yr-10
Revenue	Base	4.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Inflation	Previous	0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%

Year-1 resources for FY 2019-20 are approximately \$279 million. Total estimated resources for the FY 2019-20 TYCP are approximately \$940 million.

**Staff Recommendation:**

Receive information for the development of the TYCP.

**Discussion by Technical Advisory Committee:**

AGENDA  
#10 Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#10 Date: 04/29/19

**Recommendation:**

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 03/18/19

RECEIVE INFORMATION FOR THE DEVELOPMENT OF THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM (TYCP) AND FISCAL YEAR 2019-2020 PROJECT LIST

The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 14, 2018, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2018-2019 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 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29
		Yr-1	Yr-2	Yr-3	Yr-4	Yr-5	Yr-6	Yr-7	Yr-8	Yr-9	Yr-10
Revenue	Base	4.0%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Inflation	Previous	0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%

Year-1 resources for FY 2019-20 are approximately \$279 million. Total estimated resources for the FY 2019-20 TYCP are approximately \$940 million.

**Staff Recommendation:**

Receive information for the development of the TYCP.

**Discussion by Technical Advisory Committee:**

AGENDA  
#07 Date: 03/28/19

**Recommendation:**

Follow staff recommendation.

**Discussion by Citizens Advisory Committee:**

AGENDA  
#07 Date: 04/01/19

**Recommendation:**

Follow staff recommendation.

# EXHIBIT A

## PROGRAMMING PERCENTAGES

2013

Planning Area	Current MPU Total Costs (a)	Percent of Total Planning Area	Previous Percentages
<b>Henderson :</b>			
C-1	\$20,504,200	0.88%	
Pittman	\$144,761,050	6.23%	
<b>Sub-total</b>	<b>\$165,265,250</b>	<b>7.12%</b>	<b>8.35%</b>
<b>Las Vegas</b>			
Central	\$507,779,660	21.86%	
Gowan	\$127,415,880	5.49%	
Upper Northern L V Wash	\$203,558,550	8.76%	
<b>Sub-total</b>	<b>\$838,754,090</b>	<b>36.11%</b>	<b>38.70%</b>
<b>North Las Vegas</b>			
Lower Northern L V Wash	\$182,764,320	7.87%	
Range	\$262,708,330	11.31%	
Lower L V Wash	\$40,638,540	1.75%	
Apex	\$76,028,740	3.27%	
<b>Sub-total</b>	<b>\$562,139,930</b>	<b>24.20%</b>	<b>19.22%</b>
<b>Clark County</b>			
Duck Cr/Blue Diamond	\$301,091,860	12.96%	
Tropicana/Flamingo	\$164,588,950	7.09%	
Outlying Areas	\$191,298,581	8.24%	
<b>Sub-total</b>	<b>\$656,979,391</b>	<b>28.29%</b>	<b>29.62%</b>
<b>Boulder City :</b>			
Boulder City	\$37,286,080	1.61%	
<b>Sub-total</b>	<b>\$37,286,080</b>	<b>1.61%</b>	<b>1.95%</b>
<b>Mesquite :</b>			
Mesquite	\$62,221,053	2.68%	
<b>Sub-total</b>	<b>\$62,221,053</b>	<b>2.68%</b>	<b>2.16%</b>
<b>GRAND-TOTAL</b>	<b>\$2,322,645,794</b>	<b>100.00%</b>	<b>100.00%</b>

Notes:

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



# EXHIBIT B

## Project Prioritization

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

### CITY OF HENDERSON

#### HYDROGRAPHIC BASIN: PITTMAN

<b>PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights</b>											
PTAP 0018	4	4	4	4	3	3	3	3	3	2	99.0
	20.0	18.0	16.0	14.0	9.0	7.5	6.0	4.5	3.0	1.0	
<b>PROJECT: Whitney Wash Channel</b>											
WWDC 0001, 0016, 0031, 0034, 0053, 0056, 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	
<b>PROJECT: Pittman East Detention Basin Stormwater Quality Retrofit</b>											
PTEA 0439	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	
<b>PROJECT: Pittman North Detention Basin to Larson Lane</b>											
PTSD 0000, 0016, 0017, 0043	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	
<b>PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.</b>											
PTLA 0000, 0045, 0069, 0070, 0093, 0094, 0126	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	
<b>PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer</b>											
PTNO 0000, 0073	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	
<b>PROJECT: Galleria to Boulder Hwy.</b>											
PTSU 0000, 0023	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	
<b>PROJECT: Warm Springs Rd. to Lake Mead Pkwy (Boulder Hwy)</b>											
PTPA 0261, 0285, 0325	3	3	3	3	2	2	3	3	3	3	77.0
	15.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	3.0	1.5	
<b>PROJECT: Pittman Wash, Eastern to Pecos</b>											
PTWA 0346, 0409, 0412, 0478, 0486	3	3	3	3	2	2	3	3	3	3	77.0
	15.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	3.0	1.5	

#### HYDROGRAPHIC BASIN: C-1

<b>PROJECT: Cadiz Storm Drain - Racetrack to Pueblo</b>											
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	
<b>PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead</b>											
C1CH 0161, 0173, 0204	4	3	3	3	3	3	2	3	2	3	86.5
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.5	
<b>PROJECT: Burkholder to Warm Springs (Lake Mead Pkwy)</b>											
C1LM 0141, 0144, 0156, 0158, 0182, 0184	4	3	3	3	3	3	2	3	1	2	83.0
	20.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	1.0	1.0	
<b>PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road</b>											
C1FK 0040	4	3	3	3	3	3	2	2	1	1	81.0
	20.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	1.0	0.5	

# EXHIBIT B

## Project Prioritization

Priority Factor and Weight												Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value		
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5	0.5		
CITY OF LAS VEGAS												
HYDROGRAPHIC BASIN: CENTRAL												
PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston												
FLBN 0038	4	4	3	3	3	3	3	1	3	90.0		
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	4.5	1.0	1.5		
PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System												
FLBN 0167, 0180, 0205, & FLMP 0000	4	4	3	3	3	2	3	2	3	89.0		
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	4.5	2.0	1.5		
PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland												
FLBN 0281, 0312	4	4	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: Freeway Channel - Washington, Rancho to Valley View												
LV15 0528	4	4	3	3	3	2	3	1	1	87.0		
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	4.5	1.0	0.5		
PROJECT: Las Vegas Wash - Stewart to Bonanza												
LVMD 1121 & 1149	4	4	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: Cedar Avenue Channel Improvements												
CACN 0001 & 0035, CNST 0000	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 - Bonanza - Las Vegas Wash to Lamb												
LVBZ 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: Owens Avenue East - LV Wash to Mojave												
LVOE 0000	4	3	4	3	3	2	2	2	2	1	83.5	
	20.0	13.5	16.0	10.5	9.0	5.0	4.0	3.0	2.0	0.5		
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: Owens Avenue East - Mojave to Eastern												
LVOE 0085	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: 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: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy.												
BHSA 0000, 0026	3	3	4	3	3	2	2	2	1	2	78.0	
	15.0	13.5	16.0	10.5	9.0	5.0	4.0	3.0	1.0	1.0		
PROJECT: Sahara Avenue - Eastern Lateral												
SAEA 0000	3	3	3	3	3	2	2	3	1	3	76.0	
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5		
PROJECT: Freeway Channel - Washington, Valley View to Decatur												
LV15 0602	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 - 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: Boulder Highway Sahara Avenue - LV Blvd. to Maryland												
BHSA 0175	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		

# 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			
<b>HYDROGRAPHIC BASIN: GOWAN</b>												
<b>PROJECT: Gowan Box Canyon - Lone Mountain Road</b>												
GOBX 0015	4	4	3	3	2	3	3	4	3	2	90.0	
	20.0	18.0	12.0	10.5	6.0	7.5	6.0	6.0	3.0	1.0		
<b>PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street</b>												
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		
<b>PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial</b>												
GOEC 0100, 0126, 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		
<b>PROJECT: Gowan - Alexander Rd., Rancho to Decatur</b>												
GOAL 0000	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		
<b>PROJECT: Gowan - Rancho, Craig to Alexander</b>												
GOAL 0100, 0111	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		
<b>PROJECT: Gowan - Alexander Branch</b>												
GOA2 0000	4	4	3	3	3	3	3	2	2	2	89.0	
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	3.0	2.0	1.0		
<b>PROJECT: Gowan - Craig and US-95</b>												
GOAL 0168, 0247	4	3	3	3	3	3	3	3	1	2	85.0	
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	1.0	1.0		
<b>PROJECT: Gowan Outfall - Clayton Branch</b>												
GOCL 0000	4	3	3	3	2	2	3	3	1	2	79.5	
	20.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	1.0	1.0		
<b>HYDROGRAPHIC BASIN: UPPER NORTHERN LAS VEGAS WASH</b>												
<b>PROJECT: LVW - Moccasin, Skye Canyon Park to Upper LVW</b>												
LVMO 0000	4	3	4	3	3	3	3	3	2	3	90.5	
	20.0	13.5	16.0	10.5	9.0	7.5	6.0	4.5	2.0	1.5		
<b>PROJECT: Brent Drainage System - Durango to El Capitan</b>												
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	Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5			
<b>CITY OF NORTH LAS VEGAS</b>												
<b>HYDROGRAPHIC BASIN: LOWER NORTHERN LAS VEGAS WASH</b>												
PROJECT: Fifth Street Collector - Centennial to Deer Springs												
LV5C 0002, 0050	4	3	3	3	3	2	2	2	2	2	2	80.0
	20.0	13.5	12.0	10.5	9.0	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: Las Vegas Boulevard Drain												
LVLV 0000	3	3	3	3	3	2	2	2	2	2	3	75.5
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.5		
PROJECT: Lake Mead Drain to Las Vegas Wash												
LVLE 0000, 0047	3	3	3	3	3	2	2	2	2	2	2	75.0
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0		
<b>HYDROGRAPHIC BASIN: RANGE</b>												
PROJECT: Hollywood System, Dunes South Detention Basin to Centennial Pkwy, Ph 2												
RWHW 0000, 0038, 0080, 0136, 0173	4	4	3	3	3	3	3	4	3	2	2	93.0
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	6.0	3.0	1.0		
PROJECT: Orchard Collector - Charleston to Linden												
SLOR 0158	3	4	3	3	4	3	2	3	2	2	2	86.5
	15.0	18.0	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0		
PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin												
RWHW 0300, 0355, 0369, 0410, 0412	3	3	4	4	3	2	3	3	2	2	2	86.0
	15.0	13.5	16.0	14.0	9.0	5.0	6.0	4.5	2.0	1.0		
PROJECT: Vandenberg North Detention Basin, Collection & Outfall												
RWWE 0352, 0397 thru 0439	3	4	3	3	3	2	3	4	3	2	2	85.5
	15.0	18.0	12.0	10.5	9.0	5.0	6.0	6.0	3.0	1.0		
PROJECT: Range Wash - Ann Branch, Phase 2												
RWAN 0000, 0050	3	3	3	3	3	3	3	3	3	3	3	82.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.5		
PROJECT: Beltway Collection System - Pecos												
RWWE 0463 & RWBW 0000	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 - Beltway Conveyance												
RWBW 0030, RWWE 0493 & 0517	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: Owens Detention Basin & Outfall												
SLWA 0130 thru 0175 & SLOW 0000, 0005	3	3	3	3	4	2	2	2	2	2	2	78.0
	15.0	13.5	12.0	10.5	12.0	5.0	4.0	3.0	2.0	1.0		
PROJECT: Range Wash - Alto Conveyance, Confluence DB to Los Feliz												
RWAL 0000, 0068	3	3	3	3	3	2	2	3	3	3	3	78.0
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	3.0	1.5		
PROJECT: Beltway Detention Basin & Channel												
RWRR 0107 thru 0261 & RWBE 0000	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: Range Wash - Sloan Channel, Stewart Bridge												
RWSL 0188	3	3	3	3	3	2	2	2	2	2	2	75.0
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0		
PROJECT: Speedway North Detention Basin and Outfall												
RWHW 0459, 0498, 0499, 0500	3	3	3	2	3	2	2	3	2	2	2	73.0
	15.0	13.5	12.0	7.0	9.0	5.0	4.0	4.5	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		

# 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			
<b>CLARK COUNTY</b>												
<b>HYDROGRAPHIC BASIN: Tropicana/ Flamingo</b>												
<b>PROJECT: Airport Channel - Naples</b>												
TRMC 0013, 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	
<b>PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.</b>												
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	
<b>PROJECT: Wagon Trail Channel - Sunset to Teco</b>												
WGTR 0111	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	2 3.0	3 3.0	3 1.5	81.0	
<b>PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy.</b>												
LV01 0001, 0038, 0040, 0078, 0080, 0117, 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	1 1.0	2 1.0	81.0	
<b>PROJECT: Flamingo Wash - Maryland to Palos Verde</b>												
FLWA 0621 & 0673	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	2 3.0	2 2.0	1 0.5	79.0	
<b>PROJECT: Tropicana Avenue Conveyance - Boulder Hwy. to Morris</b>												
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	75.5	
<b>PROJECT: Tropicana Avenue Conveyance, Morris to Mountain Vista</b>												
LV01 0151	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	2 1.0	73.0	
<b>PROJECT: Flamingo - Cimarron Branch</b>												
FLCM 0003, 0040	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	2 1.0	73.0	
<b>PROJECT: Flamingo Wash Maryland - UNLV</b>												
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	
<b>PROJECT: Las Vegas Wash - Christy</b>												
LVCH 0000, 0114	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	
<b>PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.</b>												
LV02 0001 thru 0294	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	
<b>PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos</b>												
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	
<b>PROJECT: Blue Diamond - Buffalo Branch</b>												
BDBF 0010, 0076, 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	
<b>PROJECT: Las Vegas Wash - Boulder Highway</b>												
LVBH 0000	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	1 2.5	3 6.0	2 3.0	2 2.0	1 0.5	70.0	
<b>HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond</b>												
<b>PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar</b>												
BD02 0334, 0358	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	4 2.0	92.0	
<b>PROJECT: Duck Creek Wash, Torrey Pines to Rainbow</b>												
DCWA 1775, 1803, 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	3 1.5	91.5	
<b>PROJECT: Duck Creek Jones Boulevard</b>												
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	
<b>PROJECT: Duck Creek Haven Street</b>												
DCHV 0026, 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	
<b>PROJECT: Blue Diamond Wash - Arville to I-15</b>												
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	
<b>PROJECT: Silverado Ranch Detention Basin and Outfall Facilities</b>												
BD02 0125 thru 0312 & 0359 and 0385	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	3 1.5	82.5	
<b>PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.</b>												
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	
<b>PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones</b>												
DCW4 0298	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	
<b>PROJECT: Duck Creek, Sunset Park</b>												
DCSP 0000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	2 2.0	2 1.0	80.0	
<b>PROJECT: Blue Diamond Wash Railroad</b>												
BDW5 0026	1 5.0	4 18.0	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	3 4.5	2 2.0	1 0.5	79.0	
<b>PROJECT: Blue Diamond Channel, Amigo to Rancho Destino</b>												
BDWA 0087 thru 0174	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	

EXHIBIT C

CITY OF HENDERSON  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 11, 2019

	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023					SECOND FIVE YEARS 7/2023 THRU 6/2028						
				(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21	(Year 4) FY 21/22	(Year 5) FY 22/23	(Year 6) FY 23/24	(Year 7) FY 24/25	(Year 8) FY 25/26	(Year 9) FY 26/27	(Year 10) FY 27/28		
<b>TOTAL PLAN</b>			<b>\$913,426,313</b>	<b>\$49,548,970</b>	<b>\$237,862,133</b>	<b>\$43,366,964</b>	<b>\$46,864,694</b>	<b>\$50,390,134</b>	<b>\$64,347,619</b>	<b>\$244,971,101</b>	<b>\$48,896,551</b>	<b>\$52,961,248</b>	<b>\$67,163,131</b>		
Unencumbered from previous year	\$27,073,778		<b>\$857,972,587</b>	\$23,045,441	\$40,201,999	\$21,472,596	\$21,443,889	\$34,807,281	\$31,080,451	\$105,981,970	\$105,053,811	\$60,071,324	\$55,453,728		
<b>ENTITY RESOURCES</b>			<b>\$58,928,407</b>	<b>(\$11,887,643)</b>	<b>\$19,856,129</b>	<b>\$3,620,165</b>	<b>\$3,911,311</b>	<b>\$4,205,606</b>	<b>\$4,627,133</b>	<b>\$20,856,733</b>	<b>\$4,163,031</b>	<b>\$4,509,988</b>	<b>\$4,866,844</b>		
Unencumbered from previous year	(\$15,823,866)			<b>(\$10,367,292)</b>	<b>\$7,776,673</b>	<b>\$1,824,137</b>	<b>\$4,850,283</b>	<b>\$5,681,044</b>	<b>\$2,327,864</b>	<b>\$19,557,868</b>	<b>\$15,742,895</b>	<b>\$10,379,338</b>	<b>\$16,246,179</b>		
<b>ENTITY TOTAL</b>			<b>\$43,682,228</b>	<b>(\$699,646)</b>	<b>\$1,491,460</b>	<b>\$9,172,700</b>	<b>\$785,165</b>	<b>\$3,474,845</b>	<b>\$6,980,312</b>	<b>\$4,626,909</b>	<b>\$7,977,834</b>	<b>\$9,872,649</b>	<b>\$0</b>		
<b>HYDROGRAPHIC BASIN: PITTMAN</b>			<b>\$385,345,198</b>	<b>\$119,723,073</b>	<b>\$31,281,502</b>	<b>\$797,113</b>	<b>\$980,586</b>	<b>\$8,322,943</b>	<b>\$785,165</b>	<b>\$0</b>	<b>\$1,524,327</b>	<b>\$4,626,909</b>	<b>\$5,241,724</b>	<b>\$8,982,735</b>	<b>\$0</b>
<b>SYSTEM: Pittman Burns</b>			<b>\$62,860,544</b>	<b>\$16,710,795</b>	<b>\$389,636</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$389,636</b>	<b>\$0</b>	<b>\$0</b>	
<b>PROJECT: Galleria to Boulder Hwy.</b>															
Design/Admin		Design Started 09/10	\$331,728										\$41,740		
Right-of-way	PTSU 0023, 0034	HEN12149 (Closed)	\$265,282										\$347,896		
Construction		Eng. Est.	\$2,711,852												
<b>SYSTEM: Pittman Beltway</b>			<b>\$197,079,852</b>	<b>\$26,037,888</b>	<b>\$4,346,206</b>	<b>(\$85,251)</b>	<b>\$980,586</b>	<b>\$512,708</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,938,163</b>	<b>\$0</b>	<b>\$0</b>	
<b>PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights</b>															
CLOSEOUT	Design/Admin	Design Started 09/10	\$92,803			(\$85,251)	\$49,433								
Right-of-way	PTAP 0018	HEN22A09	\$74,242												
Construction			\$683,341				\$883,613								
<b>PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer</b>															
Design/Admin			\$1,319,867										\$1,259,213		
Right-of-way	PTMO 0000, 0073		\$1,056,894										\$1,678,550		
Construction			\$9,437,253												
<b>PROJECT: Pittman East Detention Basin Stormwater Quality Retrofit</b>															
Design/Admin		Estimated costs	\$0				\$47,540	\$32,644							
Right-of-way	PTEA 0438		\$0												
Construction			\$0					\$480,064							
<b>SYSTEM: Lower Pittman</b>			<b>\$124,601,910</b>	<b>\$21,181,633</b>	<b>\$9,898,115</b>	<b>\$934,549</b>	<b>\$0</b>	<b>\$7,810,235</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,153,330</b>	<b>\$0</b>	<b>\$0</b>	
<b>PROJECT: Whitney Ranch Channel Replacement</b>															
Design/Admin		Design Started 18/19	\$608,000			\$449,800	\$443,305								
1st Supplement	Design/Admin	WVDC 0001, 0016, 0031,													
Right-of-way	0034, 0053, 0056, 0070	HEN27F16	\$161,000			\$431,605									
Construction			\$5,371,000			\$54,164									
<b>PROJECT: Pittman Wash, Eastern to Pecos</b>															
Design/Admin			\$1,208,885										\$1,153,330		
Right-of-way	FTWA 0346, 0409,		\$967,107												
Construction	0412, 0478, 0468		\$5,643,527												
<b>SYSTEM: Pittman Pabco</b>			<b>\$173,330</b>	<b>\$7,135,222</b>	<b>\$760,595</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$760,595</b>	<b>\$0</b>	<b>\$0</b>	
<b>PROJECT: Warm Springs Rd. to Lake Mead Pkwy (Boulder Hwy)</b>															
Design/Admin			\$787,232										\$760,595		
Right-of-way	PTPA 0281, 0285, 0325		\$637,368												
Construction			\$5,700,208												
<b>SYSTEM: Upper Pittman</b>			<b>\$629,562</b>	<b>\$48,657,734</b>	<b>\$15,866,951</b>	<b>(\$52,185)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$785,165</b>	<b>\$0</b>	<b>\$1,524,327</b>	<b>\$4,626,909</b>	<b>\$0</b>	<b>\$8,982,735</b>	<b>\$0</b>
<b>PROJECT: Pittman North Detention Basin and Outfall - Phase II - Starr Avenue</b>															
Design/Admin		HEN18A01													
Right-of-way	PTWA 0884														
Construction			\$580,422												
<b>PROJECT: Pittman North Detention Basin and Outfall</b>															
15th Supplement	Design/Admin		\$1,688,359			\$83,000									
Right-of-way	PTNO 0160, 0181, 0182	HEN18A01	\$1,334,887												
Construction		Eng. Est.	\$9,872,999												
<b>PROJECT: Pittman North Detention Basin to Larson Lane</b>															
Design/Admin			\$396,076					\$336,499		\$245,134					
Right-of-way	PTSD 0000, 0018,		\$317,581					\$448,856							
Construction	0017, 0043		\$2,838,375							\$4,381,775					
<b>PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.</b>															
Design/Admin			\$726,451							\$653,282			\$475,906		
Right-of-way	PTLA 0000, 0045, 0089,		\$581,182							\$871,045					
Construction	0070, 0093, 0094, 0128		\$5,194,132										\$8,506,820		

EXHIBIT C

**CITY OF HENDERSON**  
**10-YEAR CONSTRUCTION PROGRAM**  
 Amended April 11, 2019

Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023					SECOND FIVE YEARS 7/2023 THRU 6/2028					
			(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21	(Year 4) FY 21/22	(Year 5) FY 22/23	(Year 6) FY 23/24	(Year 7) FY 24/25	(Year 8) FY 25/26	(Year 9) FY 26/27	(Year 10) FY 27/28	
<b>TOTAL PLAN</b>		<b>\$913,426,313</b>											
Unencumbered from previous year	\$27,073,778												
<b>ENTITY RESOURCES</b>		<b>\$857,972,587</b>											
Unencumbered from previous year	(\$15,823,886)												
<b>ENTITY TOTAL</b>		<b>\$43,682,228</b>	<b>(\$699,646)</b>	<b>\$1,491,460</b>	<b>\$9,172,700</b>	<b>\$785,165</b>	<b>\$3,474,845</b>	<b>\$6,980,312</b>	<b>\$4,626,909</b>	<b>\$7,977,834</b>	<b>\$9,872,649</b>	<b>\$0</b>	
<b>HYDROGRAPHIC BASIN: C-1</b>	<b>\$125,899,093</b>	<b>\$33,164,068</b>	<b>\$12,420,726</b>	<b>(\$1,496,759)</b>	<b>\$510,874</b>	<b>\$849,757</b>	<b>\$0</b>	<b>\$3,474,845</b>	<b>\$5,455,986</b>	<b>\$0</b>	<b>\$2,736,109</b>	<b>\$889,914</b>	<b>\$0</b>
<b>SYSTEM: C-1</b>	<b>\$125,899,093</b>	<b>\$33,164,068</b>	<b>\$12,420,726</b>	<b>(\$1,496,759)</b>	<b>\$510,874</b>	<b>\$849,757</b>	<b>\$0</b>	<b>\$3,474,845</b>	<b>\$5,455,986</b>	<b>\$0</b>	<b>\$2,736,109</b>	<b>\$889,914</b>	<b>\$0</b>
<b>PROJECT: Center Street Storm Drain</b>													
CLOSEOUT Design/Admin													
Design/Admin	C1CT 0000 thru 0075	Design Started 09/10	\$450,588										
Right-of-way	& C1LM 0095			(\$1,485,209)									
Construction	HEN23A09		\$360,470										
CLOSEOUT Construction			\$3,221,701										
<b>PROJECT: Cadiz Storm Drain - Racetrack to Pueblo</b>													
Design/Admin	C1CA 0000		\$274,026			\$218,946		\$158,499					
Right-of-way			\$219,220			\$291,928							
Construction			\$1,959,285					\$2,851,041					
<b>PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road</b>													
Design/Admin	C1PK 0040	Design Started 09/10	\$71,969										
Right-of-way			\$57,575										\$47,148
Construction	HEN04C09		\$514,579										\$842,760
<b>PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead</b>													
Design/Admin	C1CH 0161, 0173, 0204		\$442,522			\$384,182		\$265,301					
Right-of-way			\$354,018			\$485,575							
Construction			\$3,420,050					\$5,125,964					
<b>PROJECT: Equestrian Detention Basin Expansion</b>													
CLOSEOUT Design/Admin	C1EQ 0160	Design Started 09/10											
Right-of-way				(\$11,549)									
Construction	HEN06H09												
<b>PROJECT: Burkholder to Warm Springs (Lake Mead Pkwy)</b>													
Design/Admin			\$227,913					\$198,968				\$144,959	
Right-of-way	C1LM 0141, 0144, 0158, 0158, 0182, 0184		\$182,331					\$265,317					
Construction			\$1,829,578									\$2,591,150	





EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 11, 2019

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023					SECOND FIVE YEARS 7/2023 THRU 6/2028				
					(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21	(Year 4) FY 21/22	(Year 5) FY 22/23	(Year 6) FY 23/24	(Year 7) FY 24/25	(Year 8) FY 25/26	(Year 9) FY 26/27	(Year 10) FY 27/28
					Unencumbered from previous year	Cumulative Available Resources	Unencumbered from previous year	Cumulative Available Resources	Unencumbered from previous year	Cumulative Available Resources	Unencumbered from previous year	Cumulative Available Resources	Unencumbered from previous year	Cumulative Available Resources
<b>TOTAL PLAN</b>				<b>\$913,426,313</b>	\$49,548,970	\$237,862,133	\$43,366,964	\$46,854,684	\$50,380,134	\$54,347,619	\$244,971,101	\$48,896,551	\$52,961,248	\$57,163,131
<b>ENTITY RESOURCES</b>				<b>\$857,972,587</b>	\$23,045,441	\$40,201,969	\$21,472,596	\$21,443,686	\$34,807,261	\$31,080,451	\$105,881,970	\$105,653,811	\$60,071,324	\$55,453,726
<b>ENTITY TOTAL</b>				<b>\$329,344,045</b>	\$316,455	\$108,079,175	\$17,363,753	\$17,250,118	\$13,335,978	\$19,450,177	\$79,528,981	\$10,376,291	\$45,157,323	\$18,485,794
<b>HYDROGRAPHIC BASIN: GOWAN</b>		\$293,217,265	\$158,747,407	\$102,260,252	\$6,455	\$40,836,911	\$12,447,664	\$0	\$9,034,992	\$4,985,692	\$18,378,888	\$0	\$16,569,651	\$0
<b>SYSTEM: Gowan North</b>		\$166,668,680	\$158,433,211	\$102,260,252	\$6,455	\$40,836,911	\$12,447,664	\$0	\$9,034,992	\$4,985,692	\$18,378,888	\$0	\$16,569,651	\$0
<b>PROJECT: Simmons Street Drainage Improvements</b>					\$6,455									
Amend CLOSEOUT Design/Admin				\$6,455										
Right-of-way Construction														
<b>PROJECT: Gowan Box Canyon - Lone Mountain Road</b>														
Design/Admin			\$544,816	\$8,347,722										
Right-of-way Construction	GOBX 0015	Design started in 15/16 LAS24115	\$435,993 \$3,944,007								\$336,303			
<b>PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street</b>														
Design/Admin			\$2,944,768	\$32,001,619										
Right-of-way Construction	GOCP 0276, 0285 0326, 0376	Design started 16/17 NLV04K17	\$2,944,768 \$2,356,830 \$27,653,410				\$1,588,585							
<b>PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road</b>														
Design/Admin			\$1,052,891	\$0										
Right-of-way Construction	GOEC 0000 thru 0076	Design started in 15/16 LAS24115	\$842,313 \$7,526,174											
<b>PROJECT: Gowan Outfall - Clayton Branch</b>														
Design/Admin			\$1,340,021	\$17,774,703										
Right-of-way Construction	GOCL 0000		\$1,672,016 \$9,581,151							\$1,205,052			\$877,862	
<b>PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial</b>														
Design/Admin			\$819,943	\$6,243,755										
Right-of-way Construction	GOEC 0100, 0128, 0152, 0178	Design Started in 17/18 LAS24L17	\$655,965 \$5,867,597				\$436,799							
<b>PROJECT: Gowan - Alexander Rd., Rancho to Decatur</b>														
Design/Admin			\$1,175,463	\$12,172,711										
Right-of-way Construction	GOAL 0000	Design Started in 13/14 LAS30A13 Eng's Est.	\$840,370 \$8,404,560				\$644,912							
<b>PROJECT: Gowan - Rancho, Craig to Alexander</b>														
Design/Admin			\$740,352	\$8,725,297										
Right-of-way Construction	GOAL 0100, 0111		\$592,282 \$5,283,519				\$591,540			\$430,828				
<b>PROJECT: Gowan - Alexander Branch</b>														
Design/Admin			\$334,069	\$4,055,692										
Right-of-way Construction	GOA2 0000		\$267,279 \$2,388,608				\$274,953			\$200,299				
<b>PROJECT: Gowan - Craig and US-95</b>														
Design/Admin			\$1,032,239	\$12,832,400										
Right-of-way Construction	GOAL 0168, 0247		\$825,781 \$7,380,812							\$901,234			\$637,413	
<b>HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH</b>		\$260,198,919	\$141,046,165	\$24,265,965	\$160,000	\$15,393,582	\$0	\$0	\$590,664	\$0	\$0	\$8,121,719	\$0	\$0
<b>SYSTEM: Ann Road</b>		\$71,679,876	\$13,931,771	\$160,000	\$160,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai</b>														
2nd Supplement Design/Admin			\$430,021	\$160,000										
1st Supplement Design/Admin			\$267,279	\$40,000										
Right-of-way Construction	RCHB 0236		\$344,017 \$3,074,648											
<b>SYSTEM: Upper Western Tributary</b>		\$156,679,079	\$52,671,081	\$8,712,383	\$0	\$0	\$0	\$0	\$590,664	\$0	\$0	\$8,121,719	\$0	\$0
<b>PROJECT: Brent Drainage System - Durango to El Capitan</b>														
Design/Admin			\$676,524	\$8,712,383										
Right-of-way Construction	BRDB 0107, 0157		\$541,220 \$4,837,150							\$590,664			\$430,290	
<b>SYSTEM: Kyle Canyon</b>		\$0	\$74,543,312	\$15,393,582	\$0	\$15,393,582	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>PROJECT: LWV - Moccasin, Skye Canyon Park to Upper LWV</b>														
Design/Admin			\$1,335,162	\$15,393,582										
Right-of-way Construction	LWMO 0000	Design start in 17/18 LAS31A17	\$1,068,130 \$9,546,409				\$1,007,667							

EXHIBIT C

CITY OF NORTH LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 11, 2019

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPJ	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023					SECOND FIVE YEARS 7/2023 THRU 6/2028						
					(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21	(Year 4) FY 21/22	(Year 5) FY 22/23	(Year 6) FY 23/24	(Year 7) FY 24/25	(Year 8) FY 25/26	(Year 9) FY 26/27	(Year 10) FY 27/28		
<b>TOTAL PLAN</b>				<b>\$913,426,313</b>	\$49,648,970	\$237,862,133	\$43,366,964	\$46,854,684	\$60,380,134	\$54,347,819	\$244,971,101	\$48,896,591	\$62,961,248	\$67,163,131		
Unencumbered from previous year	\$27,073,778			<b>\$857,972,587</b>	\$23,045,441	\$40,201,969	\$21,472,596	\$21,443,869	\$34,807,281	\$31,080,451	\$105,981,970	\$106,853,811	\$60,071,324	\$65,453,728		
<b>ENTITY RESOURCES</b>				<b>\$191,420,410</b>	\$28,840,587	\$45,714,905	\$6,334,730	\$9,005,038	\$9,642,596	\$10,653,080	\$48,018,603	\$9,564,576	\$10,361,327	\$11,204,969		
Unencumbered from previous year	\$19,317,733				\$12,159,896	\$11,133,339	\$2,874,675	\$708,021	\$10,390,617	\$12,895,285	\$47,629,723	\$44,918,592	\$28,938,606	\$16,477,192		
<b>ENTITY TOTAL</b>				<b>\$488,547,325</b>	<b>\$340,609,220</b>	<b>\$174,943,218</b>	<b>\$16,680,692</b>	<b>\$46,741,462</b>	<b>\$16,593,194</b>	<b>\$11,171,892</b>	<b>\$0</b>	<b>\$8,148,412</b>	<b>\$13,284,164</b>	<b>\$12,297,707</b>	<b>\$26,359,313</b>	<b>\$23,666,383</b>
<b>HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH</b>				<b>\$258,588,054</b>	<b>\$151,646,075</b>	<b>\$33,541,252</b>	<b>(\$1,688,592)</b>	<b>\$5,124,000</b>	<b>\$400,268</b>	<b>\$733,474</b>	<b>\$0</b>	<b>\$4,865,893</b>	<b>\$11,062,457</b>	<b>\$0</b>	<b>\$13,043,752</b>	<b>\$0</b>
<b>SYSTEM: Lower Western Tributary</b>				<b>\$97,913,008</b>	<b>\$17,756,271</b>	<b>(\$1,672,675)</b>	<b>(\$1,672,675)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Central Freeway Channel at Cheyenne</b>																
Design/Admin		Design Started 13/14	\$619,236													
Design/Admin	LV15 0051	NLV18F13		(\$1,636,646)												
Right-of-way		NLV18F13	\$435,389													
CLOSEOUT		Construction	\$4,427,635													
<b>PROJECT: Brooks Channel</b>																
Design/Admin		Design Started 07/08	\$56,495													
Right-of-way	LVBR 0000,0006,0011	NLV18B07	\$45,198	(\$36,029)												
CLOSEOUT		Construction														
<b>SYSTEM: LV Wash Craig</b>				<b>\$109,468,557</b>	<b>\$40,950,363</b>	<b>\$10,390,161</b>	<b>\$0</b>	<b>\$5,124,000</b>	<b>\$400,268</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,865,893</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: North Las Vegas Detention Basin Upgrade</b>																
Design/Admin			\$488,372				\$400,268				\$791,519					
Right-of-way	LVVP 0406		\$389,097	\$5,266,161												
Construction			\$3,051,363								\$4,574,304					
<b>PROJECT: Fifth Street Collector - Centennial to Deer Springs</b>																
Design/Admin		Design started 16/17	\$470,561				\$466,000									
Right-of-way	LVSC 0002,0050	NLV17C16	\$385,432	\$5,124,000												
Construction			\$3,444,794				\$4,650,000									
<b>SYSTEM: Cheyenne Lamb Nellis</b>				<b>\$51,204,469</b>	<b>\$92,939,441</b>	<b>\$24,823,766</b>	<b>(\$15,917)</b>	<b>\$0</b>	<b>\$733,474</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11,062,457</b>	<b>\$0</b>	<b>\$13,043,752</b>	<b>\$0</b>	
<b>PROJECT: Lake Mead Drain to Las Vegas Wash</b>																
Design/Admin			\$1,054,674									\$977,085		\$691,060		
Right-of-way	LVLE 0000,0047		\$843,900	\$14,020,837												
Construction			\$7,542,353											\$12,352,643		
<b>PROJECT: Las Vegas Boulevard Drain</b>																
Design/Admin			\$885,298					\$733,474								
Right-of-way	LVV 0000		\$922,237	\$10,818,846										\$534,325		
Construction			\$6,186,866											\$9,551,047		
<b>PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan</b>																
CLOSEOUT		Design Started 13/14	\$150,941				(\$16,917)									
Design/Admin	LVNC 0038	NLV01H13	\$120,753	(\$16,917)												
Construction		Eng. Est.	\$1,076,232													





EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 11, 2019

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023					SECOND FIVE YEARS 7/2023 THRU 6/2028				
					(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21	(Year 4) FY 21/22	(Year 5) FY 22/23	(Year 6) FY 23/24	(Year 7) FY 24/25	(Year 8) FY 25/26	(Year 9) FY 26/27	(Year 10) FY 27/28
<b>TOTAL PLAN</b>				<b>\$913,426,313</b>										
Unencumbered from previous year	\$27,073,778			<b>\$857,972,587</b>	\$49,548,870	\$237,862,133	\$43,306,964	\$46,854,884	\$50,380,134	\$54,347,619	\$244,971,101	\$48,896,551	\$52,961,248	\$57,163,131
<b>ENTITY RESOURCES</b>				<b>\$288,076,737</b>	\$23,045,441	\$40,201,989	\$21,472,596	\$21,443,889	\$34,807,281	\$31,080,451	\$105,653,811	\$105,653,811	\$60,071,324	\$55,453,726
Unencumbered from previous year	\$22,801,839				\$37,480,136	\$70,463,847	\$12,846,951	\$13,880,147	\$14,824,520	\$16,420,399	\$74,014,711	\$14,773,433	\$16,001,526	\$17,271,068
<b>ENTITY TOTAL</b>		<b>\$1,066,286,455</b>	<b>\$547,373,058</b>	<b>\$279,911,176</b>	<b>\$37,203,593</b>	<b>\$54,958,812</b>	<b>\$10,901,779</b>	<b>\$17,645,994</b>	<b>\$16,884,853</b>	<b>\$14,330,737</b>	<b>\$72,629,527</b>	<b>\$18,572,877</b>	<b>\$17,154,451</b>	<b>\$19,628,552</b>
<b>HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond</b>		<b>\$302,474,814</b>	<b>\$201,718,434</b>	<b>\$82,143,287</b>	<b>\$13,130,888</b>	<b>\$30,483,142</b>	<b>\$10,561,779</b>	<b>\$14,718,693</b>	<b>\$13,248,985</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SYSTEM: Blue Diamond Tributaries</b>		<b>\$45,918,214</b>	<b>\$47,534,900</b>	<b>\$22,102,669</b>	<b>\$888,000</b>	<b>\$6,643,251</b>	<b>\$5,246,061</b>	<b>\$0</b>	<b>\$9,325,357</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Blue Diamond Wash - Arville to I-15</b>														
Design/Admin			\$503,358		\$438,000	\$268,121								
Right-of-way	BDWA 0276		\$402,886	\$5,495,784										
Construction			\$3,599,007			\$4,792,663								
<b>PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.</b>														
Design/Admin			\$506,588		\$435,000	\$277,937								
Right-of-way	DCBD 0075, 0082 & 0084		\$405,271	\$5,699,061	\$18,000									
Construction			\$3,622,105			\$4,968,124								
<b>PROJECT: Blue Diamond Channel, Amigo to Rancho Destino</b>														
Design/Admin			\$848,814			\$678,201		\$494,059						
Right-of-way	BDWA 0087 thru 0174		\$679,051	\$10,807,824		\$804,267								
Construction			\$6,089,022					\$8,831,298						
<b>SYSTEM: Upper Duck Creek</b>		<b>\$66,782,047</b>	<b>\$74,969,770</b>	<b>\$39,554,582</b>	<b>\$6,475,344</b>	<b>\$23,839,891</b>	<b>\$5,315,718</b>	<b>\$0</b>	<b>\$3,923,628</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Duck Creek Jones Boulevard</b>														
Design/Admin		RTC Project	\$831,705		\$410,204									
Right-of-way	DC-JB 0000, 0043		\$665,364	\$2,243,302										
Construction			\$5,946,690		\$1,833,098									
<b>PROJECT: Silverado Ranch Detention Basin and Outfall Facilities</b>														
Design/Admin	BD02 0125 thru 0312 & 0356 and 0385	Design Started 13/14	\$1,857,765	\$23,854,540		\$989,566								
Right-of-way		CLA08513	\$1,489,212											
Construction			\$13,190,259			\$72,564,973								
<b>PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar</b>														
Design/Admin		RTC Project	\$430,297		\$500,000									
Right-of-way	BD02 0334, 0358	No Design	\$344,239	\$3,500,000										
Construction			\$3,076,828		\$3,000,000									
<b>PROJECT: Blue Diamond Wash Railroad</b>														
Design/Admin			\$257,137			\$285,351		\$207,674						
Right-of-way	BDW5 0028		\$785,709	\$4,561,265	\$352,288									
Construction			\$2,553,531					\$3,716,754						
<b>PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones</b>														
Design/Admin			\$513,315		\$379,757	\$281,627								
Right-of-way	DCW4 0288		\$410,652	\$5,896,475										
Construction			\$3,670,199			\$5,034,061								
<b>SYSTEM: Lower Duck Creek</b>		<b>\$165,125,232</b>	<b>\$22,785,422</b>	<b>\$15,739,574</b>	<b>\$1,020,882</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,718,693</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Duck Creek, Sunset Park</b>														
Design/Admin			\$1,379,919		\$1,020,882			\$779,798						
Design/Admin	DCSP 0000		\$1,103,935	\$15,739,574										
Construction			\$9,886,422					\$13,938,864						
<b>SYSTEM: Central Duck Creek</b>		<b>\$24,649,321</b>	<b>\$56,428,342</b>	<b>\$4,746,462</b>	<b>\$4,746,462</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Duck Creek Wash, Torrey Pines to Rainbow</b>														
Design/Admin	DCWA 1775, 1803, 1827	Developer Participation	\$387,474	\$600,000										
Right-of-way			\$309,979											
Construction			\$2,770,438		\$600,000									
<b>PROJECT: Duck Creek Haven Street</b>														
Design/Admin		RTC Project	\$445,410		\$219,680									
Right-of-way	DCWV 0028, 0050, 0057	No Design	\$356,329	\$4,146,462										
Construction			\$3,184,684		\$3,926,782									

EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 11, 2019

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026				
					(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21	(Year 4) FY 21/22	(Year 5) FY 22/23	(Year 6) FY 23/24	(Year 7) FY 24/25	(Year 8) FY 25/26	(Year 9) FY 26/27	(Year 10) FY 27/28
<b>TOTAL PLAN</b>				<b>\$913,426,313</b>	\$49,548,870	\$237,862,133	\$43,366,964	\$46,854,684	\$60,380,134	\$64,347,619	\$244,971,101	\$48,886,651	\$52,961,248	\$57,163,131
Unencumbered from previous year	\$27,073,778			<b>\$857,972,587</b>	\$23,045,441	\$40,201,969	\$21,472,596	\$21,443,889	\$34,807,281	\$31,080,451	\$105,981,970	\$105,853,811	\$60,071,324	\$55,453,726
<b>ENTITY RESOURCES</b>				<b>\$288,076,737</b>	\$37,480,136	\$70,463,647	\$12,846,951	\$13,880,147	\$14,924,520	\$16,420,399	\$74,014,711	\$14,773,433	\$16,001,526	\$17,271,068
Unencumbered from previous year	\$22,801,839				\$276,544	\$15,781,578	\$17,726,750	\$13,960,903	\$12,000,569	\$14,090,232	\$15,475,415	\$11,875,970	\$10,523,045	\$8,165,561
<b>ENTITY TOTAL</b>		<b>\$1,066,286,455</b>	<b>\$547,373,058</b>	<b>\$279,911,176</b>	<b>\$37,203,593</b>	<b>\$54,958,812</b>	<b>\$10,901,779</b>	<b>\$17,645,994</b>	<b>\$16,884,853</b>	<b>\$14,330,737</b>	<b>\$72,629,527</b>	<b>\$18,572,877</b>	<b>\$17,154,451</b>	<b>\$19,628,552</b>
<b>HYDROGRAPHIC BASIN: Outlying Areas</b>		<b>\$70,441,215</b>	<b>\$186,769,797</b>	<b>\$69,786,816</b>	<b>\$11,627,196</b>	<b>\$1,073,942</b>	<b>\$0</b>	<b>\$2,570,013</b>	<b>\$3,261,475</b>	<b>\$0</b>	<b>\$32,866,020</b>	<b>\$0</b>	<b>\$0</b>	<b>\$18,388,170</b>
<b>SYSTEM: Goodsprings</b>		<b>\$64,849</b>	<b>\$2,701,170</b>	<b>\$988,433</b>	<b>\$68,939</b>	<b>\$919,494</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Goodsprings - Phase I</b>														
Design/Admin	GSEA 0020	Design Started 09/10	\$91,455		\$0	\$48,715								
Right-of-way	GSPA 0027 & 0029	GSP01810	\$55,910	\$988,433	\$68,939									
Construction	GSRV 0019		\$83,904		\$0	\$870,779								
<b>SYSTEM: Muddy River &amp; Tributaries</b>		<b>\$25,323,000</b>	<b>\$118,662,000</b>	<b>\$45,633,876</b>	<b>\$10,405,257</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,570,013</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,858,810</b>	<b>\$0</b>	<b>\$0</b>	<b>\$16,999,796</b>
<b>PROJECT: Fairgrounds - Detention Basin (Whipple Street)</b>														
Design/Admin		Design Started 10/11	\$1,197,000		\$54,878									
Right-of-way	FOWS 0000, 0075, 0105, 0128, 0184, 0165, 0186	MOAO3A11	\$0	\$10,405,257										
Construction			\$8,344,000		\$9,840,580									
<b>PROJECT: Muddy River - Cooper to Yamashita</b>														
Design/Admin		MOAO1B89	\$1,267,000				\$1,027,241			\$748,330				
Right-of-way	MRLV 0396 thru 0508		\$1,141,713	\$18,992,927			\$1,542,771							
Construction			\$9,261,000							\$13,874,585.06				
<b>PROJECT: Bryner Avenue to Lewis</b>														
Design/Admin		MOAO1B89	\$1,395,000							\$1,235,895			\$900,331	
Right-of-way	MRLV 0198, 0240, 0268, 0276		\$0	\$18,235,891										\$16,099,465
Construction			\$9,878,000											
<b>SYSTEM: Mount Charleston</b>		<b>\$304,564</b>	<b>\$894,337</b>	<b>\$1,498,459</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$110,085</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,388,374</b>
<b>PROJECT: Rainbow Canyon Boulevard Bridge</b>														
Design/Admin			\$118,849								\$110,085			\$80,195
Right-of-way	MTCH 0001		\$0	\$1,498,459										\$1,308,179
Construction			\$75,688											
<b>SYSTEM: Laughlin</b>		<b>\$33,124,938</b>	<b>\$58,328,851</b>	<b>\$18,882,191</b>	<b>\$1,153,000</b>	<b>\$154,448</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,067,275</b>	<b>\$0</b>	<b>\$14,507,469</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Bridge Canyon Detention Basin</b>														
Design/Admin			\$1,110,088						\$969,203		\$685,485			
Right-of-way	LUHS 0415, 0416, 0417		\$0	\$12,413,474							\$10,758,787			
Construction			\$6,969,201											
<b>PROJECT: Bridge Canyon Outfall</b>														
Design/Admin			\$282,975						\$220,519		\$155,966			
Right-of-way	LUHS 0315, 0318, 0317		\$0	\$3,283,718										
Construction			\$1,863,212								\$2,807,231			
<b>PROJECT: Hiko Detention Basin Expansion</b>														
Design/Admin			\$193,302			\$154,448			\$112,513					
Right-of-way	LUHS 0244		\$0	\$2,032,000										
Construction			\$1,212,968						\$1,765,040					
<b>PROJECT: SR 163 at Casino Drive</b>														
1st Supplement Design/Admin		Design Started 08/09	\$98,081			\$73,000								
2nd Supplement Design/Admin						\$20,000								
5th Supplement Design/Admin						\$65,000								
Right-of-way	LUBC 0000, 0001, 0005			\$923,000										
Construction		LAU04A08	\$24,529											
1st Supplement		Eng. Est.	\$776,578			\$776,000								
2nd Supplement						\$230,000								
<b>SYSTEM: Searchlight</b>		<b>\$1,411,509</b>	<b>\$3,224,834</b>	<b>\$2,783,858</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$194,201</b>	<b>\$0</b>	<b>\$2,589,657</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Searchlight - West</b>														
Design/Admin			\$222,430						\$194,201		\$137,352			
Right-of-way	SRWE 0001 thru 0091		\$0	\$2,783,858										
Construction			\$1,588,528								\$2,452,306			

EXHIBIT C

CITY OF BOULDER CITY  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 11, 2019

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023					SECOND FIVE YEARS 7/2023 THRU 6/2028				
					(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21	(Year 4) FY 21/22	(Year 5) FY 22/23	(Year 6) FY 23/24	(Year 7) FY 24/25	(Year 8) FY 25/26	(Year 9) FY 26/27	(Year 10) FY 27/28
<b>TOTAL PLAN</b>			Annual Resources	<b>\$913,426,313</b>	\$49,548,970	\$237,862,133	\$43,366,954	\$46,894,684	\$50,380,134	\$54,347,619	\$244,971,101	\$48,896,551	\$52,961,248	\$57,163,131
Unencumbered from previous year	\$27,073,778		Cumulative Available Resources	<b>\$857,972,587</b>	\$23,045,441	\$40,201,969	\$21,472,596	\$21,443,899	\$34,807,281	\$31,080,451	\$105,981,970	\$105,653,611	\$60,071,324	\$55,453,726
<b>ENTITY RESOURCES</b>			Annual Resources	<b>\$6,674,896</b>	(\$713,479)	\$4,843,546	\$846,610	\$914,697	\$963,521	\$0	\$0	\$0	\$0	\$0
Unencumbered from previous year	(\$1,680,774)		Cumulative Available Resources		(\$713,479)	\$3,055,371	\$1,834,724	\$2,519,198	\$181,855	\$181,655	\$181,655	\$181,655	\$181,655	\$181,655
<b>ENTITY TOTAL</b>				<b>\$6,493,241</b>	<b>\$0</b>	<b>\$874,696</b>	<b>\$2,267,257</b>	<b>\$30,223</b>	<b>\$3,321,065</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>HYDROGRAPHIC BASIN: Boulder City</b>				<b>\$6,493,241</b>	<b>\$0</b>	<b>\$874,696</b>	<b>\$2,267,257</b>	<b>\$30,223</b>	<b>\$3,321,065</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SYSTEM: Georgia/Buchanan</b>				<b>\$2,478,975</b>	<b>\$0</b>	<b>\$136,263</b>	<b>\$1,953,202</b>	<b>\$30,223</b>	<b>\$359,267</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Georgia Buchanan Confluence Facilities</b>														
Design/Admin			\$170,542			\$136,263	\$93,567							
Right-of-way	GBGR 0003 & GBBC 0004		\$0	\$2,088,465										
Construction			\$1,355,802			\$1,859,635								
<b>PROJECT: Georgia Avenue Facilities - Vaquero Drive Bridge</b>														
Design/Admin			\$35,656				\$30,223	\$70,753						
Right-of-way	GBGR 0099		\$0	\$389,510										
Construction			\$232,647					\$336,534						
<b>SYSTEM: Hemenway</b>				<b>\$729,416</b>	<b>\$0</b>	<b>\$729,416</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Hemenway System, Phase IIA Improvements</b>														
Design/Admin	HMTH 0034		\$38,551											
Right-of-way	HMLM 0066 & 0085, HMWA 0158, 0173, 0175, & 0182	Design Started 09/10	\$0	\$0										
Construction		BOU1C10	\$299,441											
<b>PROJECT: Hemenway System, Phase IIB Improvements</b>														
Design/Admin	HMWA 0006, 0105 & HMLV 0006	Design Started 09/10	\$35,887	\$729,416		\$47,719								
Right-of-way		BOU1C10	\$0											
Construction		Eng. Est	\$69,980			\$681,697								
<b>SYSTEM: North Railroad</b>				<b>\$106,937</b>	<b>\$0</b>	<b>\$9,018</b>	<b>\$97,919</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Wells Drive Levee Lining</b>														
Design/Admin			\$11,287			\$9,018	\$6,192							
Right-of-way	NRIN 0088		\$0	\$106,937										
Construction			\$66,875			\$91,727								
<b>SYSTEM: West Airport</b>				<b>\$3,177,913</b>	<b>\$0</b>	<b>\$0</b>	<b>\$216,136</b>	<b>\$0</b>	<b>\$2,961,778</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: West Airport Facilities</b>														
Design/Admin			\$262,630			\$216,136	\$29,298							
Right-of-way	WAAP 0036, 0076, 0077		\$0	\$3,177,913										
Construction			\$1,877,807				\$2,732,476							

EXHIBIT C

CITY OF MESQUITE  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 11, 2019

Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPL	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2023					SECOND FIVE YEARS 7/2023 THRU 6/2028					
				(Year 1) FY 18/19	(Year 2) FY 19/20	(Year 3) FY 20/21	(Year 4) FY 21/22	(Year 5) FY 22/23	(Year 6) FY 23/24	(Year 7) FY 24/25	(Year 8) FY 25/26	(Year 9) FY 26/27	(Year 10) FY 27/28	
<b>TOTAL PLAN</b>														
Unencumbered from previous year		\$27,073,778	Annual Resources	\$913,426,313	\$49,548,970	\$237,862,133	\$43,366,984	\$48,884,684	\$50,380,134	\$54,347,819	\$244,971,101	\$48,896,551	\$52,961,248	\$57,163,131
			Cumulative Available Resources	\$857,972,587	\$23,045,441	\$40,201,969	\$21,472,596	\$21,443,889	\$34,807,281	\$31,080,451	\$105,981,970	\$105,853,811	\$60,071,324	\$55,453,726
<b>ENTITY RESOURCES</b>														
Unencumbered from previous year		\$3,247,740	Annual Resources	\$22,599,133	\$4,316,499	\$5,140,229	\$937,165	\$1,012,535	\$1,088,721	\$1,197,843	\$5,299,258	\$1,077,899	\$1,187,287	\$1,259,898
			Cumulative Available Resources	\$22,599,133	\$4,242,286	\$822,515	(\$4,037,974)	(\$3,025,439)	(\$1,936,719)	(\$9,903,687)	(\$4,604,429)	(\$3,426,720)	(\$2,259,443)	(\$999,545)
<b>ENTITY TOTAL</b>														
		\$70,955,608	\$57,741,074	\$23,598,678	\$76,213	\$8,560,000	\$5,797,654	\$0	\$0	\$9,164,811	\$0	\$0	\$0	\$0
<b>HYDROGRAPHIC BASIN: Mesquite</b>														
		\$70,955,608	\$57,741,074	\$23,598,678	\$76,213	\$8,560,000	\$5,797,654	\$0	\$0	\$9,164,811	\$0	\$0	\$0	\$0
<b>SYSTEM: Town Wash</b>														
		\$31,271,987	\$20,342,184	\$13,840,273	\$76,213	\$0	\$5,727,160	\$0	\$0	\$8,036,900	\$0	\$0	\$0	\$0
<b>PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash</b>														
1st Supplement	Design/Admin	TWMB 0000	Design started 17/18	\$823,347	\$50,000		\$272,459							
2nd Supplement	Design/Admin	Thru 0044	MESO1E17	\$454,532	\$26,213									
	Construction	TOWA 0120		\$4,456,929			\$4,870,206							
<b>PROJECT: Town Wash Mesa Boulevard, El Dorado to Chaparral</b>														
	Design/Admin	TWMB 0052, 0084		\$591,493			\$584,495			\$475,790				
	Right-of-way	0094		\$713,195						\$7,811,104				
	Construction			\$9,374,180										
<b>SYSTEM: Virgin River</b>														
		\$0	\$20,376,880	\$9,758,405	\$0	\$8,560,000	\$70,494	\$0	\$0	\$1,127,911	\$0	\$0	\$0	\$0
<b>PROJECT: Virgin River Flood Wall</b>														
	Design/Admin	VREC 0000	Design started 15/16	\$78,530		\$560,000								
	Right-of-way	MESO4A15		\$62,823										
	Construction		Eng Cost Est	\$465,287		\$8,000,000								
<b>PROJECT: Virgin River Erosion Protection, Phase I</b>														
	Design/Admin	VREC 0203, 0323		\$107,520		\$70,494				\$51,354				
	Right-of-way	0508, 0519		\$928,240						\$1,076,558				
	Construction			\$901,600										



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b> PITTMAN NORTH DETENTION BASIN AND OUTFALL
<b>PETITIONER:</b> CITY OF HENDERSON
<b>RECOMMENDATION OF PETITIONER:</b> THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE REQUEST TO REALLOCATE FUNDING IN THE INTERLOCAL CONTRACT FOR THE DESIGN FOR THE PITTMAN NORTH DETENTION BASIN AND OUTFALL – HEN16A01 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** N/A

**BACKGROUND:**

The District entered into an Interlocal Contract with the City of Henderson on July 12, 2001 to fund design engineering, right-of-way and environmental mitigation for the Pittman North Detention Basin and Outfall (previously known as Southwest Pittman Detention Basin and Outfall). A First Supplemental Interlocal Contract dated October 10, 2002 increased funding, a Second Supplemental Interlocal Contract dated January 8, 2004 extended the project completion date, a Third Supplemental Interlocal Contract dated May 20, 2004 added a line item for a CLOMR and decreased funding, a Fourth Supplemental Interlocal Contract dated April 14, 2005 increased funding, a Fifth Supplemental Interlocal Contract dated November 9, 2006 increased funding, a Sixth Supplemental Interlocal Contract dated November 10, 2010 extended the project completion date, a Seventh Supplemental Interlocal Contract dated December 8, 2011 increased funding and extended the project completion date for continued monitoring of ongoing mining activities approved through February 2015, and an Eighth Supplemental Interlocal Contract dated October 10, 2013 increased funding and extended the project completion date. The Ninth Supplemental Interlocal Contract dated March 13, 2014 increased funding to address shortfalls in the funding categories. The Ninth Supplemental Interlocal Contract also added ID miles PTNO 0190 and PTNO 0195 to the scope to include the design of an inlet structure and bridge, and of a riprap levee along Volunteer Road, respectively. The Tenth Supplemental Interlocal Contract dated September 11, 2014 added the channel from St. Rose Parkway to Starr Avenue, ID mile PTWA 0884, to the design engineering scope of work and increased funding for design engineering. The Eleventh Supplemental Interlocal Contract dated March 12, 2015 increased funding for completing the construction documents for

TAC AGENDA ITEM # 11 Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM # 11 Date: 04/29/19	

PTWA 0884 for construction phase services and extended the project completion date. The Twelfth Supplemental Interlocal Contract dated April 14, 2016 increased funding required to perform desert tortoise monitoring and protection services required during the animals' active season. The Thirteenth Supplemental Interlocal Contract dated December 8, 2016 increased funding for design engineering and CLOMR/LOMR. The Fourteenth Supplemental Interlocal Contract dated October 11, 2018 extended the project completion date.

The Fifteenth Supplemental Interlocal Contract dated January 10, 2019 increased the design engineering category to account for consultant and City expenditures to address construction support and ongoing project management related to changes in the design to the detention basin and outfall, accounted for increased FEMA application and review fees, and reallocated funds in the environmental category to the design engineering category.

There remains work to be completed and paid in the VTN design services agreement to be funded from the environmental category, therefore, it is necessary to reallocate funds. This request will allow for the reallocation of funds in the interlocal contract as follows:

	<u>Current Funding</u>	<u>Proposed Funding</u>	<u>Impact</u>
Design Engineering	\$ 1,672,971.42	\$ 1,671,369.22	\$ (1,602.20)
Right-of-Way	108,800.68	108,800.68	0.00
Environmental Mitigation	400,224.90	401,827.10	1,602.20
Other (CLOMR/LOMR)	63,927.00	63,927.00	0.00
Other (EAP, Dam Permit)	18,590.00	18,590.00	0.00
Total	\$ 2,264,514.00	\$ 2,264,514.00	\$ 0.00

Respectfully submitted,

DocuSigned by:



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

TAC AGENDA ITEM # 11 Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM # 11 Date: 04/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**PITTMAN NORTH DETENTION BASIN AND OUTFALL  
REALLOCATION OF FUNDING – HEN16A01**

The City of Henderson has submitted a request to reallocate funding within the interlocal contract for design engineering, right-of-way, environmental mitigation, Conditional Letter of Map Revision/Letter of Map Revision (CLOMR/LOMR) and a EAP/dam permit dated July 12, 2001 and supplemented October 10, 2002, January 8, 2004, May 20, 2004, April 14, 2005, November 9, 2006, November 10, 2010, December 8, 2011, October 10, 2013, March 13, 2014, September 11, 2014, March 12, 2015, April 14, 2016, December 8, 2016, October 11, 2018 and January 10, 2019.

The reallocation is necessary to cover work remaining to be completed and paid in the VTN design services agreement. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$1,672,971.42	(\$1,602.20)	\$1,671,369.22
Right-of-Way	\$ 108,800.68	\$ 0.00	\$ 108,800.68
Environmental Mitigation	\$ 400,224.90	\$ 1,602.20	\$ 401,827.10
CLOMR/LOMR	\$ 63,927.00	\$ 0.00	\$ 63,927.00
EAP, Dam Permit	\$ 18,590.00	\$ 0.00	\$ 18,590.00
<b>Total ILC Value</b>	<b>\$2,264,514.00</b>	<b>\$ 0.00</b>	<b>\$2,264,514.00</b>

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#11 Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#11 Date: 04/29/19

**Recommendation:**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

DUCK CREEK, LAS VEGAS BOULEVARD

**PETITIONER:**

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL INTERLOCAL CONTRACT NO. 1 FOR CONSTRUCTION TO EXTEND THE PROJECT COMPLETION DATE FOR DUCK CREEK, LAS VEGAS BOULEVARD – CLA08T14 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None.

**BACKGROUND:**

On September 11, 2014, the District approved an interlocal contract for construction and construction engineering for the Duck Creek, Las Vegas Boulevard project.

This first supplemental interlocal contract will extend the project completion date from June 30, 2019 to December 31, 2019 to submit final invoices and close out the project.

Respectfully submitted,

  
DENIS CEDERBURG  
Director of Public Works

TAC AGENDA ITEM # 12a Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM # 12a Date: 04/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

DUCK CREEK, LAS VEGAS BOULEVARD  
FIRST SUPPLEMENTAL INTERLOCAL CONTRACT – CLA08T14

Clark County has submitted a request to approve a first supplemental interlocal contract for construction and construction engineering to extend the project completion date from June 30, 2019 to December 31, 2019 for the Duck Creek, Las Vegas Boulevard project.

The extension is necessary to submit final invoices and close out the project.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#12a Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#12a Date: 04/29/19

**Recommendation:**

**FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR  
DUCK CREEK, LAS VEGAS BOULEVARD**

**THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT**, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2019, 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 2013 Master Plan Update, Structures Nos. DCLV 0000, 0010, and 0059, hereinafter referred to as "Project"; and

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2018 Master Plan Update, Structures Nos. DCLV 0000, 0010, and 0059, 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; and

**WHEREAS**, an interlocal contract was entered into between the District and the County on September 11, 2014; and

**WHEREAS**, the County wishes to extend the project completion date; and

**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 III – GENERAL, paragraph 15 shall be changed to read as follows:**

15. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to December 31, 2019. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days notice.

The remainder of the interlocal contract dated September 11, 2014 shall remain unchanged.

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

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

\_\_\_\_\_  
By: \_\_\_\_\_  
MARILYN KIRKPATRICK  
Chair

Attest:  
  
\_\_\_\_\_  
LYNN MARIE GOYA  
County Clerk

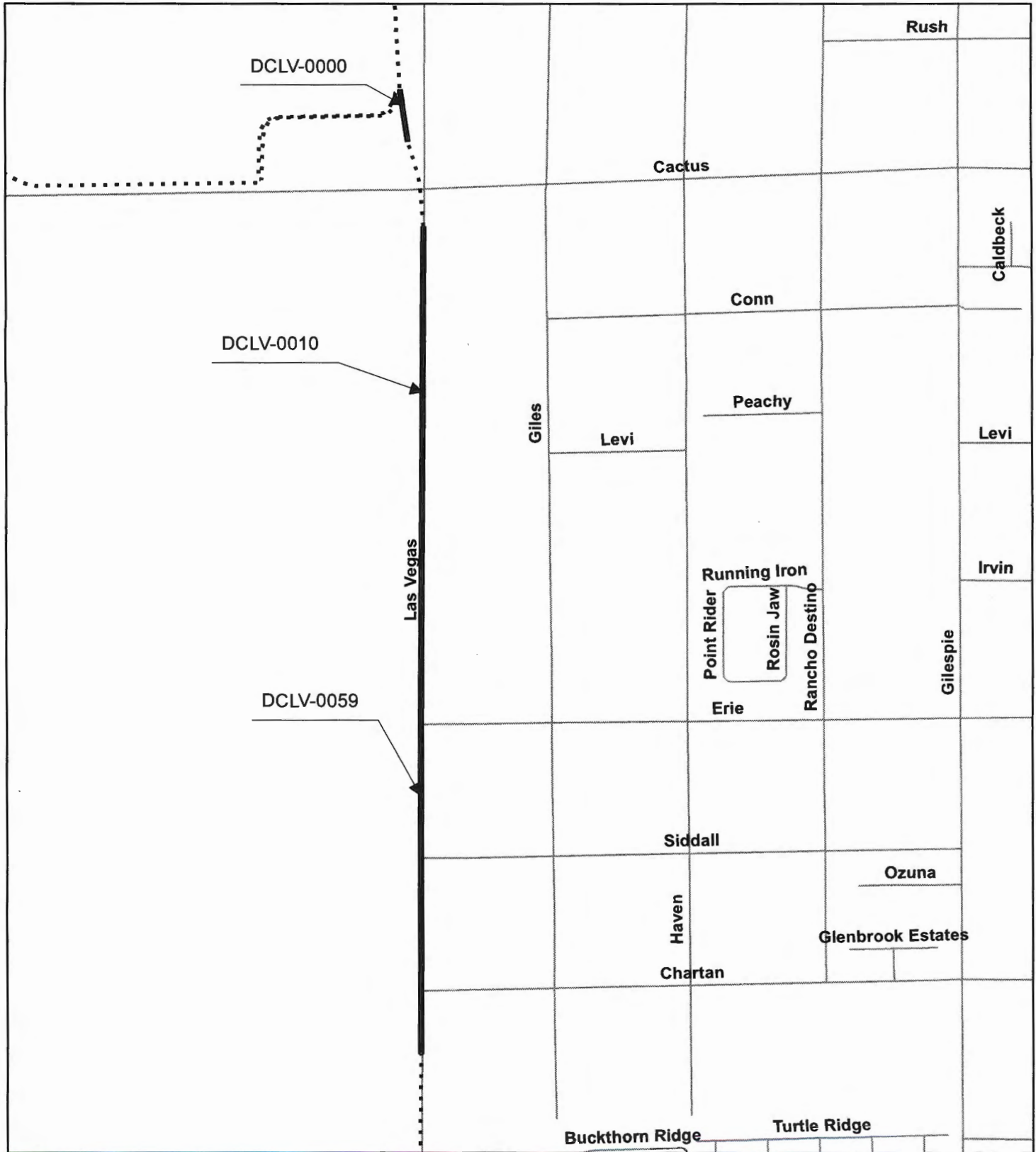
\*\*\*\*\*

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

\_\_\_\_\_  
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III, Chair

Attest:  
  
\_\_\_\_\_  
SHERRY ALLEN  
Secretary to the Board

Approved as to Form:  
  
\_\_\_\_\_  
CHRISTOPHER FIGGINS  
Chief Deputy District Attorney



**Legend**

- ..... Existing
- Proposed

**Exhibit A**



**Project Number: CLA08T14**

**Duck Creek  
Las Vegas Boulevard**

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 04-04-19

SHEET NUMBER: 1 OF 1





**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

LOCAL DRAINAGE IMPROVEMENTS FOR KATIE AVENUE STORM DRAIN

**PETITIONER:**

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL NO. 2 TO THE INTERLOCAL CONTRACT FOR CONSTRUCTION TO EXTEND THE PROJECT COMPLETION DATE FOR LOCAL DRAINAGE IMPROVEMENTS FOR KATIE AVENUE STORM DRAIN – CLD19A17 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

**BACKGROUND:**

On July 13, 2017, the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for construction for local drainage improvements for the Katie Avenue Storm Drain project. A first supplemental interlocal contract was approved on May 24, 2018 which increased funding and extended the project completion date.

This second supplemental interlocal contract will extend the project completion date from June 30, 2019 to December 31, 2019 to submit final invoices and close out the project.

Respectfully submitted,

  
\_\_\_\_\_  
DENIS CEDERBURG  
Director of Public Works

TAC AGENDA ITEM # 12b Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM # 12b Date: 04/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**LOCAL DRAINAGE IMPROVEMENTS FOR KATIE AVENUE STORM DRAIN  
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – CLD19A17**

Clark County has submitted a request to approve a second supplemental interlocal contract for construction to extend the project completion date from June 30, 2019 to December 31, 2019 for the Local Drainage Improvements for Katie Avenue Storm Drain project.

The extension is necessary to submit final invoices and close out the project.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#12b Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#12b Date: 04/29/19

**Recommendation:**

**SUPPLEMENTAL NO. 2 TO THE INTERLOCAL CONTRACT FOR  
LOCAL DRAINAGE IMPROVEMENTS IN  
KATIE AVENUE STORM DRAIN**

**THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT**, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2019, 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 PROJECT is identified and shown on the attached Exhibit "A"; and

**WHEREAS**, it is necessary to extend the project completion date for the Project; and

**NOW, THEREFORE**, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the COUNTY agree to supplement the Interlocal Contract approved July 13, 2017 and First Supplemental Interlocal contract approved May 24, 2018, as follows:

**SECTION III- GENERAL, paragraph 13 shall be changed to read as follows:**

- 13. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to December 31, 2019. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days notice.

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The remainder of the original Interlocal Contract dated July 13, 2017 and First Supplemental Interlocal Contract dated May 24, 2018 remain unchanged.

IN WITNESS WHEREOF, this Supplemental No. 2 to the Interlocal Contract is hereby executed as of the date first set forth above.

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

\_\_\_\_\_  
By: \_\_\_\_\_  
MARILYN KIRKPATRICK  
Chair

Attest:

\_\_\_\_\_  
LYNN MARIE GOYA  
County Clerk

\*\*\*\*\*

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

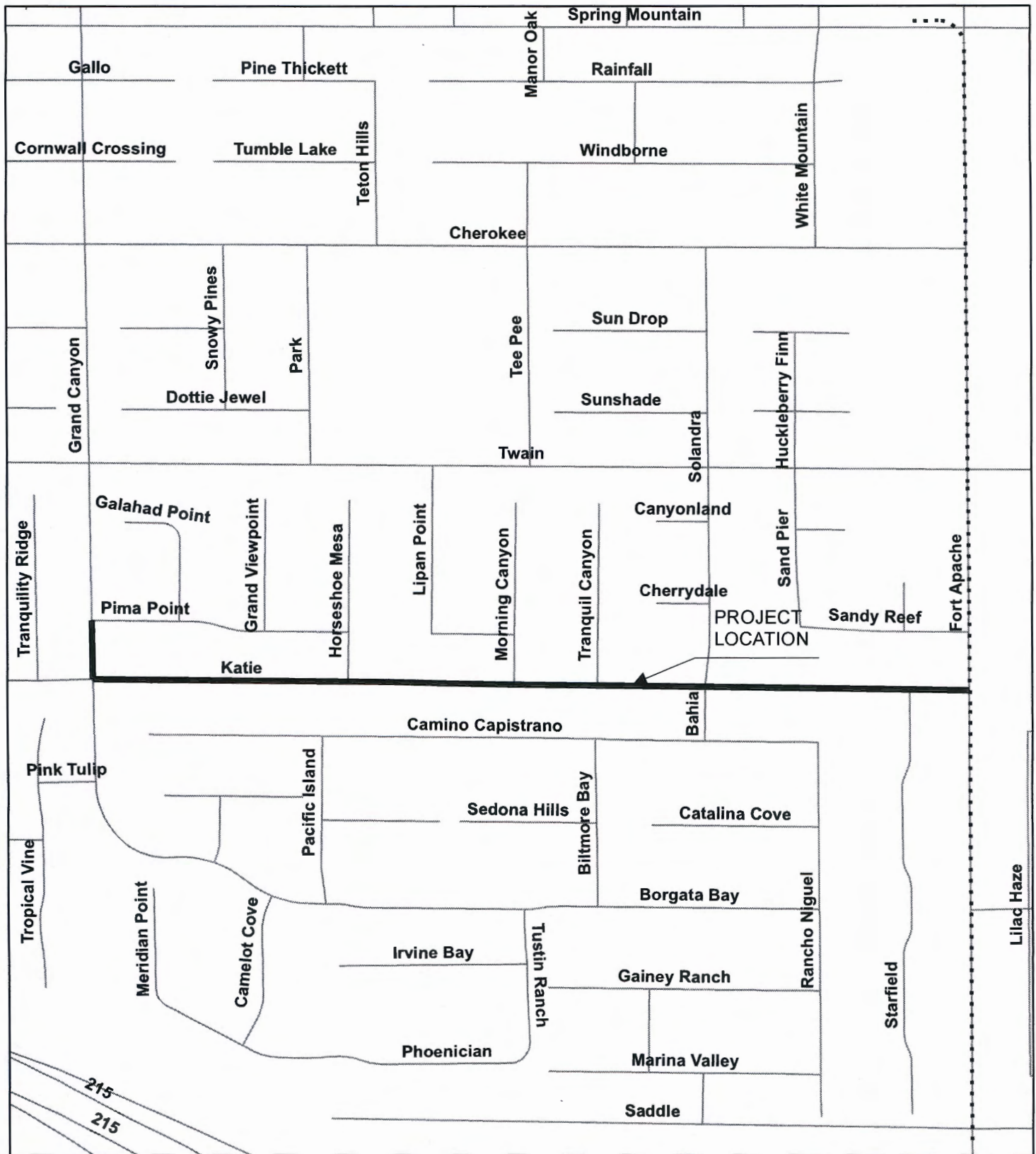
\_\_\_\_\_  
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III, Chair

Attest:

\_\_\_\_\_  
SHERRY ALLEN  
Secretary to the Board

Approved as to Form:

\_\_\_\_\_  
CHRISTOPHER FIGGINS  
Chief Deputy District Attorney



**Legend**

- ..... Existing
- Proposed

**Exhibit A**



**Project Number: CLD19A17**

**Katie Avenue Storm Drain**  
**Grand Canyon Drive to Fort Apache Road**

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 04-11-19

SHEET NUMBER: 1 OF 1



**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

SEARCHLIGHT - SOUTH, ENCINITAS ST. STORM DRAIN

**PETITIONER:**

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL NO. 2 TO THE INTERLOCAL CONTRACT FOR DESIGN TO EXTEND THE PROJECT COMPLETION DATE FOR SEARCHLIGHT - SOUTH, ENCINITAS ST. STORM DRAIN – SEA03A09 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

None.

**BACKGROUND:**

On August 13, 2009, the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for design engineering, right-of-way and environmental mitigation for the subject project. A first supplemental interlocal contract was approved on June 12, 2014 to extend the project completion date.

This second supplemental interlocal contract will extend the project completion date from June 30, 2019 to December 31, 2019 to submit final invoices and close the project.

Respectfully submitted,

  
DENIS CEDERBURG  
Director of Public Works

TAC AGENDA ITEM # 12c Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM # 12c Date: 04/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>  SEARCHLIGHT – SOUTH, ENCINITAS ST. STORM DRAIN SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – SEA03A09  Clark County has submitted a request to approve a second supplemental interlocal contract for design engineering, right-of-way and environmental mitigation to extend the project completion date from June 30, 2019 to December 31, 2019 for the Searchlight – South, Encinitas St. Storm Drain project.  The extension is necessary to submit final invoices and close out the project.  The District Attorney has reviewed the contract.	Date: 04/15/19
<b>Staff Recommendation:</b>  Approve.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #12c Date: 04/25/19
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #12c Date: 04/29/19
<b>Recommendation:</b>	

**SUPPLEMENTAL NO. 2 TO THE INTERLOCAL CONTRACT FOR  
SEARCHLIGHT - SOUTH, ENCINITAS ST. STORM DRAIN**

**THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT**, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2019, 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 2008 Master Plan Update, Structure Nos. SRSO 0000 through 0030, and

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2014 Master Plan Update, Structure Nos. SRSO 0000, 0010, 0021 and 0030, hereinafter referred to as "Project"; and

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

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

**WHEREAS**, the DISTRICT approved interlocal contracts to provide funds for design, right-of-way acquisition, and environmental mitigation of the Project; and

**WHEREAS**, it is necessary to extend the project completion date; and

**WHEREAS**, the Project has regional flood control significance and is located in the unincorporated area of Clark County outside of the Las Vegas Valley.

**NOW, THEREFORE**, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the COUNTY agree to supplement the Interlocal Contract approved August 13, 2009 and First Supplemental Interlocal Contract dated June 12, 2014; as follows:

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

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

1. Design in an amount not to exceed \$137,000.00.



2. Right-of-way acquisition including appraisals, title and escrow, negotiations, legal fees, recording fees, etc. in an amount not to exceed \$500.00.
3. Environmental mitigation in an amount not to exceed \$500.00.
4. The total cost of this Interlocal Contract shall not exceed \$138,000.00, which includes all the items described in the paragraphs above.
5. If at any time during the term of this Contract the entity determines that a portion of the funds provided pursuant to this Contract will not be needed for the project, then the entity will notify the District in writing of the amount of funds that are not anticipated to be used for the project. Upon receipt of said notification the District's obligation to pay the maximum amount set forth herein will automatically be reduced by the amount specified in the notification.
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 changed to read as follows:**

14. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to December 31, 2019. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days notice.

The remainder of the original Interlocal Contract dated August 13, 2009 and First Supplemental Interlocal Contract dated June 12, 2014 remain unchanged.

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IN WITNESS WHEREOF, this Supplemental No. 2 to the Interlocal Contract is hereby executed as of the date first set forth above.

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

\_\_\_\_\_  
By: \_\_\_\_\_  
MARILYN KIRKPATRICK  
Chair

Attest:

\_\_\_\_\_  
LYNN MARIE GOYA  
County Clerk

\*\*\*\*\*

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

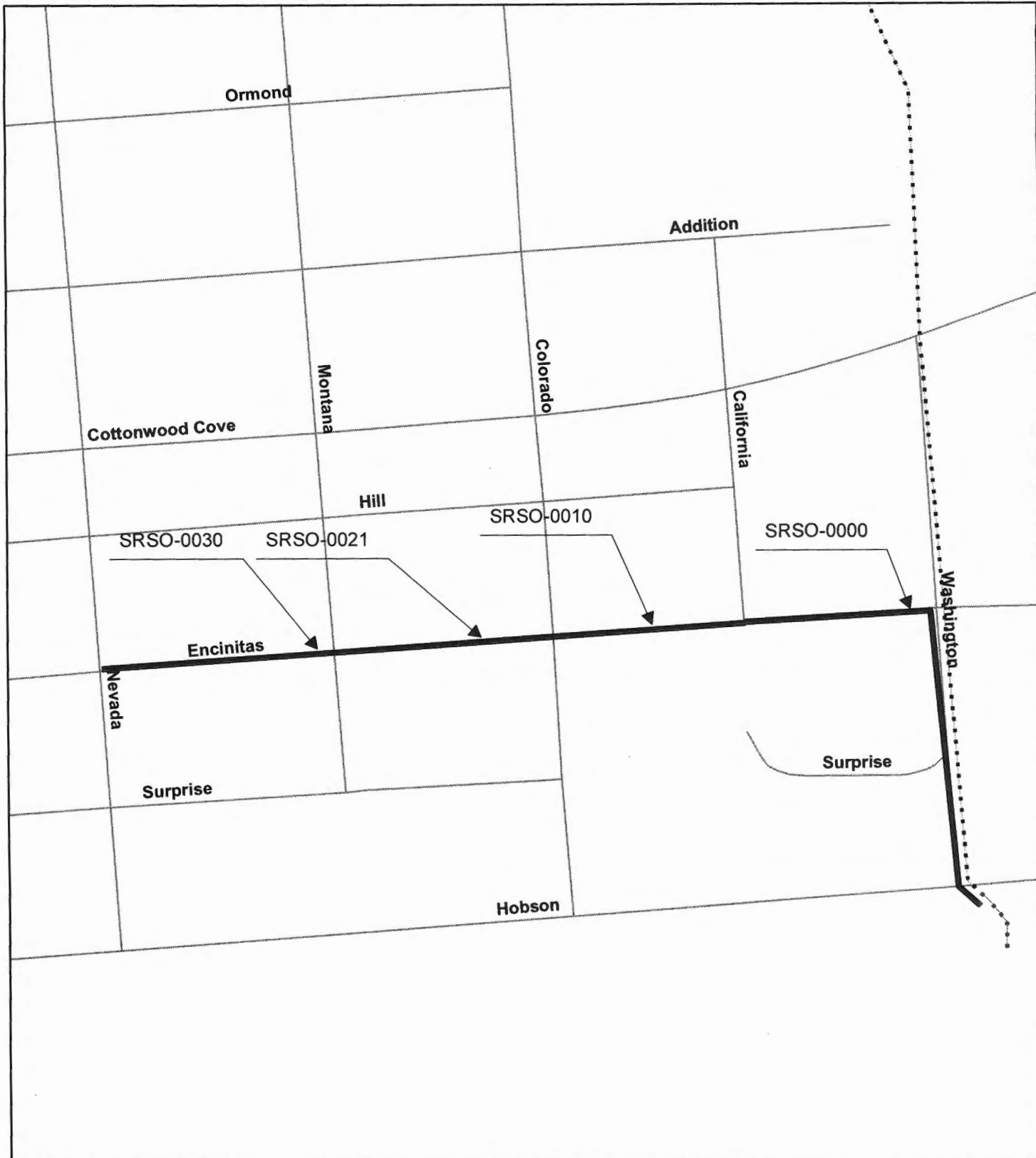
\_\_\_\_\_  
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III, Chair

Attest:

\_\_\_\_\_  
SHERRY ALLEN  
Secretary to the Board

Approved as to Form:

\_\_\_\_\_  
CHRISTOPHER FIGGINS  
Chief Deputy District Attorney



**Legend**

- ..... Existing
- Proposed

**Exhibit A**



**Project Number: SEA03A09**

**Searchlight - South  
Encinitas Storm Drain**

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 04-11-19

SHEET NUMBER: 1 OF 1

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

GOWAN – ALEXANDER ROAD, RANCHO DRIVE TO DECATUR BOULEVARD

**PETITIONER:** MIKE JANSSEN, DIRECTOR

CITY OF LAS VEGAS PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

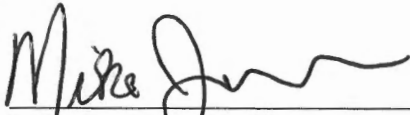
IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR DESIGN TO EXTEND THE PROJECT COMPLETION DATE FOR THE GOWAN – ALEXANDER ROAD, RANCHO DRIVE TO DECATUR BOULEVARD PROJECT – LAS30A13 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None by this action.

**BACKGROUND:**

On July 11, 2013 the District entered into an interlocal contract with the City to provide design engineering, right-of-way and environmental mitigation funding for the Gowan – Alexander Road, Rancho to Decatur project. This First Supplemental Interlocal Contract will extend the project completion date from June 30, 2019 to June 30, 2022 as additional time is required to complete this project.

Respectfully submitted,



Mike Janssen, Director  
Department of Public Works

TAC AGENDA ITEM # 12d Date: 04/25/2019	RFCD AGENDA ITEM # Date: 05/23/2019
CAC AGENDA ITEM # 12d Date: 04/29/2019	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**GOWAN – ALEXANDER ROAD, RANCHO DRIVE TO DECATUR BOULEVARD  
FIRST SUPPLEMENTAL INTERLOCAL CONTRACT – LAS30A13**

The City of Las Vegas has submitted a request to approve a first supplemental interlocal contract for design engineering, right-of-way and environmental mitigation to extend the project completion date from June 30, 2019 to June 30, 2022 for the Gowan – Alexander Road, Rancho Drive to Decatur Boulevard project.

The extension of time is necessary to complete the project.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#12d Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#12d Date: 04/29/19

**Recommendation:**

**FIRST SUPPLEMENTAL INTERLOCAL CONTRACT  
GOWAN – ALEXANDER ROAD, RANCHO DRIVE TO  
DECATUR BOULEVARD**

**THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2019 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 2008 Master Plan Update as Facility Number GOAL 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 Numbers GOAL 0000 and 0056, 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 July 11, 2013 was entered into between the DISTRICT and the CITY; and

**WHEREAS**, the city desires to extend the project completion date.

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

SECTION III – GENERAL, paragraph 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, 2022. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.

The remainder of the original Interlocal Contract dated July 11, 2013 shall remain unchanged.

**IN WITNESS WHEREOF**, the Parties have caused this First 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: \_\_\_\_\_  
Deputy City Attorney      Date

Date of District Action

\_\_\_\_\_

Regional Flood Control District

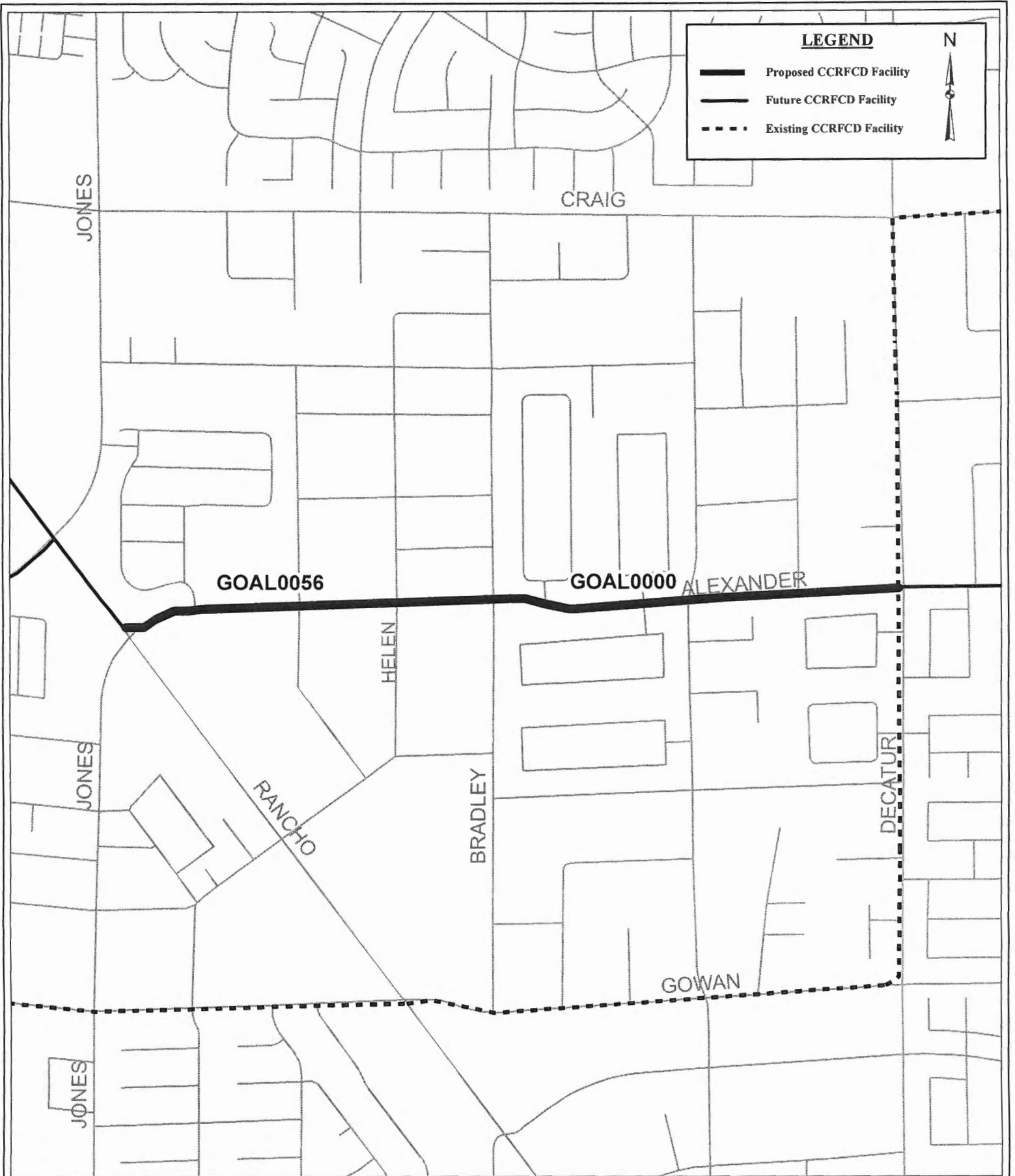
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III,  
Chair

Attest

By: \_\_\_\_\_  
Sherry Allen  
Secretary to the Board

Approved as to Form

By: \_\_\_\_\_  
Christopher Figgins      Date  
Chief Deputy District Attorney



**EXHIBIT A**  
**GOWAN - ALEXANDER RD, RANCHO DR**  
**TO DECATUR BLVD** (LAS30A13)

SCALE: 1 INCH = 10,000 FT  
 DRAWING NAME:  
 Gowan\_AlexanderRd-Rancho\_Decatur.mxd  
 DRAWN BY: C. JONES  
 DATE: 04/04/2019  
 SHEET NUMBER 1 OF 1





CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**  
GOWAN BOX CANYON – LONE MOUNTAIN ROAD

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

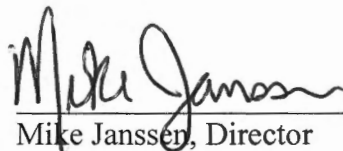
**RECOMMENDATION OF PETITIONER:**  
IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT TO EXTEND THE PROJECT COMPLETION DATE FOR THE DESIGN OF GOWAN BOX CANYON - LONE MOUNTAIN ROAD – LAS24I15 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None by this action.

**BACKGROUND:**

On July 9, 2015, the District approved an Interlocal Contract for design engineering, right-of-way and environmental mitigation associated with the Gowan Box Canyon – Lone Mountain Road. First Supplemental Interlocal Contract dated January 14, 2016 increased funding. This Second Supplemental Interlocal Contract will extend the project completion date from June 30, 2019 to June 30, 2021 as additional time is necessary to complete the project.

Respectfully submitted,



Mike Janssen, Director  
Department of Public Works

TAC AGENDA ITEM # 12e Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/2019
CAC AGENDA ITEM # 12e Date: 04/29/2019	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**GOWAN BOX CANYON – LONE MOUNTAIN ROAD  
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – LAS24I15**

The City of Las Vegas has submitted a request to approve a second supplemental interlocal contract for design engineering, right-of-way and environmental mitigation to extend the project completion date from June 30, 2019 to June 30, 2021 for the Gowan Box Canyon – Lone Mountain Road project.

The extension of time is necessary to complete the project.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#12e Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#12e Date: 04/29/19

**Recommendation:**

**SECOND SUPPLEMENTAL INTERLOCAL CONTRACT  
GOWAN BOX CANYON – LONE MOUNTAIN ROAD**

**THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2019 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 GOBX 0015, 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 July 9, 2015 and First Supplemental Interlocal Contract dated January 14, 2016 were entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City desires to extend the project completion date.

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

**SECTION III – GENERAL paragraph 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, 2021. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.

The remainder of the original Interlocal Contract dated July 9, 2015 and First Supplemental Interlocal Contract dated January 14, 2016 shall remain unchanged.

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

Date of Council Action

Date of District Action

\_\_\_\_\_

\_\_\_\_\_

City of Las Vegas

Regional Flood Control District

By: \_\_\_\_\_  
Carolyn G. Goodman, Mayor

By: \_\_\_\_\_  
LAWRENCE L. BROWN, III,  
Chair

Attest

Attest

By: \_\_\_\_\_  
LuAnn Holmes, MMC  
City Clerk

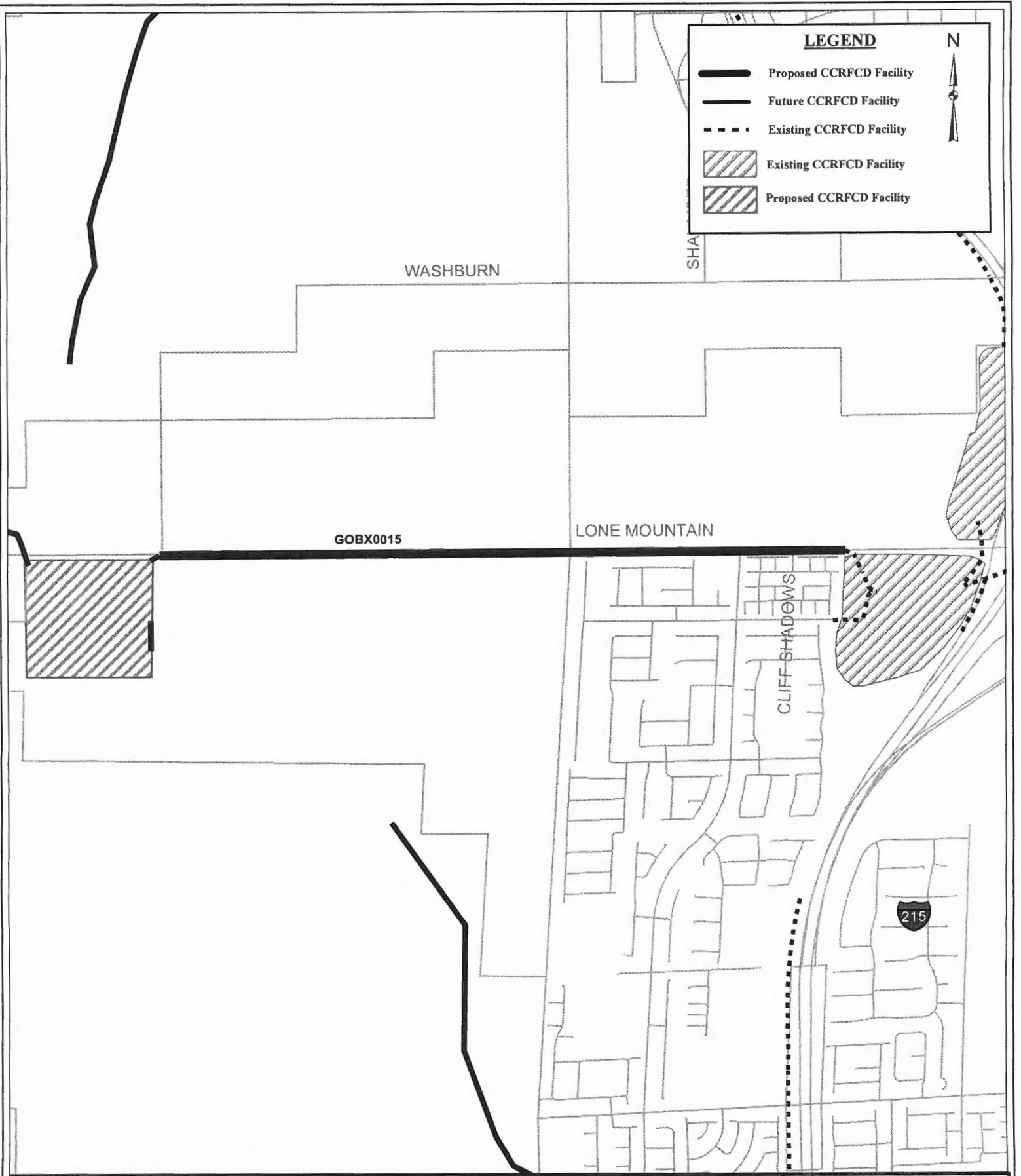
By: \_\_\_\_\_  
Sherry Allen  
Secretary to the Board

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
	Existing CCRFCD Facility
	Proposed CCRFCD Facility



WASHBURN

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GOBX0015

LONE MOUNTAIN

CLIFF SHADOWS

215

**EXHIBIT A**  
**GOWAN BOX CANYON -**  
**LONE MOUNTAIN ROAD (LAS24I15)**

SCALE: 1:12,500  
 DRAWING NAME:  
 GowanBoxCanyon\_LoneMtnRd.mxd  
 DRAWN BY: C. JONES  
 DATE: 04/10/2019  
 SHEET NUMBER 1 OF 1



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT**

GOWAN NORTH – EL CAPITAN BRANCH, LONE MOUNTAIN TO ANN ROAD

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

**RECOMMENDATION OF PETITIONER:**

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT FOR DESIGN TO EXTEND THE PROJECT COMPLETION DATE OF GOWAN NORTH – EL CAPITAN BRANCH, LONE MOUNTAIN TO ANN ROAD – LAS24J15 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None by this action.

**BACKGROUND:**

On July 9, 2015, the District approved an Interlocal Contract for design engineering, right-of-way and environmental mitigation associated with the Gowan North – El Capitan Branch, Lone Mountain to Ann Road project. First Supplemental Interlocal Contract dated July 14, 2016 increased funding. This Second Supplemental Interlocal contract will extend the project completion date from June 30, 2019 to June 30, 2021 as additional time is necessary to complete the project.

Respectfully submitted,



Mike Janssen, Director  
Department of Public Works

TAC AGENDA ITEM #12F Date: 04/25/2019	RFCD AGENDA ITEM # Date: 05/23/2019
CAC AGENDA ITEM # 12F Date: 04/29/2019	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

GOWAN NORTH – EL CAPITAN BRANCH, LONE MOUNTAIN TO ANN ROAD  
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – LAS24J15

The City of Las Vegas has submitted a request to approve a second supplemental interlocal contract for design engineering, right-of-way and environmental mitigation to extend the project completion date from June 30, 2019 to June 30, 2021 for the Gowan North – El Capitan Branch, Lone Mountain to Ann Road project.

The extension of time is necessary to complete the project.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#12f Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#12f Date: 04/29/19

**Recommendation:**

**SECOND SUPPLEMENTAL INTERLOCAL CONTRACT  
GOWAN NORTH – EL CAPITAN BRANCH, LONE MOUNTAIN TO ANN  
ROAD**

**THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2019 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”.

**W I T N E S S E T H**

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update as Facility Number GOEC 0000, 0026, 0051 and 0076, 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 July 9, 2015 and First Supplemental Interlocal Contract dated July 14, 2016 were entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City desires to extend the project completion date.

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

**SECTION III – GENERAL paragraph 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, 2021. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.



The remainder of the original Interlocal Contract dated July 9, 2015 and First Supplemental Interlocal Contract dated July 14, 2016 shall remain unchanged.

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

Date of Council Action

Date of District Action

\_\_\_\_\_

\_\_\_\_\_

City of Las Vegas

Regional Flood Control District

By: \_\_\_\_\_  
Carolyn G. Goodman, Mayor

By: \_\_\_\_\_  
LAWRENCE L. BROWN, III,  
Chair

Attest

Attest

By: \_\_\_\_\_  
LuAnn Holmes, MMC  
City Clerk

By: \_\_\_\_\_  
Sherry Allen  
Secretary to the Board




Approved as to form


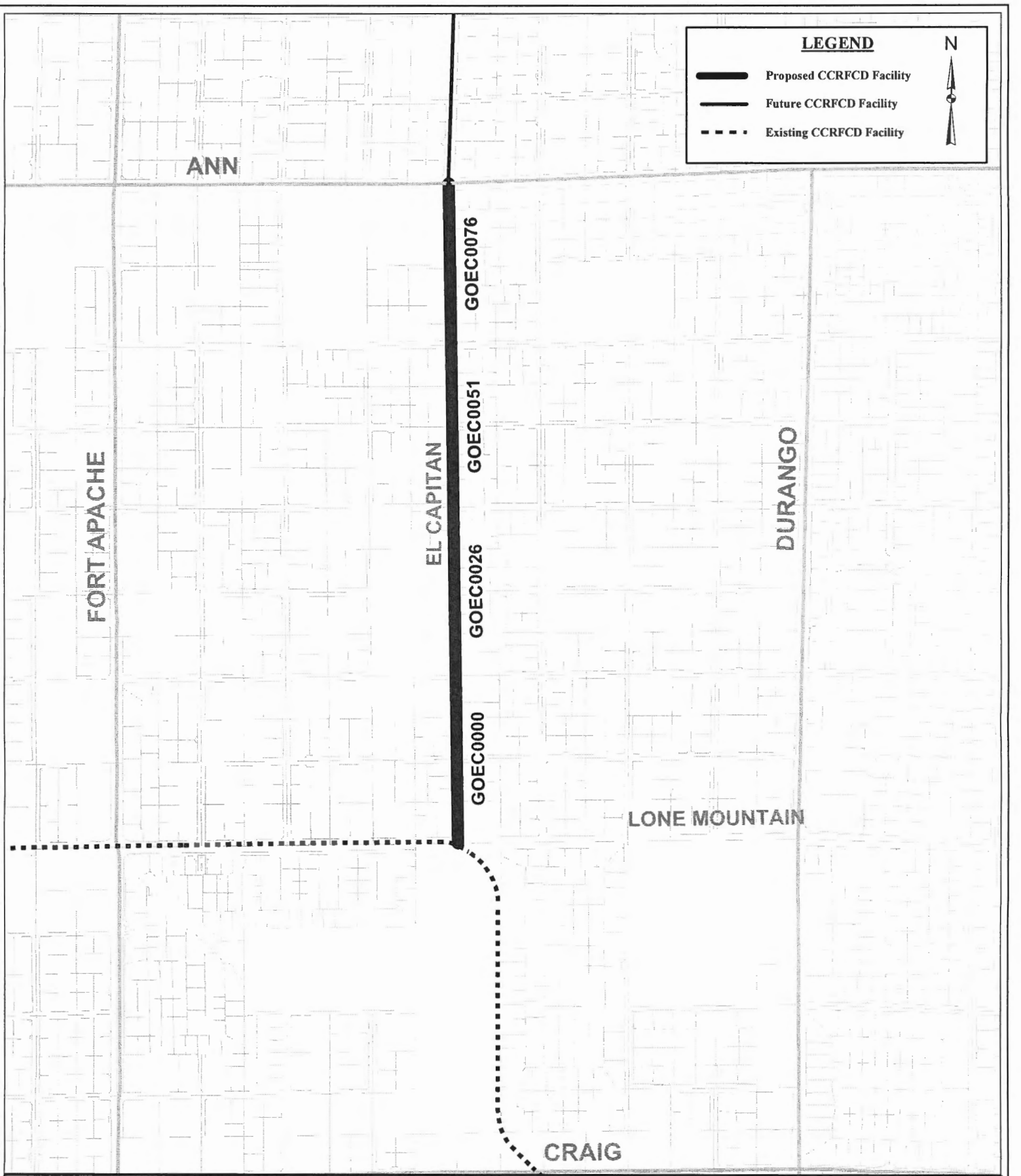
Approved as to Form

By: \_\_\_\_\_  
Deputy City Attorney      Date

By: \_\_\_\_\_  
Christopher Figgins      Date  
Chief Deputy District Attorney

**LEGEND**

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

**EXHIBIT A**  
**GOWAN NORTH - EL CAPITAN BRANCH,**  
**LONE MOUNTAIN TO ANN ROAD (LAS24J15)**

SCALE: 1:12,000  
 DRAWING NAME:  
 GowanOutfall\_ElCapitanBranch\_  
 LoneMtn-Ann.mxd  
 DRAWN BY: C. JONES  
 DATE: 04/11/2019  
 SHEET NUMBER 1 OF 1

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**  
CEDAR AVENUE CHANNEL IMPROVEMENTS

**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 TO EXTEND THE PROJECT COMPLETION DATE FOR THE DESIGN OF THE CEDAR AVENUE CHANNEL IMPROVEMENTS – LAS25B13 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None by this action.

**BACKGROUND:**

On July 11, 2013, the District approved an Interlocal Contract for design engineering, right-of-way and environmental mitigation associated with the Cedar Avenue Channel Improvements. First Supplemental Interlocal Contract dated December 12, 2013 increased funding. This Second Supplemental Interlocal Contract will extend the project completion date from June 30, 2019 to June 30, 2021 as additional time is necessary to complete the project.

Respectfully submitted,

  
Mike Janssen, Director  
Department of Public Works

TAC AGENDA ITEM # 12g Date: 04/25/2019	RFCD AGENDA ITEM # Date: 05/23/2019
CAC AGENDA ITEM # 12g Date: 04/29/2019	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**CEDAR AVENUE CHANNEL – IMPROVEMENTS  
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – LAS25B13**

The City of Las Vegas has submitted a request to approve a second supplemental interlocal contract for design engineering, right-of-way and environmental mitigation to extend the project completion date from June 30, 2019 to June 30, 2021 for the Cedar Avenue Channel – Improvements project.

The extension of time is necessary to complete the project.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#12g Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#12g Date: 04/29/19

**Recommendation:**

**SECOND SUPPLEMENTAL INTERLOCAL CONTRACT  
CEDAR AVENUE CHANNEL – IMPROVEMENTS**

**THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2019 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 CACN 0001, CACN 0035, and CNST 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 CACN 0000 and CACN 0035, and LVST 0188, 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 July 11, 2013 and First Supplemental Interlocal contract dated December 12, 2013 were entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City desires to extend the project completion date.

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

**SECTION III – GENERAL paragraph 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, 2021. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.

The remainder of the original Interlocal Contract dated July 11, 2013 and First Supplemental Interlocal Contract dated December 12, 2013 shall remain unchanged.

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

Date of Council Action

Date of District Action

\_\_\_\_\_

\_\_\_\_\_

City of Las Vegas

Regional Flood Control District

By: \_\_\_\_\_  
Carolyn G. Goodman, Mayor

By: \_\_\_\_\_  
LAWRENCE L. BROWN, III,  
Chair

Attest

Attest

By: \_\_\_\_\_  
Beverly K. Bridges, MMC  
City Clerk

By: \_\_\_\_\_  
Sherry Allen  
Secretary to the Board




Approved as to form

Approved as to Form


By: \_\_\_\_\_ Date  
Deputy City Attorney

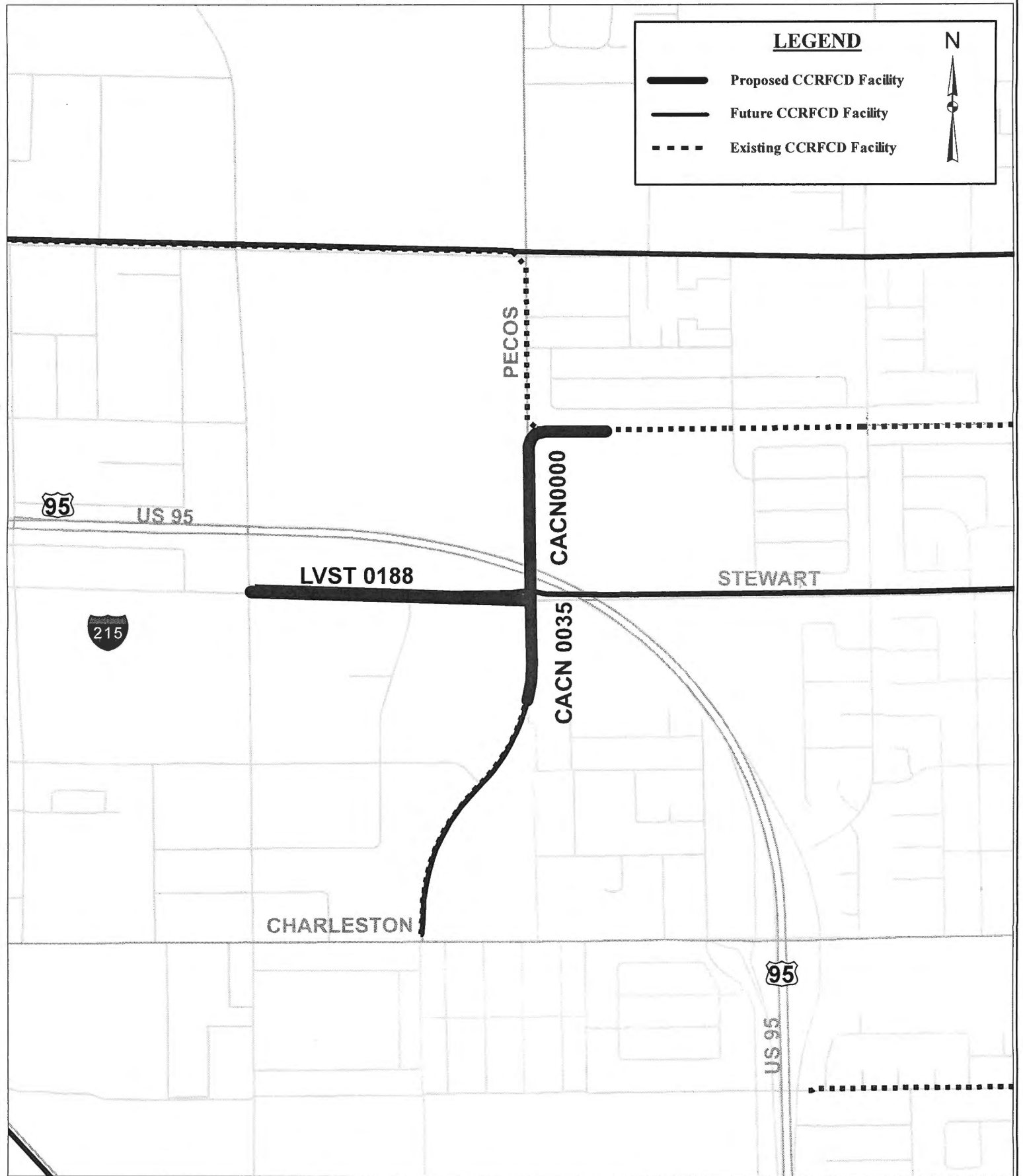
By: \_\_\_\_\_ Date  
Christopher Figgins  
Chief Deputy District Attorney

**LEGEND**

	Proposed CCRFCD Facility
	Future CCRFCD Facility
	Existing CCRFCD Facility

N





**EXHIBIT A  
CEDAR AVE CHANNEL  
IMPROVEMENTS  
(LAS25B13)**

SCALE: 1:12,000  
 DRAWING NAME:  
 CentennialPkwyWest\_215\_Pioneer\_95.mxd  
 DRAWN BY: C. JONES  
 DATE: 04/10/2019  
 SHEET NUMBER 1 OF 1

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

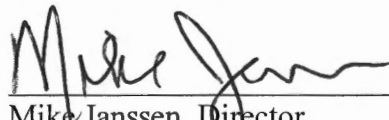
<b>SUBJECT</b> LAS VEGAS WASH, SLOAN CHANNEL TO CEDAR AVENUE
<b>PETITIONER:</b> MIKE JANSSEN, DIRECTOR CITY OF LAS VEGAS PUBLIC WORKS
<b>RECOMMENDATION OF PETITIONER:</b> IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT FOR DESIGN TO EXTEND THE PROJECT COMPLETION DATE OF LAS VEGAS WASH, SLOAN CHANNEL TO CEDAR AVENUE – LAS28C12 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None by this action

**BACKGROUND:**

On June 14, 2012, the District approved an Interlocal Contract for design engineering associated with the Las Vegas Wash, Sloan Channel to Cedar Avenue. On May 19, 2016 the First Supplemental Interlocal Contract was approved to increase design funding. On April 13, 2017 the Second Supplemental Interlocal Contract was approved to extend the project completion date. This Third Supplemental Interlocal Contract will extend the project completion date from June 30, 2019 to June 30, 2022 as additional time is required to complete this project.

Respectfully submitted,

  
\_\_\_\_\_  
Mike Janssen, Director  
Department of Public Works

TAC AGENDA ITEM # 12h Date: 04/25/2019	RFCD AGENDA ITEM # Date: 05/23/2019
CAC AGENDA ITEM # 12h Date: 04/29/2019	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

LAS VEGAS WASH, SLOAN CHANNEL TO CEDAR AVENUE  
THIRD SUPPLEMENTAL INTERLOCAL CONTRACT – LAS28C12

The City of Las Vegas has submitted a request to approve a third supplemental interlocal contract for design engineering to extend the project completion date from June 30, 2019 to June 30, 2022 for the Las Vegas Wash, Sloan Channel to Cedar Avenue project.

The extension of time is necessary to complete the project.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#12h Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#12h Date: 04/29/19

**Recommendation:**

**THIRD SUPPLEMENTAL INTERLOCAL CONTRACT  
LAS VEGAS WASH, SLOAN CHANNEL TO CEDAR AVENUE**

**THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2019 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”.

**W I T N E S S E T H**

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update as Facility Number LVMD 0883, 0911, 0916, 0923, 0925, 0948, 0950, 0974, 1031, 1033, 1046, 1048, 1054, 1069, 1071, and 1121, 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 June 14, 2012, First Supplemental Interlocal Contract dated May 19, 2016 and Second Supplemental Interlocal Contract dated April 13, 2017 were entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City desires to extend the project completion date.

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

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

15. The items covered in SECTION II – PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2022. The DISTRICT may, at any time thereafter, grant extensions or terminate this contract after thirty (30) days notice.

The remainder of the original Interlocal Contract dated June 14, 2012, First Supplemental Interlocal Contract dated May 19, 2016 and Second Supplemental Interlocal Contract dated April 13, 2017 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

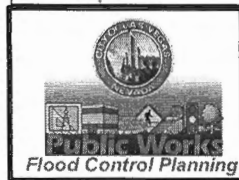
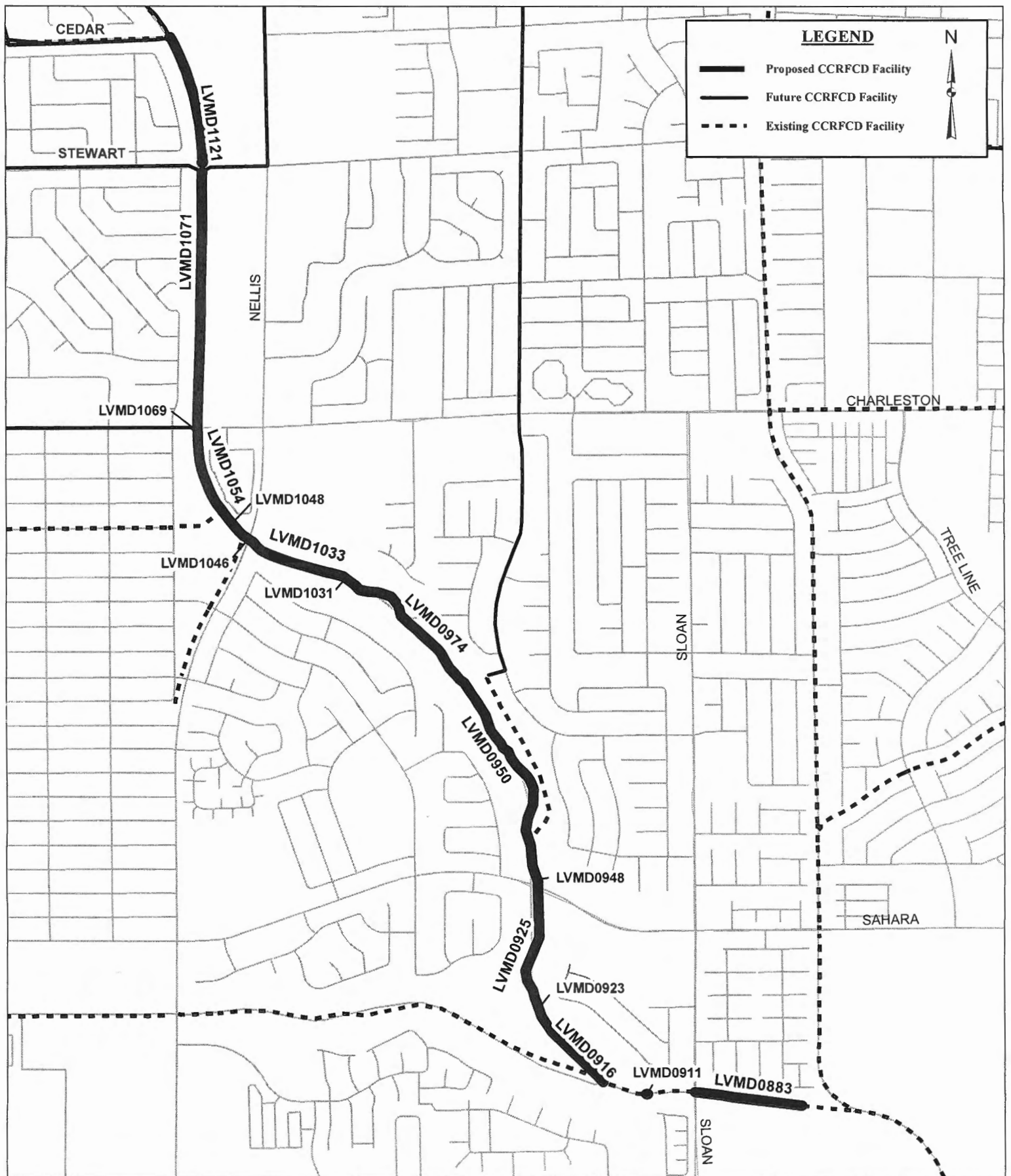
By: \_\_\_\_\_  
Sherry Allen  
Secretary to the Board

Approved as to Form

Approved as to Form

By: \_\_\_\_\_  
Deputy City Attorney      Date

By: \_\_\_\_\_  
Christopher Figgins      Date  
Chief Deputy District Attorney



**EXHIBIT A  
LAS VEGAS WASH - SLOAN CHANNEL  
TO CEDAR AVE**

**(LAS28C12)**

SCALE: 1 INCH = 16,000 FT  
 DRAWING NAME:  
 Las Vegas Wash, Moccasin  
 SkyeCanyPk, UpperLVW.MXD  
 DRAWN BY: C. JONES  
 DATE: 04/11/2019  
 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:**

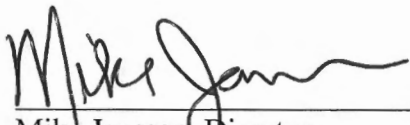
IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE DESIGN TO EXTEND THE PROJECT COMPLETION DATE OF THE FLAMINGO – BOULDER HWY. NORTH, CHARLESTON – BOULDER HWY TO MARYLAND PARKWAY AND MARYLAND PARKWAY SYSTEM – LAS29C16 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None by this action

**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 First Supplemental Interlocal Contract was approved to increase funding. This Second Supplemental Interlocal Contract will extend the project completion date from June 30, 2019 to June 30, 2022 as additional time is required to complete this project.

Respectfully submitted,

  
\_\_\_\_\_  
Mike Janssen, Director  
Department of Public Works

TAC AGENDA ITEM # 12i Date: 04/25/2019	RFCD AGENDA ITEM # Date: 05/23/2019
CAC AGENDA ITEM # 12i Date: 04/29/2019	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

FLAMINGO – BOULDER HWY., NORTH, CHARLESTON – BOULDER HWY., TO MARYLAND PARKWAY AND MARYLAND PARKWAY SYSTEM  
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – LAS29C16

The City of Las Vegas has submitted a request to approve a second supplemental interlocal contract for design engineering, right-of-way and environmental mitigation to extend the project completion date from June 30, 2019 to June 30, 2022 for the Flamingo – Boulder Hwy., North, Charleston – Boulder Hwy., to Maryland Parkway and Maryland Parkway System project.

The extension of time is necessary to complete the project.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#12i Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#12i Date: 04/29/19

**Recommendation:**

**SECOND SUPPLEMENTAL INTERLOCAL CONTRACT  
FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – BOULDER  
HIGHWAY TO MARYLAND PARKWAY AND MARYLAND PARKWAY  
SYSTEM**

**THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2019 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 and First Supplemental Interlocal Contract date February 8, 2018 were entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City desires to extend the project completion date.

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

**SECTION III – GENERAL, paragraph 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, 2022. The DISTRICT may, at any time thereafter, grant extensions or terminate this contract after thirty (30) days notice.

The remainder of the original Interlocal Contract dated September 8, 2016 and First Supplemental Interlocal Contract dated February 8, 2018 shall remain unchanged.

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

Date of Council Action

Date of District Action

\_\_\_\_\_

\_\_\_\_\_

City of Las Vegas

Regional Flood Control District

By: \_\_\_\_\_  
Carolyn G. Goodman, Mayor

By: \_\_\_\_\_  
LAWRENCE L. BROWN, III,  
Chair

Attest

Attest

By: \_\_\_\_\_  
LuAnn Holmes, MMC  
City Clerk

By: \_\_\_\_\_  
Sherry Allen  
Secretary to the Board

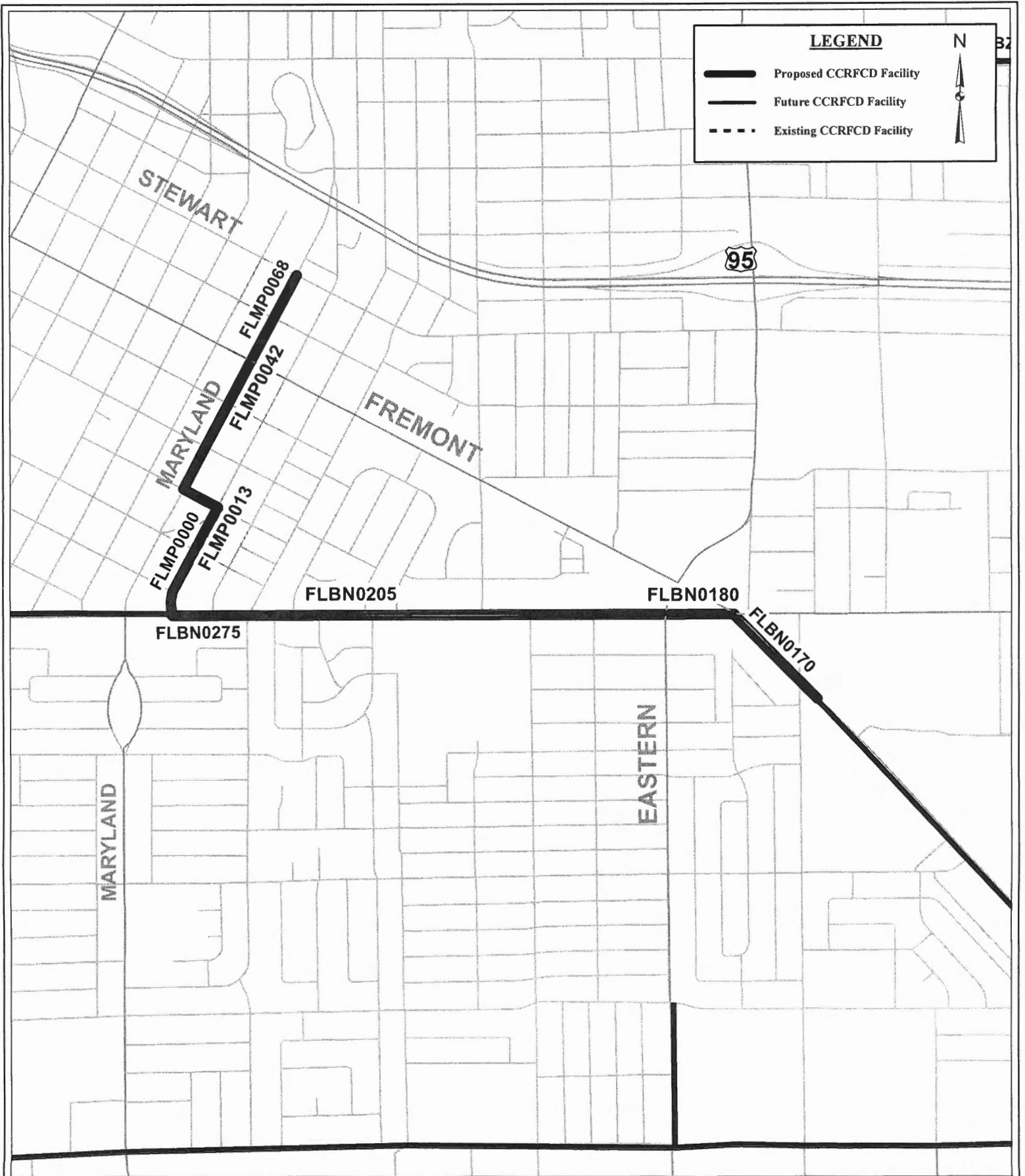
Approved as to Form

Approved as to Form




By: \_\_\_\_\_  
Deputy City Attorney      Date


By: \_\_\_\_\_  
Christopher Figgins      Date  
Chief Deputy District Attorney

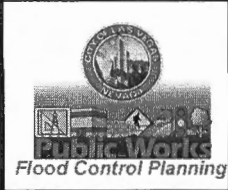




**LEGEND**

 Proposed CCRFCD Facility  
 Future CCRFCD Facility  
 Existing CCRFCD Facility

N  




**EXHIBIT A**  
**FLAMINGO - BOULDER HWY NORTH, CHARLESTON -**  
**BOULDER HWY TO MARYLAND AND MARYLAND**  
**PARKWAY SYSTEM**

(LAS29C16)

SCALE: 1:10,000  
 DRAWING NAME:  
 Flamingo\_BoulderHwyNorth\_  
 CharlestontoMaryland.MXD  
 DRAWN BY: C. JONES  
 DATE: 04/11/2019  
 SHEET NUMBER 1 OF 1

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM**

<b>SUBJECT:</b> FIFTH STREET COLLECTOR, CENTENNIAL PARKWAY TO DEER SPRINGS WAY
<b>PETITIONER:</b> DALE DAFFERN, P.E., DIRECTOR OF PUBLIC WORKS CITY OF NORTH LAS VEGAS
<b>RECOMMENDATION OF PETITIONER:</b> THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL INTERLOCAL CONTRACT NO. 1 TO INCREASE FUNDS FOR CONSTRUCTION FOR FIFTH STREET COLLECTOR, CENTENNIAL PARKWAY TO DEER SPRINGS WAY- NLV17D18 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

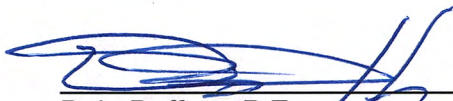
	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$4,658,000	\$292,000	\$ 4,950,000
Construction Engineering	466,000	\$ 0	\$ 466,000
<b>Total ILC Value</b>	<b>\$5,124,000</b>	<b>\$292,000</b>	<b>\$5,416,000</b>

**BACKGROUND:**

On September 13, 2018 the City entered into an interlocal contract with the District to fund Construction and Construction Engineering of the subject project.

This First Supplemental Interlocal Contract will increase construction funding to cover the award of bid, which came in higher than anticipated.

Respectfully submitted,

  
 \_\_\_\_\_  
 Dale Daffern, P.E.  
 Director of Public Works

TAC AGENDA ITEM # 13a Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM # 13a Date: 04/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**FIFTH STREET COLLECTOR, CENTENNIAL PARKWAY TO DEER SPRINGS WAY  
FIRST SUPPLEMENTAL INTERLOCAL CONTRACT – NLV17D18**

The City of North Las Vegas has submitted a request to approve a first supplemental interlocal contract for construction and construction engineering to increase funding in the amount of \$292,000 for Fifth Street Collector, Centennial Parkway to Deer Springs Way project.

The increase is necessary to cover the award of bid. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$4,658,000	\$292,000	\$4,950,000
Construction Engineering	\$ 466,000	\$ 0	\$ 466,000
Total ILC Value	\$5,124,000	\$292,000	\$5,416,000

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  
#13a Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#13a Date: 04/29/19

**Recommendation:**

**FIRST SUPPLEMENTAL INTERLOCAL CONTRACT  
FIFTH STREET COLLECTOR  
CENTENNIAL PARKWAY TO DEER SPRINGS WAY**

**THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2019, by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the City of North Las Vegas, hereinafter referred to as "CITY".

**WITNESSETH**

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2018 Flood Control Master Plan Update, to include Structure Nos. LV5C 0002 and LV5C 0050, 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**, an interlocal Contract was entered into on September 13, 2018 between the DISTRICT and the CITY; and

**WHEREAS**, it is desired to supplement the aforementioned Contract to increase the project funds.

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

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

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

1. Construction in an amount not to exceed \$4,950,000.
2. Construction Engineering in an amount not to exceed \$466,000.
3. The total cost of this Interlocal Contract shall not exceed \$5,416,000, which includes all the items described in the paragraphs above.

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

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

\_\_\_\_\_

BY: \_\_\_\_\_  
LAWRENCE L. BROWN, III  
Chair

ATTEST:

\_\_\_\_\_

SHERRY ALLEN  
Secretary to the Board

Approved as to Form:

BY: \_\_\_\_\_

CHRISTOPHER FIGGINS  
Chief Deputy District Attorney

\*\*\*\*\*

Date of Council Action: CITY OF NORTH LAS VEGAS

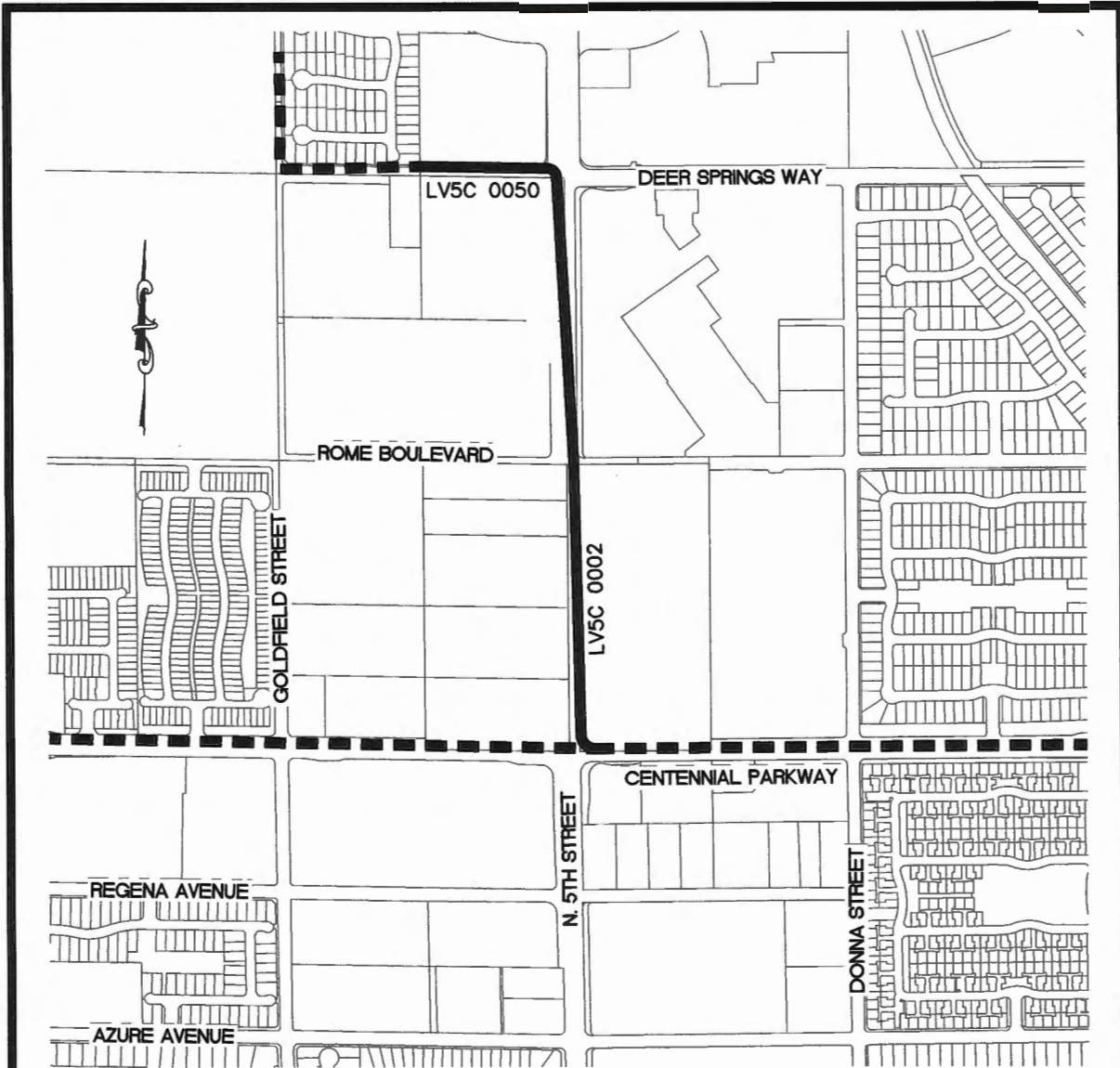
\_\_\_\_\_

BY: \_\_\_\_\_  
JOHN J. LEE  
Mayor



ATTEST:

\_\_\_\_\_

CATHERINE A. RAYNOR, MMC  
City Clerk



**LEGEND**

-  PROPOSED FACILITY
-  EXISTING FACILITY

**EXHIBIT "A"**



**DEPARTMENT OF PUBLIC WORKS  
ENGINEERING AND CONSTRUCTION SERVICES DIVISION**

**FIFTH STREET COLLECTOR  
CENTENNIAL PARKWAY TO DEER SPRINGS WAY**

**AL V17D18**

SCALE:	N.T.S.
DRAWING NAME:	10390-VIC.dwg
DRAWN BY:	T. Cochran
DATE:	August 20, 2018
SHEET NUMBER	1 OF 1

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>  FIFTH STREET COLLECTOR, CENTENNIAL PARKWAY TO DEER SPRINGS WAY
<b>PETITIONER:</b>  DALE DAFFERN, P.E., DIRECTOR OF PUBLIC WORKS CITY OF NORTH LAS VEGAS
<b>RECOMMENDATION OF PETITIONER:</b>  THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT RECEIVE A REPORT ON THE RECOMMENDATION FOR BEST BID FOR CONSTRUCTION OF FIFTH STREET COLLECTOR, CENTENNIAL PARKWAY TO DEER SPRINGS WAY – NLV17D18

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

\$4,697,385 - Funded by Regional Flood Control District

**BACKGROUND:**

On February 5, 2019 bids were opened for the project. Seven bids were received ranging in cost from \$4,697,385 to \$5,938,875. The recommended best bid is to be awarded to Las Vegas Paving Corporation in the amount of \$4,697,385 or 11% above the engineer's estimate of \$4,234,929 presented to the District Board on September 13, 2018. The Interlocal Contract dated September 13, 2018 between the District and City of North Las Vegas, allocates \$4,658,000 for construction of this project. There is an item on this agenda for approval to increase construction funding to \$4,950,000.

A cash flow projection, estimated construction schedule, and a tabulation of bids are attached.

Respectfully submitted,



Dale Daffern, P.E.  
Director of Public Works  
City of North Las Vegas

TAC AGENDA ITEM # 13b Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM # 13b Date: 04/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**FIFTH STREET COLLECTOR, CENTENNIAL PARKWAY TO DEER SPRINGS WAY  
AWARD OF BID FOR CONSTRUCTION – NLV17D18**

On February 5, 2019, bids were open for the Fifth Street Collector, Centennial Parkway to Deer Springs Way project. Seven (7) bids were received ranging in cost from \$4,697,385 to \$5,938,875. The recommended best bid is to Las Vegas Paving Corporation in the amount of \$4,697,385 or 11% above the engineer's estimate of \$4,234,929 submitted to the District Board in September 2018.

The Interlocal Contract dated September 13, 2018 between the District and the City allocates \$4,658,000 for construction of this project. There is an item on this agenda for approval to increase construction funding to \$4,950,000.

A cash flow projection, estimated construction schedule, and a tabulation of base bid are attached.

**Staff Recommendation:**

Receive the report.

**Discussion by Technical Advisory Committee:**

AGENDA  
#13b Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#13b Date: 04/29/19

**Recommendation:**



## Clark County Regional Flood Control District Cash Flow Projection

Today's Date: April 15, 2019

Project Number: NLV17D18

Project Name: Fifth Street Collector, Centennial Parkway to Deer Springs Way

Project Type: Storm Drain

ILC Amount: \$ 5,124,000 \$ 5,416,000

Milestone	Construction Schedule		
	Estimate	Revised	Actual
Award of Bid	January-19	April-19	
CONS Start	March-19	May-19	
CONS Complete	November-19	January-19	
Project Duration	9 months	9 months	

Billing Month	CCRFCD Original Estimate		Actual Drawdowns		CCRFCD Revised Estimate	
	\$	%	\$	%	\$	%
Mar-19	358,680	7%				
Apr-19	409,920	8%				
May-19	512,400	10%			379,120	7%
Jun-19	768,600	15%			433,280	8%
Jul-19	768,600	15%			541,600	10%
Aug-19	922,320	18%			812,400	15%
Sep-19	563,640	11%			812,400	15%
Oct-19	409,920	8%			974,880	18%
Nov-19	409,920	8%			595,760	11%
Dec-19					433,280	8%
Jan-20					433,280	8%
<b>Total</b>	<b>\$ 5,124,000</b>	<b>100%</b>			<b>\$ 5,416,000</b>	<b>100%</b>

**BID ABSTRACT**  
**CITY OF NORTH LAS VEGAS**  
**NORTH 5TH STREET COLLECTOR IMPROVEMENT PROJECT**  
**CIP Project No. CIP 10390**  
**BID NO. 1562 LABOR COMMISSION NO. PWP CL-2019-106**  
**BID DATE: FEBRUARY 5, 2019**

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE		LAS VEGAS PAVING		MULLER CONSTRUCTION		WADLEY CONSTRUCTION	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
104.01	Traffic Control	LS	1	\$150,000.00	\$ 150,000.00	\$ 69,000.00	\$ 69,000.00	\$ 54,736.92	\$ 54,736.92	\$ 104,000.00	\$ 104,000.00
109.01	Construction Conflicts and Additional Work	LS	1	\$200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
200.01	Mobilization/Demobilization	LS	1	\$100,000.00	\$ 100,000.00	\$ 138,000.00	\$ 138,000.00	\$ 12,163.76	\$ 12,163.76	\$ 118,144.00	\$ 118,144.00
201.01	Clearing and Grubbing	AC	5	\$3,000.00	\$ 15,000.00	\$ 800.00	\$ 4,000.00	\$ 1,824.56	\$ 9,122.80	\$ 1,040.00	\$ 5,200.00
202.01	Remove 15-Foot X 8-Foot Grate and Area Drain	EA	1	\$5,000.00	\$ 5,000.00	\$ 19,000.00	\$ 19,000.00	\$ 3,040.94	\$ 3,040.94	\$ 5,080.00	\$ 5,080.00
202.02	Remove Storm Drain Manhole	EA	3	\$2,500.00	\$ 7,500.00	\$ 2,000.00	\$ 6,000.00	\$ 1,033.92	\$ 3,101.76	\$ 1,020.00	\$ 3,060.00
202.03	Remove 12-Inch PVC Storm Drain	LF	850	\$20.00	\$ 17,000.00	\$ 30.00	\$ 25,500.00	\$ 42.57	\$ 36,184.50	\$ 10.80	\$ 9,180.00
202.04	Remove AC Pavement	SY	4,795	\$10.00	\$ 47,950.00	\$ 6.00	\$ 28,770.00	\$ 8.51	\$ 40,805.45	\$ 9.65	\$ 46,271.75
202.05	Remove Median Island	SF	1,400	\$6.00	\$ 8,400.00	\$ 4.00	\$ 5,600.00	\$ 7.30	\$ 10,220.00	\$ 2.40	\$ 3,360.00
202.06	Remove Riprap	SF	2,340	\$5.00	\$ 11,700.00	\$ 1.00	\$ 2,340.00	\$ 18.25	\$ 42,705.00	\$ 1.05	\$ 2,457.00
202.07	Remove 8'X4' RCB Headwall	LS	1	\$8,500.00	\$ 8,500.00	\$ 6,000.00	\$ 6,000.00	\$ 5,473.69	\$ 5,473.69	\$ 4,390.00	\$ 4,390.00
202.08	Remove Guardrail	LF	108	\$45.00	\$ 4,860.00	\$ 15.00	\$ 1,620.00	\$ 19.46	\$ 2,101.68	\$ 19.10	\$ 2,062.80
202.09	Remove Chain-link Fence	LF	661	\$10.00	\$ 6,610.00	\$ 3.00	\$ 1,983.00	\$ 6.08	\$ 4,018.88	\$ 5.00	\$ 3,305.00
202.1	Remove and Reset Existing Sign	EA	2	\$50.00	\$ 100.00	\$ 200.00	\$ 400.00	\$ 358.83	\$ 717.66	\$ 226.00	\$ 452.00
203.01	Over Excavation	CY	500	\$2.50	\$ 1,250.00	\$ 30.00	\$ 15,000.00	\$ 30.41	\$ 15,205.00	\$ 46.70	\$ 23,350.00
302.01	Type II Aggregate Base - Permanent Roadway - 20 Inch	EA	1,720	\$22.00	\$ 37,840.00	\$ 40.00	\$ 68,800.00	\$ 105.82	\$ 182,010.40	\$ 60.40	\$ 103,888.00
402.01	Plantmix Bituminous Surface Permanent Roadway	TON	1,150	\$90.00	\$ 103,500.00	\$ 68.00	\$ 78,200.00	\$ 94.88	\$ 109,112.00	\$ 90.60	\$ 104,190.00
502.01	12-Foot X 5-Foot Precast Reinforced Concrete Box	LF	660	\$900.00	\$ 594,000.00	\$ 1,015.00	\$ 669,900.00	\$ 1,094.74	\$ 722,528.40	\$ 1,210.00	\$ 798,600.00
502.02	14-Foot X 5-Foot Precast Reinforced Concrete Box	LF	2,365	\$1,000.00	\$ 2,365,000.00	\$ 1,205.00	\$ 2,849,825.00	\$ 1,279.63	\$ 3,026,324.95	\$ 1,430.00	\$ 3,381,950.00
502.03	Concrete Transition Structure ("SD" 10+87.05 to 11+07.05)	LS	1	\$35,000.00	\$ 35,000.00	\$ 37,500.00	\$ 37,500.00	\$ 46,830.48	\$ 46,830.48	\$ 47,800.00	\$ 47,800.00
502.04	Concrete Transition Structure ("SD" 17+67.66 to 17+87.66)	LS	1	\$30,000.00	\$ 30,000.00	\$ 42,000.00	\$ 42,000.00	\$ 52,912.36	\$ 52,912.36	\$ 51,800.00	\$ 51,800.00
502.05	Concrete Transition Structure ("SD" 41+61.82 to 41+76.82)	LS	1	\$30,000.00	\$ 30,000.00	\$ 34,000.00	\$ 34,000.00	\$ 46,830.48	\$ 46,830.48	\$ 42,800.00	\$ 42,800.00
502.06	14-Foot X 5-Foot Cast-in-Place Reinforced Concrete Box with Sewer Encasement	LS	1	\$24,444.00	\$ 24,444.00	\$ 27,500.00	\$ 27,500.00	\$ 38,315.85	\$ 38,315.85	\$ 34,500.00	\$ 34,500.00
603.01	24-Inch Reinforced Concrete Pipe Class III	LF	69	\$160.00	\$ 11,040.00	\$ 260.00	\$ 17,940.00	\$ 264.50	\$ 18,250.50	\$ 259.00	\$ 17,871.00
603.02	30-Inch Reinforced Concrete Pipe Class III	LF	26	\$200.00	\$ 5,200.00	\$ 625.00	\$ 16,250.00	\$ 264.04	\$ 6,865.04	\$ 757.00	\$ 19,682.00
603.03	42-Inch Reinforced Concrete Pipe Class III	LF	20	\$250.00	\$ 5,000.00	\$ 600.00	\$ 12,000.00	\$ 389.54	\$ 7,790.80	\$ 770.00	\$ 15,400.00
603.04	48-Inch Reinforced Concrete Pipe Class III	LF	114	\$300.00	\$ 34,200.00	\$ 425.00	\$ 48,450.00	\$ 318.53	\$ 36,312.42	\$ 113.00	\$ 12,882.00
603.05	60-Inch Reinforced Concrete Pipe Class III	LF	46	\$350.00	\$ 16,100.00	\$ 470.00	\$ 21,620.00	\$ 389.87	\$ 17,934.02	\$ 470.00	\$ 21,620.00
609.01	49-Inch Storm Drain Manhole	EA	13	\$4,800.00	\$ 62,400.00	\$ 3,600.00	\$ 46,800.00	\$ 4,500.59	\$ 58,507.67	\$ 3,350.00	\$ 43,550.00
609.02	Type II-SD Manhole	EA	1	\$9,000.00	\$ 9,000.00	\$ 15,000.00	\$ 15,000.00	\$ 14,596.51	\$ 14,596.51	\$ 11,100.00	\$ 11,100.00
609.03	NDOT Type 2B Drop Inlet (3-Grate, 6'X5')	EA	1	\$22,500.00	\$ 22,500.00	\$ 14,000.00	\$ 14,000.00	\$ 15,204.70	\$ 15,204.70	\$ 11,100.00	\$ 11,100.00
610.01	D50=6 Inch Riprap	CY	7	\$150.00	\$ 1,050.00	\$ 150.00	\$ 1,050.00	\$ 425.73	\$ 2,980.11	\$ 89.90	\$ 629.30
613.01	Concrete "A" Type Island Curb	SF	1,400	\$15.00	\$ 21,000.00	\$ 10.00	\$ 14,000.00	\$ 7.91	\$ 11,074.00	\$ 45.40	\$ 63,560.00
616.01	6-Foot Chain Link Fence	LF	467	\$30.00	\$ 14,010.00	\$ 23.00	\$ 10,741.00	\$ 38.92	\$ 18,175.64	\$ 22.10	\$ 10,320.70
616.02	Double Swing Access Gate	EA	1	\$2,000.00	\$ 2,000.00	\$ 2,100.00	\$ 2,100.00	\$ 3,040.94	\$ 3,040.94	\$ 2,270.00	\$ 2,270.00
627.01	Permanent Sign (Ground Mounted)	EA	2	\$350.00	\$ 700.00	\$ 260.00	\$ 520.00	\$ 298.01	\$ 596.02	\$ 285.00	\$ 570.00
628.01	Turn Arrow Pavement Marking Polyurea	EA	5	\$200.00	\$ 1,000.00	\$ 145.00	\$ 725.00	\$ 164.21	\$ 821.05	\$ 157.00	\$ 785.00
628.02	6-Inch Solid White Line	LF	1,712	\$2.00	\$ 3,424.00	\$ 2.00	\$ 3,424.00	\$ 1.34	\$ 2,294.08	\$ 1.30	\$ 2,225.60
628.03	"ONLY" Turn Lane Marking Polyurea	EA	3	\$200.00	\$ 600.00	\$ 235.00	\$ 705.00	\$ 267.80	\$ 802.80	\$ 255.00	\$ 765.00
628.04	24" Stop Bar	SF	67	\$6.00	\$ 402.00	\$ 10.00	\$ 670.00	\$ 10.64	\$ 712.88	\$ 10.20	\$ 683.40
628.05	Type 1 Centerline	LF	123	\$3.00	\$ 369.00	\$ 2.00	\$ 246.00	\$ 2.13	\$ 261.99	\$ 2.05	\$ 252.15
628.06	Type 4 Lane Lane ("A" and "F" Markers)	LF	361	\$3.00	\$ 1,083.00	\$ 1.00	\$ 361.00	\$ 0.55	\$ 198.55	\$ 0.52	\$ 187.72
628.07	Yellow 36-Inch Tuff Post, Delineator	EA	1	\$50.00	\$ 50.00	\$ 225.00	\$ 225.00	\$ 255.44	\$ 255.44	\$ 244.00	\$ 244.00
628.08	Reflective Yellow Median Paint	SF	5	\$3.00	\$ 15.00	\$ 5.00	\$ 25.00	\$ 4.87	\$ 24.35	\$ 4.65	\$ 23.25
629.01	Relocate Water Line Crossing #1	LS	1	\$25,000.00	\$ 25,000.00	\$ 30,500.00	\$ 30,500.00	\$ 9,244.46	\$ 9,244.46	\$ 16,000.00	\$ 16,000.00
633.01	Non-Reflective Pavement Markers	EA	57	\$3.00	\$ 171.00	\$ 5.00	\$ 285.00	\$ 5.05	\$ 287.85	\$ 4.80	\$ 273.60
633.02	Reflective Pavement Markers	EA	38	\$3.00	\$ 114.00	\$ 5.00	\$ 190.00	\$ 5.05	\$ 191.90	\$ 4.80	\$ 182.40
637.01	Dust Control	LS	1	\$25,000.00	\$ 25,000.00	\$ 45,000.00	\$ 45,000.00	\$ 14,596.51	\$ 14,596.51	\$ 19,700.00	\$ 19,700.00
637.02	NPDES Discharge Permit	LS	1	\$2,500.00	\$ 2,500.00	\$ 15,000.00	\$ 15,000.00	\$ 3,040.94	\$ 3,040.94	\$ 232.00	\$ 232.00
<b>TOTAL BASE BID</b>					\$ 4,067,582.00		\$ 4,648,765.00		\$ 4,908,524.13		\$ 5,367,949.67

**BID ABSTRACT**  
**CITY OF NORTH LAS VEGAS**  
**NORTH 5TH STREET COLLECTOR IMPROVEMENT PROJECT**  
**CIP Project No. CIP 10390**  
**BID NO. 1562 LABOR COMMISSION NO. PWP CL-2019-106**  
**BID DATE: FEBRUARY 5, 2019**

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE		LAS VEGAS PAVING		MULLER CONSTRUCTION		WADLEY CONSTRUCTION		
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	
402.02	Plantmix Bituminous Surface - Temporary Roadway - 2-Inch Thickness (STA. 10+03.27 to STA. 14+67.59)	TON	220	\$90.00	\$ 19,800.00	\$ 73.00	\$ 16,060.00	\$ 89.70	\$ 19,734.00	\$ 109.00	\$ 23,980.00	
302.02	Type II Aggregate Base - Temporary Roadway - 6-Inch Thickness (STA. 10+03.27 to STA. 14+67.59)	CY	296	\$22.00	\$ 6,512.00	\$ 110.00	\$ 32,560.00	\$ 109.30	\$ 32,352.80	\$ 76.60	\$ 22,673.60	
<b>ALTERNATIVE 1 BID ITEMS TOTAL</b>					\$ 26,312.00		\$ 48,620.00		\$ 52,086.80	A	\$ 46,653.60	
<b>BASE BID + ALTERNATIVE 1 TOTAL</b>					\$ 4,093,894.00		\$ 4,697,385.00		\$ 4,960,610.93	B	\$ 5,414,603.27	E

Subcontractors:		All Other Work	Las Vegas Paving	Muller Construction	Wadley Construction
	Manholes & Drop Inlets		Olson Precast Company		Jensen Precast
	CIP Concrete			Statewide Contracting	Sahara Concrete
	Paving			Wells Cargo	Wells Cargo
	Striping & Signs			Highway Striping & Signs	
	Fencing				Impact Sand & Gravel
	Traffic				
Suppliers:		Plantmix	Las Vegas Paving		
	RCB/RCP		Rinker Materials	Jensen Precast	
	Aggregate				Impact Sand & Gravel
	Concrete				Jensen Precast
	Waterworks				

- A. Alternative 1 Bid total, bidder submitted \$19,734.00, the correct amount is \$52,086.80.
- B. Base Bid + Alternative 1 Bid total, bidder submitted \$32,352.80, the correct amount is \$4,960,610.93.
- C. Item 603.04, bidder submitted a total price of \$35,882, the correct amount is \$12,882.00.
- D. Base Bid, bidder submitted \$5,390,749.67, the correct amount is \$5,367,949.67.
- E. Base Bid + Alternative 1 Bid total, bidder submitted \$5,437,403.27, the correct amount is \$5,414,603.27.

**BID ABSTRACT**  
**CITY OF NORTH LAS VEGAS**  
**NORTH 5TH STREET COLLECTOR IMPROVEMENT PROJECT**  
**CIP Project No. CIP 10390**  
**BID NO. 1562 LABOR COMMISSION NO. PWP CL-2019-106**  
**BID DATE: FEBRUARY 5, 2019**

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE		TAB CONTRACTORS		ACC SOUTHWEST		CAPRIATTI CONSTRUCTION		LONE MOUNTAIN EXCAVATION & UTILITY	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
104.01	Traffic Control	LS	1	\$150,000.00	\$ 150,000.00	\$ 130,000.00	\$ 130,000.00	\$ 116,500.00	\$ 116,500.00	\$ 80,759.93	\$ 80,759.93	\$ 65,000.00	\$ 65,000.00
109.01	Construction Conflicts and Additional Work	LS	1	\$200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00	\$ 200,000.00
200.01	Mobilization/Demobilization	LS	1	\$100,000.00	\$ 100,000.00	\$ 415,000.00	\$ 415,000.00	\$ 400,000.00	\$ 400,000.00	\$ 233,128.79	\$ 233,128.79	\$ 256,948.50	\$ 256,948.50
201.01	Clearing and Grubbing	AC	5	\$3,000.00	\$ 15,000.00	\$ 3,100.00	\$ 15,500.00	\$ 1,850.00	\$ 9,250.00	\$ 3,869.10	\$ 19,345.50	\$ 5,300.00	\$ 26,500.00
202.01	Remove 15-Foot X 8-Foot Grate and Area Drain	EA	1	\$5,000.00	\$ 5,000.00	\$ 10,000.00	\$ 10,000.00	\$ 11,600.00	\$ 11,600.00	\$ 6,258.19	\$ 6,258.19	\$ 5,700.00	\$ 5,700.00
202.02	Remove Storm Drain Manhole	EA	3	\$2,500.00	\$ 7,500.00	\$ 2,700.00	\$ 8,100.00	\$ 2,500.00	\$ 7,500.00	\$ 2,251.88	\$ 6,755.64	\$ 1,550.00	\$ 4,650.00
202.03	Remove 12-Inch PVC Storm Drain	LF	850	\$20.00	\$ 17,000.00	\$ 11.00	\$ 9,350.00	\$ 40.00	\$ 34,000.00	\$ 26.31	\$ 22,363.50	\$ 42.00	\$ 35,700.00
202.04	Remove AC Pavement	SY	4,795	\$10.00	\$ 47,950.00	\$ 12.00	\$ 57,540.00	\$ 9.00	\$ 43,155.00	\$ 2.43	\$ 11,651.85	\$ 10.00	\$ 47,950.00
202.05	Remove Median Island	SF	1,400	\$6.00	\$ 8,400.00	\$ 2.50	\$ 3,500.00	\$ 6.00	\$ 8,400.00	\$ 2.93	\$ 4,102.00	\$ 3.45	\$ 4,830.00
202.06	Remove Riprap	SF	2,340	\$5.00	\$ 11,700.00	\$ 2.50	\$ 5,850.00	\$ 5.00	\$ 11,700.00	\$ 3.46	\$ 8,096.40	\$ 3.00	\$ 7,020.00
202.07	Remove 8'X4' RCB Headwall	LS	1	\$8,500.00	\$ 8,500.00	\$ 7,000.00	\$ 7,000.00	\$ 3,000.00	\$ 3,000.00	\$ 6,177.36	\$ 6,177.36	\$ 1,850.00	\$ 1,850.00
202.08	Remove Guardrail	LF	108	\$45.00	\$ 4,860.00	\$ 25.00	\$ 2,700.00	\$ 14.00	\$ 1,512.00	\$ 13.49	\$ 1,456.92	\$ 40.00	\$ 4,320.00
202.09	Remove Chain-link Fence	LF	661	\$10.00	\$ 6,610.00	\$ 7.00	\$ 4,627.00	\$ 5.00	\$ 3,305.00	\$ 4.37	\$ 2,888.57	\$ 5.00	\$ 3,305.00
202.1	Remove and Reset Existing Sign	EA	2	\$50.00	\$ 100.00	\$ 650.00	\$ 1,300.00	\$ 220.00	\$ 440.00	\$ 1,768.92	\$ 3,537.84	\$ 250.00	\$ 500.00
203.01	Over Excavation	CY	500	\$2.50	\$ 1,250.00	\$ 9.00	\$ 4,500.00	\$ 35.00	\$ 17,500.00	\$ 20.97	\$ 10,485.00	\$ 62.00	\$ 31,000.00
302.01	Type II Aggregate Base - Permanent Roadway - 20 Inch	EA	1,720	\$22.00	\$ 37,840.00	\$ 30.00	\$ 51,600.00	\$ 50.00	\$ 86,000.00	\$ 39.89	\$ 68,610.80	\$ 73.00	\$ 125,560.00
402.01	Plantmix Bituminous Surface Permanent Roadway	TON	1,150	\$90.00	\$ 103,500.00	\$ 84.00	\$ 96,600.00	\$ 86.00	\$ 98,900.00	\$ 87.71	\$ 100,866.50	\$ 80.25	\$ 92,287.50
502.01	12-Foot X 5-Foot Precast Reinforced Concrete Box	LF	660	\$900.00	\$ 594,000.00	\$ 1,280.00	\$ 844,800.00	\$ 1,280.00	\$ 844,800.00	\$ 1,252.75	\$ 826,815.00	\$ 1,346.00	\$ 888,360.00
502.02	14-Foot X 5-Foot Precast Reinforced Concrete Box	LF	2,365	\$1,000.00	\$ 2,365,000.00	\$ 1,397.00	\$ 3,303,905.00	\$ 1,331.00	\$ 3,147,815.00	\$ 1,426.42	\$ 3,373,483.30	\$ 1,520.00	\$ 3,594,800.00
502.03	Concrete Transition Structure ("SD" 10-87.05 to 11+07.05)	LS	1	\$35,000.00	\$ 35,000.00	\$ 33,000.00	\$ 33,000.00	\$ 55,000.00	\$ 55,000.00	\$ 42,276.09	\$ 42,276.09	\$ 42,000.00	\$ 42,000.00
502.04	Concrete Transition Structure ("SD" 17+67.66 to 17+87.66)	LS	1	\$30,000.00	\$ 30,000.00	\$ 36,700.00	\$ 36,700.00	\$ 62,000.00	\$ 62,000.00	\$ 48,348.26	\$ 48,348.26	\$ 50,000.00	\$ 50,000.00
502.05	Concrete Transition Structure ("SD" 41+61.82 to 41+76.82)	LS	1	\$30,000.00	\$ 30,000.00	\$ 37,000.00	\$ 37,000.00	\$ 55,000.00	\$ 55,000.00	\$ 42,276.09	\$ 42,276.09	\$ 46,300.00	\$ 46,300.00
502.06	14-Foot X 5-Foot Cast-In-Place Reinforced Concrete Box with Sewer Encasement	LS	1	\$24,444.00	\$ 24,444.00	\$ 27,000.00	\$ 27,000.00	\$ 48,000.00	\$ 48,000.00	\$ 66,919.37	\$ 66,919.37	\$ 27,800.00	\$ 27,800.00
603.01	24-Inch Reinforced Concrete Pipe Class III	LF	69	\$160.00	\$ 11,040.00	\$ 200.00	\$ 13,800.00	\$ 282.00	\$ 19,458.00	\$ 170.76	\$ 11,782.44	\$ 245.00	\$ 16,905.00
603.02	30-Inch Reinforced Concrete Pipe Class III	LF	26	\$200.00	\$ 5,200.00	\$ 315.00	\$ 8,190.00	\$ 968.00	\$ 25,168.00	\$ 300.76	\$ 7,819.76	\$ 320.00	\$ 8,320.00
603.03	42-Inch Reinforced Concrete Pipe Class III	LF	20	\$250.00	\$ 5,000.00	\$ 350.00	\$ 7,000.00	\$ 505.00	\$ 10,100.00	\$ 246.73	\$ 4,934.60	\$ 390.00	\$ 7,800.00
603.04	48-Inch Reinforced Concrete Pipe Class III	LF	114	\$300.00	\$ 34,200.00	\$ 300.00	\$ 34,200.00	\$ 434.00	\$ 49,476.00	\$ 255.44	\$ 29,120.16	\$ 480.00	\$ 54,720.00
603.05	60-Inch Reinforced Concrete Pipe Class III	LF	46	\$350.00	\$ 16,100.00	\$ 450.00	\$ 20,700.00	\$ 576.00	\$ 26,496.00	\$ 311.46	\$ 14,327.16	\$ 520.00	\$ 23,920.00
609.01	49-Inch Storm Drain Manhole	EA	13	\$4,800.00	\$ 62,400.00	\$ 3,000.00	\$ 39,000.00	\$ 5,200.00	\$ 67,600.00	\$ 6,118.51	\$ 79,540.63	\$ 3,800.00	\$ 49,400.00
609.02	Type II-SD Manhole	EA	1	\$9,000.00	\$ 9,000.00	\$ 10,450.00	\$ 10,450.00	\$ 16,000.00	\$ 16,000.00	\$ 20,649.32	\$ 20,649.32	\$ 11,300.00	\$ 11,300.00
609.03	NDOT Type 2B Drop Inlet (3-Grate, 6'X5')	EA	1	\$22,500.00	\$ 22,500.00	\$ 10,250.00	\$ 10,250.00	\$ 22,000.00	\$ 22,000.00	\$ 21,479.44	\$ 21,479.44	\$ 12,300.00	\$ 12,300.00
610.01	D50-6 Inch Riprap	CY	7	\$150.00	\$ 1,050.00	\$ 220.00	\$ 1,540.00	\$ 360.00	\$ 2,520.00	\$ 483.22	\$ 3,382.54	\$ 890.00	\$ 6,230.00
613.01	Concrete "A" Type Island Curb	SF	1,400	\$15.00	\$ 21,000.00	\$ 12.00	\$ 16,800.00	\$ 13.00	\$ 18,200.00	\$ 15.52	\$ 21,728.00	\$ 20.00	\$ 28,000.00
616.01	6-Foot Chain Link Fence	LF	467	\$30.00	\$ 14,010.00	\$ 22.00	\$ 10,274.00	\$ 22.00	\$ 10,274.00	\$ 20.15	\$ 9,410.05	\$ 20.00	\$ 9,340.00
616.02	Double Swing Access Gate	EA	1	\$2,000.00	\$ 2,000.00	\$ 2,400.00	\$ 2,400.00	\$ 2,200.00	\$ 2,200.00	\$ 2,986.06	\$ 2,986.06	\$ 2,100.00	\$ 2,100.00
627.01	Permanent Sign (Ground Mounted)	EA	2	\$350.00	\$ 700.00	\$ 300.00	\$ 600.00	\$ 276.00	\$ 552.00	\$ 2,406.38	\$ 4,812.76	\$ 310.00	\$ 620.00
628.01	Turn Arrow Pavement Marking Polyurea	EA	5	\$200.00	\$ 1,000.00	\$ 400.00	\$ 2,000.00	\$ 152.00	\$ 760.00	\$ 151.80	\$ 759.00	\$ 200.00	\$ 1,000.00
628.02	6-Inch Solid White Line	LF	1,712	\$2.00	\$ 3,424.00	\$ 3.00	\$ 5,136.00	\$ 1.50	\$ 2,568.00	\$ 1.24	\$ 2,122.88	\$ 1.50	\$ 2,568.00
628.03	"ONLY" Turn Lane Marking Polyurea	EA	3	\$200.00	\$ 600.00	\$ 500.00	\$ 1,500.00	\$ 250.00	\$ 750.00	\$ 247.38	\$ 742.14	\$ 250.00	\$ 750.00
628.04	24" Stop Bar	SF	67	\$6.00	\$ 402.00	\$ 15.00	\$ 1,005.00	\$ 10.00	\$ 670.00	\$ 9.84	\$ 659.28	\$ 8.00	\$ 536.00
628.05	Type 1 Centerline	LF	123	\$3.00	\$ 369.00	\$ 10.00	\$ 1,230.00	\$ 2.00	\$ 246.00	\$ 1.97	\$ 242.31	\$ 2.00	\$ 246.00
628.06	Type 4 Lane Lane ("A" and "F" Markers)	LF	361	\$3.00	\$ 1,083.00	\$ 8.00	\$ 2,888.00	\$ 0.50	\$ 180.50	\$ 0.51	\$ 184.11	\$ 1.00	\$ 361.00
628.07	Yellow 36-Inch Tuff Post, Delineator	EA	1	\$50.00	\$ 50.00	\$ 900.00	\$ 900.00	\$ 240.00	\$ 240.00	\$ 236.14	\$ 236.14	\$ 350.00	\$ 350.00
628.08	Reflective Yellow Median Paint	SF	5	\$3.00	\$ 15.00	\$ 45.00	\$ 225.00	\$ 5.00	\$ 25.00	\$ 4.50	\$ 22.50	\$ 21.00	\$ 105.00
629.01	Relocate Water Line Crossing #1	LS	1	\$25,000.00	\$ 25,000.00	\$ 29,500.00	\$ 29,500.00	\$ 37,000.00	\$ 37,000.00	\$ 36,463.71	\$ 36,463.71	\$ 44,000.00	\$ 44,000.00
633.01	Non-Reflective Pavement Markers	EA	57	\$3.00	\$ 171.00	\$ 11.00	\$ 627.00	\$ 5.00	\$ 285.00	\$ 4.67	\$ 266.19	\$ 3.00	\$ 171.00
633.02	Reflective Pavement Markers	EA	38	\$3.00	\$ 114.00	\$ 11.00	\$ 418.00	\$ 5.00	\$ 190.00	\$ 4.67	\$ 177.46	\$ 4.00	\$ 152.00
637.01	Dust Control	LS	1	\$25,000.00	\$ 25,000.00	\$ 50,000.00	\$ 50,000.00	\$ 41,000.00	\$ 41,000.00	\$ 194,447.05	\$ 194,447.05	\$ 41,000.00	\$ 41,000.00
637.02	NPDES Discharge Permit	LS	1	\$2,500.00	\$ 2,500.00	\$ 20,000.00	\$ 20,000.00	\$ 3,400.00	\$ 3,400.00	\$ 5,060.15	\$ 5,060.15	\$ 7,100.00	\$ 7,100.00
<b>TOTAL BASE BID</b>					<b>\$ 4,067,582.00</b>		<b>\$ 5,596,205.00</b>		<b>\$ 5,622,735.50</b>		<b>\$ 5,659,958.74</b>		<b>\$ 5,891,675.00</b>

**BID ABSTRACT**  
**CITY OF NORTH LAS VEGAS**  
**NORTH 5TH STREET COLLECTOR IMPROVEMENT PROJECT**  
**CIP Project No. CIP 10390**  
**BID NO. 1562 LABOR COMMISSION NO. PWP CL-2019-106**  
**BID DATE: FEBRUARY 5, 2019**

ITEM	DESCRIPTION	UNIT	QTY	ENGINEER'S ESTIMATE		TAB CONTRACTORS		ACC SOUTHWEST		CAPRIATTI CONSTRUCTION		LONE MOUNTAIN EXCAVATION & UTILITY	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
402.02	Plantmix Bituminous Surface - Temporary Roadway - 2-Inch Thickness (STA. 10+03.27 to STA 14+67.59)	TON	220	\$90.00	\$ 19,800.00	\$ 79.00	\$ 17,380.00	\$ 86.00	\$ 18,920.00	\$ 140.56	\$ 30,923.20	\$ 80.00	\$ 17,600.00
302.02	Type II Aggregate Base - Temporary Roadway - 6 Inch Thickness (STA. 10+03.27 to STA. 14+67.59)	CY	296	\$22.00	\$ 6,512.00	\$ 35.00	\$ 10,360.00	\$ 68.00	\$ 20,128.00	\$ 30.66	\$ 9,075.36	\$ 100.00	\$ 29,600.00
<b>ALTERNATIVE 1 BID ITEMS TOTAL</b>					<b>\$ 26,312.00</b>		<b>\$ 27,740.00</b>		<b>\$ 39,048.00</b>		<b>\$ 39,998.56</b>		<b>\$ 47,200.00</b>
<b>BASE BID + ALTERNATIVE 1 TOTAL</b>					<b>\$ 4,093,894.00</b>		<b>\$ 5,623,945.00</b>		<b>\$ 5,661,783.50</b>		<b>\$ 5,699,957.30</b>		<b>\$ 5,938,875.00</b>

Subcontractors:	All Other Work	TAB Contractors	ACC Southwest	Capriatti Construction	Lone Mountain Excavation & Utility
	Manholes & Drop Inlets				
	CIP Concrete		Olson Precast	Ross Co Construction	Stewart & Sundell
	Paving		Wells Cargo	Las Vegas Paving	Wells Cargo
	Striping & Signs		Superior Traffic Services		Nelson Hiniker Striping
	Fencing				Red Star Fencing
	Traffic				Superior Traffic Services
Suppliers:	Plantmix				
	RCB/RCP	Rinker Materials	Rinker Materials	Rinker Materials	Rinker Materials
	Aggregate	Wells Cargo			
	Concrete	Nevada Ready Mix		Cemex	Cemex
	Waterworks	Core & Main	Core & Main	Core & Main	Core & Main

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b> FLAMINGO – BOULDER HIGHWAY NORTH – BOULDER HWY, SAHARA TO CHARLESTON
<b>PETITIONER:</b> MIKE JANSSEN, DIRECTOR CITY OF LAS VEGAS PUBLIC WORKS
<b>RECOMMENDATION OF PETITIONER:</b> IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION TO INCREASE FUNDING FOR THE FLAMINGO – BOULDER HIGHWAY NORTH – BOULDER HWY, SAHARA TO CHARLESTON PROJECT – LAS29E18 (FOR POSSIBLE ACTION)

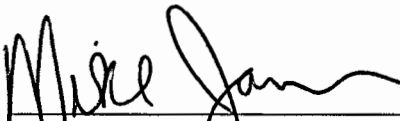
**FISCAL IMPACT:**

	Current Funding	Increase/Decrease	Proposed Funding
Construction Management	\$ 1,708,509	\$ 126,097	\$ 1,834,606
Construction	\$24,407,277	\$4,422,256	\$28,829,533
Total ILC Value	\$26,115,786	\$4,548,353	\$30,664,139

**BACKGROUND:**

On October 11, 2018 the District entered into an interlocal contract with the City to provide construction and construction engineering funding for the Flamingo – Boulder Highway North – Boulder Highway, Sahara to Charleston project. This First Supplemental Interlocal Contract will increase funding for construction and construction management due to bids coming in higher than estimated.

Respectfully submitted,

  
 \_\_\_\_\_  
 Mike Janssen, Director  
 Department of Public Works

TAC AGENDA ITEM # 14a Date: 04/25/2019	RFCD AGENDA ITEM # Date: 05/23/2019
CAC AGENDA ITEM # 14a Date: 04/29/2019	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

FLAMINGO – BOULDER HIGHWAY NORTH – BOULDER HWY., SAHARA TO CHARLESTON  
FIRST SUPPLEMENTAL INTERLOCAL CONTRACT – LAS29E18

The City of Las Vegas has submitted a request to approve a first supplemental interlocal contract for construction and construction engineering to increase funding in the amount of \$4,548,353 for Flamingo – Boulder Highway North – Boulder Hwy., Sahara to Charleston project.

The increase is necessary to cover the award of bid. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$24,407,277	\$4,422,256	\$28,829,533
Construction Engineering	\$ 1,708,509	\$ 126,097	\$ 1,834,606
Total ILC Value	\$26,115,786	\$4,548,353	\$30,664,139

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  
#14a Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#14a Date: 04/29/19

**Recommendation:**

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

**THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2019 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 0038, hereinafter referred to as “PROJECT”; and

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

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

**WHEREAS**, the PROJECT has been approved by the DISTRICT on its 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.

**WHEREAS**, the Interlocal Contract dated October 11, 2018 was entered into between the DISTRICT and the CITY; and

**WHEREAS**, the CITY desires to increase 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 as follows:**

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

1. Construction Management at a cost not to exceed \$1,834,606.



2. Construction at a cost not to exceed \$28,829,533.
3. The total cost of this CONTRACT shall not exceed \$30,664,139 which includes all of the items described in the paragraphs above.
4. If at any time during the term of this Contract the entity determines that a portion of the funds provided pursuant to this Contract will not be needed for the project, then the entity will notify the District in writing of the amount of funds that are not anticipated to be used for the project. Upon receipt of said notification the District's obligation to pay the maximum amount set forth herein will automatically be reduced by the amount specified in the notification.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the Lead Entity is required.
6. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds

The remainder of the original Interlocal Contract dated October 11, 2018 shall remain unchanged.

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**IN WITNESS WHEREOF**, the Parties have caused this First 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: \_\_\_\_\_  
Sherry Allen  
Secretary to the Board

Approved as to Form

Approved as to Form

By: \_\_\_\_\_  
Deputy City Attorney      Date

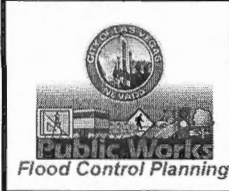
By: \_\_\_\_\_  
Christopher Figgins      Date  
Chief Deputy District Attorney



**LEGEND**

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

N



**EXHIBIT A**  
**FLAMINGO - BOULDER HWY NORTH, BOULDER HWY,**  
**SAHARA TO CHARLESTON (LAS29E18)**

SCALE: 1:14,000  
DRAWING NAME:  
Flamingo\_BoulderHwyNorth\_  
Saraha\_Charleston.MXD  
DRAWN BY: C. JONES  
DATE: 04/11/2019  
SHEET NUMBER 1 OF 1

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b> FLAMINGO – BOULDER HIGHWAY NORTH – BOULDER HWY, SAHARA TO CHARLESTON
<b>PETITIONER:</b> MIKE JANSSEN, DIRECTOR CITY OF LAS VEGAS PUBLIC WORKS
<b>RECOMMENDATION OF PETITIONER:</b> IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT RECEIVE A REPORT ON THE RECOMMENDATION OF THE AWARD OF BID FOR CONSTRUCTION OF THE FLAMINGO – BOULDER HIGHWAY NORTH – BOULDER HWY, SAHARA TO CHARLESTON – LAS29E18

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

\$ 26,208,666	Regional Flood Control District
\$ <u>3,701,005</u>	Las Vegas Valley Water District

\$29,909,671      Total

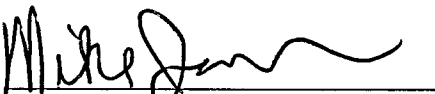
**BACKGROUND:**

On April 2, 2019, bids were open for Flamingo – Boulder Highway North – Boulder Hwy, Sahara to Charleston Project. Three bids were received ranging in cost from \$29,909,671 to \$31,148,431. The lowest bidder of \$29,909,671 by Harber Company, Inc. was recommended, which is approximately 10% higher than the engineer’s estimate of \$27,171,889 presented to the District Board on October 11, 2018.

The Interlocal Contract dated October 11, 2018 allocates \$24,407,277 for construction of this project. There is an item on this agenda for approval to increase construction funding to \$28,829,533.

A cash flow projection, estimated construction schedule, and a tabulation of base bid are attached.

Respectfully submitted,

  
 \_\_\_\_\_  
 Mike Janssen, Director  
 Department of Public Works

TAC AGENDA ITEM # 14b Date: 04/25/2019	RFCD AGENDA ITEM # Date: 05/23/2019
CAC AGENDA ITEM # 14b Date: 04/29/2019	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**FLAMINGO – BOULDER HIGHWAY NORTH – BOULDER HWY., SAHARA TO CHARLESTON  
AWARD OF BID FOR CONSTRUCTION – LAS29E18**

On April 2, 2019, bids were open for the Flamingo – Boulder Highway North – Boulder Hwy., Sahara to Charleston project. Three (3) bids were received ranging in cost from \$29,909,671 to \$31,148,431. The recommended best bid is to Harber Company, Inc., in the amount of \$29,909,671 or 10% above the engineer's estimate of \$27,171,889 submitted to the District Board in October 2018.

The Interlocal Contract dated October 11, 2018 between the District and the City allocates \$24,407,277 for construction of this project. There is an item on this agenda for approval to increase construction funding to \$28,829,533.

A cash flow projection, estimated construction schedule, and a tabulation of base bid are attached.

**Staff Recommendation:**

Receive the report.

**Discussion by Technical Advisory Committee:**

AGENDA  
#14b Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#14b Date: 04/29/19

**Recommendation:**

Clark County Regional Flood Control District Cash Flow Projection

Today's Date: 4/10/2019

Project Number: LAS29E18  
 Project Name: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston  
 Project Type: Storm Drain  
 ILC Amount: \$26,115,786 \$ 30,664,139

Construction Schedule			
Milestone	Estimate	Revised	Actual
Award of Bid	1/31/2019	4/2/2019	
CONS Start	3/1/2019	6/1/2019	
CONS Complete	10/31/2020	1/31/2021	
Project Duration	20 months	20 months	

Billing Month	Original Estimate		Actual Drawdowns		Variance		Billing Month	Revised Estimate	
	\$	%	\$	%	\$	%		\$	%
Mar-19	\$261,158	1%					Jun-19	\$306,641	1%
Apr-19	\$522,316	2%					Jul-19	\$613,283	2%
May-19	\$783,474	3%					Aug-19	\$919,924	3%
Jun-19	\$1,044,631	4%					Sep-19	\$1,226,566	4%
Jul-19	\$1,305,789	5%					Oct-19	\$1,533,207	5%
Aug-19	\$1,305,789	5%					Nov-19	\$1,533,207	5%
Sep-19	\$1,828,105	7%					Dec-19	\$2,146,490	7%
Oct-19	\$2,089,263	8%					Jan-20	\$2,453,131	8%
Nov-19	\$2,611,579	10%					Feb-20	\$3,066,414	10%
Dec-19	\$2,611,579	10%					Mar-20	\$3,066,414	10%
Jan-20	\$2,611,579	10%					Apr-20	\$3,066,414	10%
Feb-20	\$2,611,579	10%					May-20	\$3,066,414	10%
Mar-20	\$1,566,947	6%					Jun-20	\$1,839,848	6%
Apr-20	\$1,305,789	5%					Jul-20	\$1,533,207	5%
May-20	\$1,044,631	4%					Aug-20	\$1,226,566	4%
Jun-20	\$783,474	3%					Sep-20	\$919,924	3%
Jul-20	\$783,474	3%					Oct-20	\$919,924	3%
Aug-20	\$522,316	2%					Nov-20	\$613,283	2%
Sep-20	\$261,158	1%					Dec-20	\$306,641	1%
Oct-20	\$261,158	1%					Jan-21	\$306,641	1%
<b>Total</b>	<b>\$26,115,786</b>	<b>100%</b>						<b>\$ 30,664,139</b>	<b>100.00%</b>

**BID ABSTRACT**

19.62695-JH Flamingo-Boulder Hwy North - Boulder Hwy,  
Sahara to Charleston (Boulder Hwy Storm Drain)  
Bid Date: April 2, 2019

City of Las Vegas - Finance Department  
Purchasing & Contracts Division  
495 S. Main Street, 3rd Floor  
Las Vegas, Nevada 89101

Item #	Description	QTY	UOM	Harber Company, Inc. (Mountain Cascade of Nevada)		Las Vegas Paving Corporation		TAB Contractors, Inc.	
				Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	105.01 CONTRACTOR QUALITY CONTROL	1	LS	\$300,000.00	\$300,000.00	\$350,000.00	\$350,000.00	\$535,000.00	\$535,000.00
2	107.01 PUBLIC OUTREACH PROGRAM	1	FA	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
3	109.01 OWNER INITIATED TIME EXTENSION ALLOWANCE	24	DAY	\$500.00	\$12,000.00	\$500.00	\$12,000.00	\$500.00	\$12,000.00
4	109.02 OWNER INITIATED TIME EXTENSION AMOUNT IN ADDITION TO ALLOWANCE	24	DAY	\$500.00	\$12,000.00	\$500.00	\$12,000.00	\$500.00	\$12,000.00
5	200.01 MOBILIZATION AND D+A167EMOBILIZATION	1	LS	\$546,000.00	\$546,000.00	\$1,296,380.00	\$1,296,380.00	\$1,231,347.10	\$1,231,347.10
6	202.01 REMOVAL OF ASPHALT PAVEMENT	41977	SY	\$12.00	\$503,724.00	\$16.00	\$671,632.00	\$13.50	\$566,689.50
7	202.02 REMOVE EXISTING SIDEWALK	273	SF	\$7.00	\$1,911.00	\$10.00	\$2,730.00	\$14.00	\$3,822.00
8	202.03 REMOVE EXISTING CURB AND GUTTER	1322	LF	\$19.00	\$25,118.00	\$12.00	\$15,864.00	\$9.00	\$11,898.00
9	202.04 REMOVE EXISTING CROSS GUTTER	1920	SF	\$9.00	\$17,280.00	\$8.00	\$15,360.00	\$7.00	\$13,440.00
10	202.05 REMOVE EXISTING DRIVEWAY	62	SF	\$11.00	\$682.00	\$30.00	\$1,860.00	\$75.00	\$4,650.00
11	202.06 COLD MILL EXISTING PAVEMENT 1-INCH	18608	SY	\$3.00	\$55,824.00	\$5.00	\$93,040.00	\$2.55	\$47,450.40
12	202.07 REMOVE EXISTING MEDIAN ISLAND PAVING	3480	SF	\$18.00	\$62,640.00	\$4.00	\$13,920.00	\$4.25	\$14,790.00
13	202.08 REMOVE EXISTING RCP STORM DRAIN	2357	LF	\$7.00	\$16,499.00	\$18.00	\$42,426.00	\$17.00	\$40,069.00
14	202.09 REMOVE EXISTING STORM DRAIN MANHOLE	8	EA	\$2,900.00	\$23,200.00	\$2,000.00	\$16,000.00	\$3,000.00	\$24,000.00
15	202.10 REMOVE EXISTING DROP INLET	19	EA	\$1,900.00	\$36,100.00	\$2,300.00	\$43,700.00	\$4,500.00	\$85,500.00
16	202.11 ABANDON EXISTING STORM DRAIN	1118	LF	\$40.00	\$44,720.00	\$37.00	\$41,366.00	\$25.00	\$27,950.00
17	202.12 REMOVE WATER PIPE	915	LF	\$15.00	\$13,725.00	\$63.00	\$57,645.00	\$18.00	\$16,470.00
18	202.13 REMOVE AND SALVAGE AV/AR VALVE/METER	5	EA	\$600.00	\$3,000.00	\$1,250.00	\$6,250.00	\$500.00	\$2,500.00
19	202.14 REMOVE AND SALVAGE TEST STATION	1	EA	\$700.00	\$700.00	\$1,050.00	\$1,050.00	\$550.00	\$550.00
20	202.15 ABANDON WATER LINE, 30-INCH	5230	LF	\$25.00	\$130,750.00	\$30.00	\$156,900.00	\$17.50	\$91,525.00
21	202.16 ABANDON WATER LINE, 16-INCH	220	LF	\$10.00	\$2,200.00	\$30.00	\$6,600.00	\$19.00	\$4,180.00
22	202.17 ABANDON WATER LINE, 8-INCH	790	LF	\$6.00	\$4,740.00	\$10.00	\$7,900.00	\$9.00	\$7,110.00
23	202.18 ABANDON WATER LINE, 6-INCH	930	LF	\$5.00	\$4,650.00	\$8.00	\$7,440.00	\$8.00	\$7,440.00

**BID ABSTRACT**

19.62695-JH Flamingo-Boulder Hwy North - Boulder Hwy,  
Sahara to Charleston (Boulder Hwy Storm Drain)  
Bid Date: April 2, 2019

City of Las Vegas - Finance Department  
Purchasing & Contracts Division  
495 S. Main Street, 3rd Floor  
Las Vegas, Nevada 89101

Item #	Description	QTY	UOM	Harber Company, Inc. (Mountain Cascade of Nevada)		Las Vegas Paving Corporation		TAB Contractors, Inc.	
				Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
24	202.19 ABANDON EXISTING WATER VALVE	31	EA	\$900.00	\$27,900.00	\$780.00	\$24,180.00	\$250.00	\$7,750.00
25	202.20 REMOVE SANITARY SEWER PIPE	1140	LF	\$5.00	\$5,700.00	\$55.00	\$62,700.00	\$18.00	\$20,520.00
26	202.21 REMOVE SANITARY SEWER MANHOLE	4	EA	\$1,600.00	\$6,400.00	\$2,750.00	\$11,000.00	\$2,700.00	\$10,800.00
27	202.22 ABANDON SANITARY SEWER PIPE, 10-INCH	1877	LF	\$10.00	\$18,770.00	\$21.00	\$39,417.00	\$8.00	\$15,016.00
28	202.23 ABANDON SANITARY SEWER PIPE, 8-INCH	315	LF	\$9.00	\$2,835.00	\$17.00	\$5,355.00	\$14.00	\$4,410.00
29	202.24 ABANDON SANITARY SEWER MANHOLE	5	EA	\$2,500.00	\$12,500.00	\$2,500.00	\$12,500.00	\$3,000.00	\$15,000.00
30	202.25 REMOVE EXISTING WATER VALVE	12	EA	\$930.00	\$11,160.00	\$1,000.00	\$12,000.00	\$2,000.00	\$24,000.00
31	208.01 TRENCH OVER-EXCAVATION AND BACKFILL	1162	CY	\$150.00	\$174,300.00	\$46.00	\$53,452.00	\$45.00	\$52,290.00
32	270.01 DEWATERING	1	LS	\$900,000.00	\$900,000.00	\$1,200,000.00	\$1,200,000.00	\$1,550,000.00	\$1,550,000.00
33	302.01 TYPE II AGGREGATE BASE - ROADWAY	2700	CY	\$53.00	\$143,100.00	\$55.00	\$148,500.00	\$37.00	\$99,900.00
34	302.01N TYPE 1 CLASS B AGGREGATE BASE (NDOT) - ROADWAY	15150	CY	\$55.00	\$833,250.00	\$36.00	\$545,400.00	\$35.00	\$530,250.00
35	402.01 6-INCH PLANTMIX BITUMINOUS SURFACE	7802	SY	\$43.00	\$335,486.00	\$34.00	\$265,268.00	\$36.00	\$280,872.00
36	402.01N 7-INCH PLANTMIX BITUMINOUS SURFACE (NDOT)	34175	SY	\$45.00	\$1,537,875.00	\$36.00	\$1,230,300.00	\$40.00	\$1,367,000.00
37	403.01N 1-INCH PLANTMIX BITUMINOUS OPEN-GRADED SURFACE (NDOT)	45266	SY	\$7.00	\$316,862.00	\$7.00	\$316,862.00	\$6.75	\$305,545.50
38	413.01 1-INCH UTACS BONDED WITH A PMM, S3 GRADATION	14771	SY	\$12.00	\$177,252.00	\$8.00	\$118,168.00	\$12.00	\$177,252.00
39	502.01 REINFORCED CONCRETE BOX, 15-FT X 10-FT	986	LF	\$2,200.00	\$2,169,200.00	\$3,060.00	\$3,017,160.00	\$1,900.00	\$1,873,400.00
40	502.02 REINFORCED CONCRETE BOX, 18-FT X 8-FT	2622	LF	\$2,500.00	\$6,555,000.00	\$1,980.00	\$5,191,560.00	\$2,000.00	\$5,244,000.00
41	502.03 REINFORCED CONCRETE BOX, 20-FT X 8-FT	1392	LF	\$2,600.00	\$3,619,200.00	\$2,300.00	\$3,201,600.00	\$2,305.00	\$3,208,560.00
42	502.04 REINFORCED CONCRETE BOX, 24-FT X 6-FT	381	LF	\$4,625.00	\$1,762,125.00	\$5,275.00	\$2,009,775.00	\$4,900.00	\$1,866,900.00
43	502.05 CAST-IN-PLACE JUNCTION/TRANSITION STRUCTURE AT "SD01" STA 114+82	1	LS	\$80,000.00	\$80,000.00	\$105,000.00	\$105,000.00	\$83,000.00	\$83,000.00
44	502.06 CAST-IN-PLACE TRANSITION STRUCTURE (20-FT X 8-FT TO 24-FT X 6-FT)	1	LS	\$79,000.00	\$79,000.00	\$62,000.00	\$62,000.00	\$85,000.00	\$85,000.00
45	502.07 CAST-IN-PLACE TRANSITION STRUCTURE (24-FT X 6-FT TO 15-FT X 10-FT)	1	LS	\$140,000.00	\$140,000.00	\$131,000.00	\$131,000.00	\$160,000.00	\$160,000.00
46	502.08 CAST-IN-PLACE MAINTENANCE ACCESS STRUCTURE AT "SD01" STA 99+00	1	LS	\$200,000.00	\$200,000.00	\$165,000.00	\$165,000.00	\$140,000.00	\$140,000.00



**BID ABSTRACT**

19.62695-JH Flamingo-Boulder Hwy North - Boulder Hwy,  
Sahara to Charleston (Boulder Hwy Storm Drain)  
Bid Date: April 2, 2019

City of Las Vegas - Finance Department  
Purchasing & Contracts Division  
495 S. Main Street, 3rd Floor  
Las Vegas, Nevada 89101

Item #	Description	QTY	UOM	Harber Company, Inc. (Mountain Cascade of Nevada)		Las Vegas Paving Corporation		TAB Contractors, Inc.	
				Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
47	502.09 CAST-IN-PLACE MAINTENANCE ACCESS STRUCTURE AT "SD01" STA 125+43	1	LS	\$210,000.00	\$210,000.00	\$173,000.00	\$173,000.00	\$148,000.00	\$148,000.00
48	502.10 CAST-IN-PLACE ENLARGED CONCRETE COLLAR CONNECTION TO RCB AT "SD01" STA 90+78	1	LS	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00
49	502.11 CAST-IN-PLACE ENLARGED CONCRETE COLLAR CONNECTION TO RCB AT "SD01" STA 132+05	1	LS	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$12,000.00	\$12,000.00
50	502.12 18-FT X 8-FT RCB END CAP	1	LS	\$7,000.00	\$7,000.00	\$8,600.00	\$8,600.00	\$7,000.00	\$7,000.00
51	502.13 JUNCTION MANHOLE	1	LS	\$18,000.00	\$18,000.00	\$17,000.00	\$17,000.00	\$27,000.00	\$27,000.00
52	603.01 18-INCH REINFORCED CONCRETE PIPE (CLASS III)	487	LF	\$265.00	\$129,055.00	\$200.00	\$97,400.00	\$200.00	\$97,400.00
53	603.02 24-INCH REINFORCED CONCRETE PIPE (CLASS III)	1018	LF	\$260.00	\$264,680.00	\$305.00	\$310,490.00	\$225.00	\$229,050.00
54	603.03 30-INCH REINFORCED CONCRETE PIPE (CLASS III)	2056	LF	\$255.00	\$524,280.00	\$385.00	\$791,560.00	\$255.00	\$524,280.00
55	603.04 36-INCH REINFORCED CONCRETE PIPE (CLASS III)	98	LF	\$275.00	\$26,950.00	\$350.00	\$34,300.00	\$275.00	\$26,950.00
56	603.05 42-INCH REINFORCED CONCRETE PIPE (CLASS III)	124	LF	\$300.00	\$37,200.00	\$400.00	\$49,600.00	\$325.00	\$40,300.00
57	603.06 48-INCH REINFORCED CONCRETE PIPE (CLASS III)	59	LF	\$325.00	\$19,175.00	\$425.00	\$25,075.00	\$355.00	\$20,945.00
58	603.07 54-INCH REINFORCED CONCRETE PIPE (CLASS III)	508	LF	\$475.00	\$241,300.00	\$835.00	\$424,180.00	\$575.00	\$292,100.00
59	603.08 60-INCH REINFORCED CONCRETE PIPE (CLASS III)	777	LF	\$450.00	\$349,650.00	\$510.00	\$396,270.00	\$605.00	\$470,085.00
60	603.09 66-INCH REINFORCED CONCRETE PIPE (CLASS III)	53	LF	\$590.00	\$31,270.00	\$725.00	\$38,425.00	\$685.00	\$36,305.00
61	603.10 72-INCH REINFORCED CONCRETE PIPE (CLASS III)	189	LF	\$670.00	\$126,630.00	\$610.00	\$115,290.00	\$825.00	\$155,925.00
62	603.11 91-INCH X 58-INCH HE REINFORCED CONCRETE PIPE (CLASS III)	85	LF	\$900.00	\$76,500.00	\$1,050.00	\$89,250.00	\$1,175.00	\$99,875.00
63	603.12 60-INCH X 38-INCH HE REINFORCED CONCRETE PIPE (CLASS III)	46	LF	\$485.00	\$22,310.00	\$640.00	\$29,440.00	\$455.00	\$20,930.00
64	603.13 18-INCH C905 PVC STORM DRAIN PIPE	119	LF	\$240.00	\$28,560.00	\$245.00	\$29,155.00	\$140.00	\$16,660.00
65	603.14 RCP PLUG	2	EA	\$1,300.00	\$2,600.00	\$1,000.00	\$2,000.00	\$3,000.00	\$6,000.00
66	609.01 60-INCH TYPE I STORM DRAIN MANHOLE	2	EA	\$11,200.00	\$22,400.00	\$9,500.00	\$19,000.00	\$7,500.00	\$15,000.00
67	609.02 TYPE III STORM DRAIN MANHOLE	13	EA	\$14,000.00	\$182,000.00	\$12,400.00	\$161,200.00	\$12,000.00	\$156,000.00
68	609.03 NDOT TYPE 4 STORM DRAIN MANHOLE	2	EA	\$25,000.00	\$50,000.00	\$25,000.00	\$50,000.00	\$22,000.00	\$44,000.00
69	609.04 NDOT TYPE 4 STORM DRAIN MANHOLE SPECIAL DESIGN	5	EA	\$50,000.00	\$250,000.00	\$45,000.00	\$225,000.00	\$53,500.00	\$267,500.00

**BID ABSTRACT**

19.62695-JH Flamingo-Boulder Hwy North - Boulder Hwy,  
Sahara to Charleston (Boulder Hwy Storm Drain)  
Bid Date: April 2, 2019

City of Las Vegas - Finance Department  
Purchasing & Contracts Division  
495 S. Main Street, 3rd Floor  
Las Vegas, Nevada 89101

Item #	Description	QTY	UOM	Harber Company, Inc. (Mountain Cascade of Nevada)		Las Vegas Paving Corporation		TAB Contractors, Inc.	
				Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
70	609.05 48-INCH RCB ACCESS MANHOLE	12	EA	\$4,000.00	\$48,000.00	\$4,500.00	\$54,000.00	\$3,800.00	\$45,600.00
71	609.06 5-FOOT TYPE "CM2" DROP INLET	4	EA	\$12,000.00	\$48,000.00	\$8,400.00	\$33,600.00	\$9,000.00	\$36,000.00
72	609.07 7.5-FOOT TYPE "CM2" DROP INLET	1	EA	\$15,000.00	\$15,000.00	\$11,000.00	\$11,000.00	\$11,200.00	\$11,200.00
73	609.08 10-FOOT TYPE "CM2" DROP INLET	5	EA	\$20,000.00	\$100,000.00	\$14,400.00	\$72,000.00	\$13,900.00	\$69,500.00
74	609.09 15-FOOT TYPE "CM2" DROP INLET	1	EA	\$24,000.00	\$24,000.00	\$17,400.00	\$17,400.00	\$16,900.00	\$16,900.00
75	609.10 20-FOOT TYPE "CM2" DROP INLET	10	EA	\$34,000.00	\$340,000.00	\$23,500.00	\$235,000.00	\$23,000.00	\$230,000.00
76	609.11 5-FOOT TYPE "CM" DROP INLET	7	EA	\$14,000.00	\$98,000.00	\$10,000.00	\$70,000.00	\$10,500.00	\$73,500.00
77	609.12 15-FOOT TYPE "CM" DROP INLET	8	EA	\$25,000.00	\$200,000.00	\$19,500.00	\$156,000.00	\$18,900.00	\$151,200.00
78	609.13 20-FOOT TYPE "CM" DROP INLET	4	EA	\$34,000.00	\$136,000.00	\$25,300.00	\$101,200.00	\$25,000.00	\$100,000.00
79	609.14 20-FOOT TYPE "CM" DROP INLET SPECIAL DESIGN	2	EA	\$40,000.00	\$80,000.00	\$31,000.00	\$62,000.00	\$30,500.00	\$61,000.00
80	609.15 NDOT TYPE 2B DROP INLET WITH CONCRETE APRON	2	EA	\$30,000.00	\$60,000.00	\$28,700.00	\$57,400.00	\$12,000.00	\$24,000.00
81	609.16 NDOT TYPE 2B DROP INLET SPECIAL DESIGN	2	EA	\$14,000.00	\$28,000.00	\$13,600.00	\$27,200.00	\$29,000.00	\$58,000.00
82	609.17 GRATE INSTALLATION ON EXISTING INLET	1	LS	\$20,000.00	\$20,000.00	\$19,000.00	\$19,000.00	\$20,000.00	\$20,000.00
83	609.18 CONNECTION TO EXISTING SD MANHOLE / INLET	4	EA	\$4,000.00	\$16,000.00	\$5,600.00	\$22,400.00	\$4,500.00	\$18,000.00
84	609.19 60-INCH RCB ACCESS MANHOLE	1	EA	\$11,000.00	\$11,000.00	\$12,000.00	\$12,000.00	\$8,500.00	\$8,500.00
85	613.01 TYPE "L" CURB AND GUTTER	30	LF	\$70.00	\$2,100.00	\$32.00	\$960.00	\$45.00	\$1,350.00
86	613.02 TYPE "A" CURB	90	LF	\$60.00	\$5,400.00	\$23.00	\$2,070.00	\$42.00	\$3,780.00
87	613.03 CONCRETE SIDEWALK	273	SF	\$62.00	\$16,926.00	\$10.00	\$2,730.00	\$11.00	\$3,003.00
88	613.04 CONCRETE MEDIAN ISLAND AND CURB	4180	SF	\$16.00	\$66,880.00	\$13.00	\$54,340.00	\$35.00	\$146,300.00
89	613.05 CONCRETE CROSS GUTTER	1920	SF	\$10.00	\$19,200.00	\$13.00	\$24,960.00	\$12.00	\$23,040.00
90	613.06 MEDIAN ISLAND CURB RAMP	1	EA	\$3,000.00	\$3,000.00	\$3,400.00	\$3,400.00	\$1,300.00	\$1,300.00
91	622.01 CONSTRUCTION SURVEYING	1	LS	\$70,000.00	\$70,000.00	\$160,000.00	\$160,000.00	\$140,000.00	\$140,000.00
92	623.01 6-FOOT X 6-FOOT TRAFFIC LOOP DETECTOR	42	EA	\$1,200.00	\$50,400.00	\$1,200.00	\$50,400.00	\$1,600.00	\$67,200.00

**BID ABSTRACT**

19.62695-JH Flamingo-Boulder Hwy North - Boulder Hwy,  
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Bid Date: April 2, 2019

City of Las Vegas - Finance Department  
Purchasing & Contracts Division  
495 S. Main Street, 3rd Floor  
Las Vegas, Nevada 89101

Item #	Description	QTY	UOM	Harber Company, Inc. (Mountain Cascade of Nevada)		Las Vegas Paving Corporation		TAB Contractors, Inc.	
				Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
93	623.02 42-INCH BIKE LOOP DETECTOR	2	EA	\$840.00	\$1,680.00	\$835.00	\$1,670.00	\$1,950.00	\$3,900.00
94	623.03 LOOP LEAD-IN CABLE	4190	LF	\$4.00	\$16,760.00	\$4.00	\$16,760.00	\$8.00	\$33,520.00
95	623.04 TRAFFIC SIGNAL / COMMUNICATION INTERCONNECT CONDUIT PROTECTION	1	LS	\$215,000.00	\$215,000.00	\$65,000.00	\$65,000.00	\$60,000.00	\$60,000.00
96	624.01 TRAFFIC CONTROL AND MAINTENANCE	1	LS	\$500,000.00	\$500,000.00	\$385,000.00	\$385,000.00	\$1,500,000.00	\$1,500,000.00
97	627.01 REMOVE AND REPLACE PERMANENT SIGN (GROUND MOUNTED)	9	EA	\$260.00	\$2,340.00	\$265.00	\$2,385.00	\$250.00	\$2,250.00
98	627.02 K-71 FLEXIBLE MARKER POST	24	EA	\$260.00	\$6,240.00	\$265.00	\$6,360.00	\$250.00	\$6,000.00
99	628.01 TYPE 2 FILM FOR ARROWS, "ONLY" OR "BUS"	68	EA	\$120.00	\$8,160.00	\$120.00	\$8,160.00	\$120.00	\$8,160.00
100	628.02 TYPE 2 FILM FOR BIKE LANE SYMBOL WITH ARROW	18	EA	\$65.00	\$1,170.00	\$60.00	\$1,080.00	\$65.00	\$1,170.00
101	628.03 TYPE 1 FILM FOR YIELD BAR (PMF)	55	SF	\$7.00	\$385.00	\$7.00	\$385.00	\$7.00	\$385.00
102	628.04 TYPE 1 FILM FOR CROSSWALKS AND STOP BARS (PMF)	2260	SF	\$7.00	\$15,820.00	\$8.00	\$18,080.00	\$7.00	\$15,820.00
103	628.05 YELLOW TAPE FOR LANE TRANSITION	433	SF	\$7.00	\$3,031.00	\$7.00	\$3,031.00	\$7.00	\$3,031.00
104	628.06 6-INCH SOLID WHITE LINE (POLYUREA)	6814	LF	\$1.00	\$6,814.00	\$1.00	\$6,814.00	\$1.50	\$10,221.00
105	628.07 8-INCH SOLID YELLOW LINE (POLYUREA)	4022	LF	\$1.00	\$4,022.00	\$1.00	\$4,022.00	\$1.50	\$6,033.00
106	628.08 8-INCH SOLID WHITE LINE (POLYUREA)	4671	LF	\$1.00	\$4,671.00	\$1.00	\$4,671.00	\$1.50	\$7,006.50
107	628.09 6-INCH DOTTED WHITE LINE (POLYUREA)	1084	LF	\$1.00	\$1,084.00	\$1.00	\$1,084.00	\$1.50	\$1,626.00
108	629.01 30-INCH X 24-INCH WET TAP CONNECTION NEAR FREMONT/ATLANTIC	1	LS	\$175,000.00	\$175,000.00	\$144,000.00	\$144,000.00	\$95,000.00	\$95,000.00
109	629.02 30-INCH X 24-INCH WET TAP CONNECTION NEAR FREMONT/SAHARA	1	LS	\$75,000.00	\$75,000.00	\$68,000.00	\$68,000.00	\$50,000.00	\$50,000.00
110	629.03 24-INCH DUCTILE IRON WATERLINE	5650	LF	\$210.00	\$1,186,500.00	\$293.00	\$1,655,450.00	\$345.00	\$1,949,250.00
111	629.04 24-INCH GATE VALVE WITH BY-PASS ASSEMBLY	9	EA	\$45,000.00	\$405,000.00	\$38,000.00	\$342,000.00	\$32,500.00	\$292,500.00
112	629.05 16-INCH DUCTILE IRON WATERLINE	430	LF	\$200.00	\$86,000.00	\$320.00	\$137,600.00	\$370.00	\$159,100.00
113	629.06 12-INCH DUCTILE IRON WATERLINE	65	LF	\$300.00	\$19,500.00	\$350.00	\$22,750.00	\$385.00	\$25,025.00
114	629.07 8-INCH DUCTILE IRON WATERLINE	300	LF	\$200.00	\$60,000.00	\$185.00	\$55,500.00	\$270.00	\$81,000.00
115	629.08 8-INCH C900 PVC WATERLINE	1310	LF	\$115.00	\$150,650.00	\$145.00	\$189,950.00	\$230.00	\$301,300.00

**BID ABSTRACT**

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				Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
116	629.09 6-INCH C900 PVC WATERLINE	150	LF	\$200.00	\$30,000.00	\$175.00	\$26,250.00	\$265.00	\$39,750.00
117	629.10 16-INCH GATE VALVE	2	EA	\$14,000.00	\$28,000.00	\$8,400.00	\$16,800.00	\$6,150.00	\$12,300.00
118	629.11 12-INCH GATE VALVE	1	EA	\$4,300.00	\$4,300.00	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00
119	629.12 8-INCH GATE VALVE	6	EA	\$3,000.00	\$18,000.00	\$3,350.00	\$20,100.00	\$1,850.00	\$11,100.00
120	629.13 6-INCH GATE VALVE	14	EA	\$2,500.00	\$35,000.00	\$2,650.00	\$37,100.00	\$1,500.00	\$21,000.00
121	629.14 1-INCH SERVICE LATERAL RE-CONNECTION	27	EA	\$3,200.00	\$86,400.00	\$3,500.00	\$94,500.00	\$8,450.00	\$228,150.00
122	629.15 2-INCH SERVICE LATERAL RE-CONNECTION	2	EA	\$4,100.00	\$8,200.00	\$4,400.00	\$8,800.00	\$11,500.00	\$23,000.00
123	629.16 FIRE HYDRANT AND BACKFLOW DEVICE LATERAL RE-CONNECTION	12	EA	\$4,500.00	\$54,000.00	\$1,300.00	\$15,600.00	\$10,900.00	\$130,800.00
124	629.17 1-INCH SERVICE LATERAL AND METER	6	EA	\$5,500.00	\$33,000.00	\$4,230.00	\$25,380.00	\$8,900.00	\$53,400.00
125	629.18 1.5-INCH SERVICE LATERAL AND METER	2	EA	\$7,000.00	\$14,000.00	\$5,350.00	\$10,700.00	\$10,200.00	\$20,400.00
126	629.19 1-INCH RPPA	4	EA	\$2,200.00	\$8,800.00	\$4,100.00	\$16,400.00	\$2,650.00	\$10,600.00
127	629.20 1.5-INCH RPPA	2	EA	\$3,000.00	\$6,000.00	\$4,900.00	\$9,800.00	\$3,200.00	\$6,400.00
128	629.21 REPLACE 12-INCH ACP WATERLINE WITH DUCTILE IRON PIPE	190	LF	\$250.00	\$47,500.00	\$220.00	\$41,800.00	\$215.00	\$40,850.00
129	629.22 REPLACE 8-INCH ACP WATERLINE WITH DUCTILE IRON PIPE	375	LF	\$160.00	\$60,000.00	\$180.00	\$67,500.00	\$175.00	\$65,625.00
130	629.23 REPLACE 6-INCH ACP WATERLINE WITH DUCTILE IRON PIPE	65	LF	\$300.00	\$19,500.00	\$260.00	\$16,900.00	\$180.00	\$11,700.00
131	629.24 PRESSURE ZONE CONNECTION AT "WT01" STA 24+14, OFF 119' LT	1	LS	\$7,000.00	\$7,000.00	\$6,900.00	\$6,900.00	\$12,500.00	\$12,500.00
132	629.25 PRESSURE ZONE RECONFIGURATION AT "WT01" STA 48+87 OFF 125' LT	1	LS	\$8,400.00	\$8,400.00	\$9,300.00	\$9,300.00	\$15,500.00	\$15,500.00
133	629.26 AV/AR ASSEMBLY AND PIPING	6	EA	\$9,000.00	\$54,000.00	\$11,700.00	\$70,200.00	\$17,000.00	\$102,000.00
134	629.27 BLOW-OFF ASSEMBLY AND PIPING	7	EA	\$11,000.00	\$77,000.00	\$12,800.00	\$89,600.00	\$13,500.00	\$94,500.00
135	629.28 BLIND FLANGE BLOW-OFF ASSEMBLY AND PIPING	2	EA	\$7,000.00	\$14,000.00	\$7,250.00	\$14,500.00	\$7,900.00	\$15,800.00
136	629.29 18-INCH STEEL CASING PROTECTION	71	LF	\$75.00	\$5,325.00	\$170.00	\$12,070.00	\$200.00	\$14,200.00
137	629.3 24-INCH STEEL CASING PROTECTION	23	LF	\$110.00	\$2,530.00	\$265.00	\$6,095.00	\$275.00	\$6,325.00
138	629.31 ADJUST WATER VALVE BOX TO FINISH GRADE	50	EA	\$725.00	\$36,250.00	\$800.00	\$40,000.00	\$650.00	\$32,500.00

**BID ABSTRACT**

19.62695-JH Flamingo-Boulder Hwy North - Boulder Hwy,  
Sahara to Charleston (Boulder Hwy Storm Drain)  
Bid Date: April 2, 2019

City of Las Vegas - Finance Department  
Purchasing & Contracts Division  
495 S. Main Street, 3rd Floor  
Las Vegas, Nevada 89101

				Harber Company, Inc. (Mountain Cascade of Nevada)		Las Vegas Paving Corporation		TAB Contractors, Inc.	
Item #	Description	QTY	UOM	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
139	629.32 MISCELLANEOUS LVVWD REQUIRED FIELD ADJUSTMENTS	1	FA	\$2,625.00	\$2,625.00	\$2,625.00	\$2,625.00	\$2,625.00	\$2,625.00
140	630.01 8-INCH PVC SANITARY SEWER PIPE	879	LF	\$106.00	\$93,174.00	\$175.00	\$153,825.00	\$190.00	\$167,010.00
141	630.02 10-INCH PVC SANITARY SEWER PIPE	1983	LF	\$104.00	\$206,232.00	\$180.00	\$356,940.00	\$195.00	\$386,685.00
142	630.03 REPLACE 12-INCH VCP SANITARY SEWER WITH PVC PIPE	250	LF	\$112.00	\$28,000.00	\$170.00	\$42,500.00	\$220.00	\$55,000.00
143	630.04 REPLACE 10-INCH VCP SANITARY SEWER WITH PVC PIPE	175	LF	\$115.00	\$20,125.00	\$212.00	\$37,100.00	\$230.00	\$40,250.00
144	630.05 REPLACE 8-INCH VCP SANITARY SEWER WITH PVC PIPE	100	LF	\$85.00	\$8,500.00	\$190.00	\$19,000.00	\$235.00	\$23,500.00
145	630.06 48-INCH SANITARY SEWER MANHOLE	8	EA	\$6,500.00	\$52,000.00	\$5,300.00	\$42,400.00	\$7,200.00	\$57,600.00
146	630.07 60-INCH SANITARY SEWER MANHOLE	10	EA	\$8,400.00	\$84,000.00	\$6,300.00	\$63,000.00	\$8,400.00	\$84,000.00
147	630.08 SANITARY SEWER SERVICE LATERAL RE-CONNECTION	28	EA	\$2,800.00	\$78,400.00	\$2,800.00	\$78,400.00	\$9,000.00	\$252,000.00
148	633.01 TYPE 1 CENTERLINE (RPM)	1013	LF	\$1.00	\$1,013.00	\$1.00	\$1,013.00	\$1.00	\$1,013.00
149	633.02 TYPE 2 CENTERLINE (RPM)	285	LF	\$1.00	\$285.00	\$1.00	\$285.00	\$1.00	\$285.00
150	633.03 TYPE 4 CENTERLINE (RPM)	153	LF	\$1.00	\$153.00	\$1.00	\$153.00	\$1.00	\$153.00
151	633.04 STORAGE LANE LINE (RPM)	73	LF	\$1.00	\$73.00	\$1.00	\$73.00	\$1.00	\$73.00
152	633.05 8-INCH SOLID WHITE LINE (RPM)	1541	LF	\$1.00	\$1,541.00	\$1.00	\$1,541.00	\$1.00	\$1,541.00
153	633.06 BROKEN WHITE LINE (RPM)	12862	LF	\$1.00	\$12,862.00	\$0.50	\$6,431.00	\$1.00	\$12,862.00
154	633.07 FORCED TURN LANE LINE (RPM)	512	LF	\$1.00	\$512.00	\$1.00	\$512.00	\$1.00	\$512.00
155	637.01 DUST CONTROL	1	LS	\$300,000.00	\$300,000.00	\$175,000.00	\$175,000.00	\$125,000.00	\$125,000.00
156	637.02 NPDES DISCHARGE PERMIT	1	LS	\$5,000.00	\$5,000.00	\$28,000.00	\$28,000.00	\$2,600.00	\$2,600.00
157	650.01 IMPROVEMENTS TO APN 162-01-110-008	1	LS	\$25,000.00	\$25,000.00	\$4,000.00	\$4,000.00	\$7,500.00	\$7,500.00
158	650.02 IMPROVEMENTS TO APN 162-01-110-009	1	LS	\$25,000.00	\$25,000.00	\$23,000.00	\$23,000.00	\$7,500.00	\$7,500.00
159	650.03 IMPROVEMENTS TO APN 162-01-111-021	1	LS	\$25,000.00	\$25,000.00	\$5,000.00	\$5,000.00	\$7,200.00	\$7,200.00
160	650.04 IMPROVEMENTS TO APN 162-01-111-022	1	LS	\$25,000.00	\$25,000.00	\$19,000.00	\$19,000.00	\$7,200.00	\$7,200.00
161	670.01 NV ENERGY CONDUIT / DUCTBANK AND METER RELOCATION AT OAKY	1	LS	\$90,000.00	\$90,000.00	\$80,000.00	\$80,000.00	\$95,000.00	\$95,000.00

**BID ABSTRACT**

19.62695-JH Flamingo-Boulder Hwy North - Boulder Hwy,  
Sahara to Charleston (Boulder Hwy Storm Drain  
Bid Date: April 2, 2019

City of Las Vegas - Finance Department  
Purchasing & Contracts Division  
495 S. Main Street, 3rd Floor  
Las Vegas, Nevada 89101

				Harber Company, Inc. (Mountain Cascade of Nevada)		Las Vegas Paving Corporation		TAB Contractors, Inc.	
Item #	Description	QTY	UOM	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
162	670.02 RELOCATE STREET LIGHT POLE WITH OVERHEAD FEED AT OAKY	1	LS	\$7,000.00	\$7,000.00	\$7,400.00	\$7,400.00	\$18,000.00	\$18,000.00
163	689.01 TYPE "T" TEST STATIONS WITH ANODES	7	EA	\$1,500.00	\$10,500.00	\$4,700.00	\$32,900.00	\$7,500.00	\$52,500.00
164	691.01 COAT SANITARY SEWER MANHOLE WITH CORROSION PROTECTION	18	EA	\$5,100.00	\$91,800.00	\$4,100.00	\$73,800.00	\$4,200.00	\$75,600.00
165	695.01 SEWER BYPASS	1	LS	\$90,000.00	\$90,000.00	\$80,000.00	\$80,000.00	\$155,000.00	\$155,000.00
<b>TOTAL BASE BID AMOUNT</b>				<b>\$29,909,671.00</b>		<b>\$30,300,000.00</b>		<b>\$31,148,431.00</b>	
<b>% Greater than Lowest Responsive &amp; Responsible Bidder</b>						1.31%			
<b>Bidder's Preference Received</b>				No		No		No	
<b>Responsive Bidder</b>				Yes					
<b>Responsible Bidder</b>				Yes					
<b>Department Evaluation Complete</b>				Select					
<b>Award to Low Bidder Recommended</b>				Select					
<b>Engineer's Estimate: \$ 26,168,500.00</b>									

Construction Cost Estimate by Funding Source for  
FLAMINGO - BOULDER HIGHWAY NORTH - BOULDER HIGHWAY SAHARA TO CHARLESTON (BOULDER HIGHWAY STORM DRAIN)

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		LVVWD		Quantity	Extended Price
					Approx. Quantity (Fill in #)	Source Cost	Approx. Quantity (Fill in #)	Source Cost		
105.01	CONTRACTOR QUALITY CONTROL	1	\$ 300,000.00	LS	1	\$ 300,000.00		\$ -	1	\$300,000.00
107.01	PUBLIC OUTREACH PROGRAM	1	\$ 10,000.00	FA	1	\$ 10,000.00		\$ -	1	\$10,000.00
109.01	OWNER INITIATED TIME EXTENSION ALLOWANCE	24	\$ 500.00	DAY	24	\$ 12,000.00		\$ -	24	\$12,000.00
109.02	OWNER INITIATED TIME EXTENSION AMOUNT IN ADDITION TO ALLOWANCE	24	\$ 500.00	DAY	24	\$ 12,000.00		\$ -	24	\$12,000.00
200.01	MOBILIZATION AND DEMOBILIZATION	1	\$ 546,000.00	LS	0.85	\$ 464,100.00	0.15	\$ 81,900.00	1	\$546,000.00
202.01	REMOVAL OF ASPHALT PAVEMENT	41,977	\$ 12.00	SY	35,360	\$ 424,320.00	6,617	\$ 79,404.00	41,977	\$503,724.00
202.02	REMOVE EXISTING SIDEWALK	273	\$ 7.00	SF	273	\$ 1,911.00		\$ -	273	\$1,911.00
202.03	REMOVE EXISTING CURB AND GUTTER	1,322	\$ 19.00	LF	1,322	\$ 25,118.00		\$ -	1,322	\$25,118.00
202.04	REMOVE EXISTING CROSS GUTTER	1,920	\$ 9.00	SF	1,920	\$ 17,280.00		\$ -	1,920	\$17,280.00
202.05	REMOVE EXISTING DRIVEWAY	62	\$ 11.00	SF	62	\$ 682.00		\$ -	62	\$682.00
202.06	COLD MILL EXISTING PAVEMENT 1-INCH	18,608	\$ 3.00	SY	15,648	\$ 46,944.00	2,960	\$ 8,880.00	18,608	\$55,824.00
202.07	REMOVE EXISTING MEDIAN ISLAND PAVING	3,480	\$ 18.00	SF	3,480	\$ 62,640.00		\$ -	3,480	\$62,640.00
202.08	REMOVE EXISTING RCP STORM DRAIN	2,357	\$ 7.00	LF	2,357	\$ 16,499.00		\$ -	2,357	\$16,499.00
202.09	REMOVE EXISTING STORM DRAIN MANHOLE	8	\$ 2,900.00	EA	8	\$ 23,200.00		\$ -	8	\$23,200.00
202.10	REMOVE EXISTING DROP INLET	19	\$ 1,900.00	EA	19	\$ 36,100.00		\$ -	19	\$36,100.00
202.11	ABANDON EXISTING STORM DRAIN	1,118	\$ 40.00	LF	1,118	\$ 44,720.00		\$ -	1,118	\$44,720.00
202.12	REMOVE WATER PIPE	915	\$ 15.00	LF		\$ -	915	\$ 13,725.00	915	\$13,725.00
202.13	REMOVE AND SALVAGE AV/AR VALVE/METER	5	\$ 600.00	EA		\$ -	5	\$ 3,000.00	5	\$3,000.00
202.14	REMOVE AND SALVAGE TEST STATION	1	\$ 700.00	EA		\$ -	1	\$ 700.00	1	\$700.00
202.15	ABANDON WATER LINE, 30-INCH	5,230	\$ 25.00	LF		\$ -	5,230	\$ 130,750.00	5,230	\$130,750.00
202.16	ABANDON WATER LINE, 16-INCH	220	\$ 10.00	LF		\$ -	220	\$ 2,200.00	220	\$2,200.00
202.17	ABANDON WATER LINE, 8-INCH	790	\$ 6.00	LF		\$ -	790	\$ 4,740.00	790	\$4,740.00
202.18	ABANDON WATER LINE, 6-INCH	930	\$ 5.00	LF		\$ -	930	\$ 4,650.00	930	\$4,650.00
202.19	ABANDON EXISTING WATER VALVE	31	\$ 900.00	EA		\$ -	31	\$ 27,900.00	31	\$27,900.00
202.20	REMOVE SANITARY SEWER PIPE	1,140	\$ 5.00	LF	1,140	\$ 5,700.00		\$ -	1,140	\$5,700.00
202.21	REMOVE SANITARY SEWER MANHOLE	4	\$ 1,600.00	EA	4	\$ 6,400.00		\$ -	4	\$6,400.00
202.22	ABANDON SANITARY SEWER PIPE, 10-INCH	1,877	\$ 10.00	LF	1,877	\$ 18,770.00		\$ -	1,877	\$18,770.00
202.23	ABANDON SANITARY SEWER PIPE, 8-INCH	315	\$ 9.00	LF	315	\$ 2,835.00		\$ -	315	\$2,835.00
202.24	ABANDON SANITARY SEWER MANHOLE	5	\$ 2,500.00	EA	5	\$ 12,500.00		\$ -	5	\$12,500.00
202.25	REMOVE EXISTING WATER VALVE	12	\$ 930.00	EA		\$ -	12	\$ 11,160.00	12	\$11,160.00
208.01	TRENCH OVER-EXCAVATION AND BACKFILL	1,162	\$ 150.00	CY	1,162	\$ 174,300.00		\$ -	1,162	\$174,300.00
270.01	DEWATERING	1	\$ 900,000.00	LS	1	\$ 900,000.00		\$ -	1	\$900,000.00
302.01	TYPE II AGGREGATE BASE - ROADWAY	2,700	\$ 53.00	CY	2,295	\$ 121,635.00	405	\$ 21,465.00	2,700	\$143,100.00
302.01N	TYPE 1 CLASS B AGGREGATE BASE (NDOT) - ROADWAY	15,150	\$ 55.00	CY	12,878	\$ 708,290.00	2,272	\$ 124,960.00	15,150	\$833,250.00
402.01	6-INCH PLANTMIX BITUMINOUS SURFACE	7,802	\$ 43.00	SY	6,632	\$ 285,176.00	1,170	\$ 50,310.00	7,802	\$335,486.00
402.01N	7-INCH PLANTMIX BITUMINOUS SURFACE (NDOT)	34,175	\$ 45.00	SY	29,049	\$ 1,307,205.00	5,126	\$ 230,670.00	34,175	\$1,537,875.00
403.01N	1-INCH PLANTMIX BITUMINOUS OPEN-GRADED SURFACE	45,266	\$ 7.00	SY	38,476	\$ 269,332.00	6,790	\$ 47,530.00	45,266	\$316,862.00
413.01	1-INCH UTACS BONDED WITH A PMM, S3 GRADATION	14,771	\$ 12.00	SY	12,555	\$ 150,660.00	2,216	\$ 26,592.00	14,771	\$177,252.00
502.01	REINFORCED CONCRETE BOX, 15-FT X 10-FT	986	\$ 2,200.00	LF	986	\$ 2,169,200.00		\$ -	986	\$2,169,200.00
502.02	REINFORCED CONCRETE BOX, 18-FT X 8-FT	2,622	\$ 2,500.00	LF	2,622	\$ 6,555,000.00		\$ -	2,622	\$6,555,000.00
502.03	REINFORCED CONCRETE BOX, 20-FT X 8-FT	1,392	\$ 2,600.00	LF	1,392	\$ 3,619,200.00		\$ -	1,392	\$3,619,200.00
502.04	REINFORCED CONCRETE BOX, 24-FT X 6-FT	381	\$ 4,625.00	LF	381	\$ 1,762,125.00		\$ -	381	\$1,762,125.00
502.05	CAST-IN-PLACE JUNCTION/TRANSITION STRUCTURE AT "SD01" STA 114+82	1	\$ 80,000.00	LS	1	\$ 80,000.00		\$ -	1	\$80,000.00
502.06	CAST-IN-PLACE TRANSITION STRUCTURE (20-FT X 8-FT TO 24-FT X 6-FT)	1	\$ 79,000.00	LS	1	\$ 79,000.00		\$ -	1	\$79,000.00
502.07	CAST-IN-PLACE TRANSITION STRUCTURE (24-FT X 6-FT TO 15-FT X 10-FT)	1	\$ 140,000.00	LS	1	\$ 140,000.00		\$ -	1	\$140,000.00
502.08	CAST-IN-PLACE MAINTENANCE ACCESS STRUCTURE AT "SD01" STA 99+00	1	\$ 200,000.00	LS	1	\$ 200,000.00		\$ -	1	\$200,000.00
502.09	CAST-IN-PLACE MAINTENANCE ACCESS STRUCTURE AT "SD01" STA 125+43	1	\$ 210,000.00	LS	1	\$ 210,000.00		\$ -	1	\$210,000.00
502.10	CAST-IN-PLACE ENLARGED CONCRETE COLLAR CONNECTION TO RCB AT "SD01" STA 90+78	1	\$ 6,000.00	LS	1	\$ 6,000.00		\$ -	1	\$6,000.00
502.11	CAST-IN-PLACE ENLARGED CONCRETE COLLAR CONNECTION TO RCB AT "SD01" STA 132+05	1	\$ 5,000.00	LS	1	\$ 5,000.00		\$ -	1	\$5,000.00
502.12	18-FT X 8-FT RCB END CAP	1	\$ 7,000.00	LS	1	\$ 7,000.00		\$ -	1	\$7,000.00
502.13	JUNCTION MANHOLE	1	\$ 18,000.00	LS	1	\$ 18,000.00		\$ -	1	\$18,000.00

Construction Cost Estimate by Funding Source for  
FLAMINGO - BOULDER HIGHWAY NORTH - BOULDER HIGHWAY SAHARA TO CHARLESTON (BOULDER HIGHWAY STORM DRAIN)

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		LVVWD		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS III)	487	\$ 265.00	LF	487	\$ 129,055.00	-	-	487	\$129,055.00
603.02	24-INCH REINFORCED CONCRETE PIPE (CLASS III)	1,018	\$ 260.00	LF	1,018	\$ 264,680.00	-	-	1,018	\$264,680.00
603.03	30-INCH REINFORCED CONCRETE PIPE (CLASS III)	2,056	\$ 255.00	LF	2,056	\$ 524,280.00	-	-	2,056	\$524,280.00
603.04	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	98	\$ 275.00	LF	98	\$ 26,950.00	-	-	98	\$26,950.00
603.05	42-INCH REINFORCED CONCRETE PIPE (CLASS III)	124	\$ 300.00	LF	124	\$ 37,200.00	-	-	124	\$37,200.00
603.06	48-INCH REINFORCED CONCRETE PIPE (CLASS III)	59	\$ 325.00	LF	59	\$ 19,175.00	-	-	59	\$19,175.00
603.07	54-INCH REINFORCED CONCRETE PIPE (CLASS III)	508	\$ 475.00	LF	508	\$ 241,300.00	-	-	508	\$241,300.00
603.08	60-INCH REINFORCED CONCRETE PIPE (CLASS III)	777	\$ 450.00	LF	777	\$ 349,650.00	-	-	777	\$349,650.00
603.09	66-INCH REINFORCED CONCRETE PIPE (CLASS III)	53	\$ 590.00	LF	53	\$ 31,270.00	-	-	53	\$31,270.00
603.10	72-INCH REINFORCED CONCRETE PIPE (CLASS III)	189	\$ 670.00	LF	189	\$ 126,630.00	-	-	189	\$126,630.00
603.11	91-INCH X 58-INCH HE REINFORCED CONCRETE PIPE (CLASS III)	85	\$ 900.00	LF	85	\$ 76,500.00	-	-	85	\$76,500.00
603.12	60-INCH X 38-INCH HE REINFORCED CONCRETE PIPE (CLASS III)	46	\$ 485.00	LF	46	\$ 22,310.00	-	-	46	\$22,310.00
603.13	18-INCH C905 PVC STORM DRAIN PIPE	119	\$ 240.00	LF	119	\$ 28,560.00	-	-	119	\$28,560.00
603.14	RCP PLUG	2	\$ 1,300.00	EA	2	\$ 2,600.00	-	-	2	\$2,600.00
609.01	60-INCH TYPE I STORM DRAIN MANHOLE	2	\$ 11,200.00	EA	2	\$ 22,400.00	-	-	2	\$22,400.00
609.02	TYPE III STORM DRAIN MANHOLE	13	\$ 14,000.00	EA	13	\$ 182,000.00	-	-	13	\$182,000.00
609.03	NDOT TYPE 4 STORM DRAIN MANHOLE	2	\$ 25,000.00	EA	2	\$ 50,000.00	-	-	2	\$50,000.00
609.04	NDOT TYPE 4 STORM DRAIN MANHOLE SPECIAL DESIGN	5	\$ 50,000.00	EA	5	\$ 250,000.00	-	-	5	\$250,000.00
609.05	48-INCH RCB ACCESS MANHOLE	12	\$ 4,000.00	EA	12	\$ 48,000.00	-	-	12	\$48,000.00
609.06	5-FOOT TYPE "CM2" DROP INLET	4	\$ 12,000.00	EA	4	\$ 48,000.00	-	-	4	\$48,000.00
609.07	7.5-FOOT TYPE "CM2" DROP INLET	1	\$ 15,000.00	EA	1	\$ 15,000.00	-	-	1	\$15,000.00
609.08	10-FOOT TYPE "CM2" DROP INLET	5	\$ 20,000.00	EA	5	\$ 100,000.00	-	-	5	\$100,000.00
609.09	15-FOOT TYPE "CM2" DROP INLET	1	\$ 24,000.00	EA	1	\$ 24,000.00	-	-	1	\$24,000.00
609.10	20-FOOT TYPE "CM2" DROP INLET	10	\$ 34,000.00	EA	10	\$ 340,000.00	-	-	10	\$340,000.00
609.11	5-FOOT TYPE "CM" DROP INLET	7	\$ 14,000.00	EA	7	\$ 98,000.00	-	-	7	\$98,000.00
609.12	15-FOOT TYPE "CM" DROP INLET	8	\$ 25,000.00	EA	8	\$ 200,000.00	-	-	8	\$200,000.00
609.13	20-FOOT TYPE "CM" DROP INLET	4	\$ 34,000.00	EA	4	\$ 136,000.00	-	-	4	\$136,000.00
609.14	20-FOOT TYPE "CM" DROP INLET SPECIAL DESIGN	2	\$ 40,000.00	EA	2	\$ 80,000.00	-	-	2	\$80,000.00
609.15	NDOT TYPE 2B DROP INLET WITH CONCRETE APRON	2	\$ 30,000.00	EA	2	\$ 60,000.00	-	-	2	\$60,000.00
609.16	NDOT TYPE 2B DROP INLET SPECIAL DESIGN	2	\$ 14,000.00	EA	2	\$ 28,000.00	-	-	2	\$28,000.00
609.17	GRATE INSTALLATION ON EXISTING INLET	1	\$ 20,000.00	LS	1	\$ 20,000.00	-	-	1	\$20,000.00
609.18	CONNECTION TO EXISTING SD MANHOLE / INLET	4	\$ 4,000.00	EA	4	\$ 16,000.00	-	-	4	\$16,000.00
609.19	60-INCH RCB ACCESS MANHOLE	1	\$ 11,000.00	EA	1	\$ 11,000.00	-	-	1	\$11,000.00
613.01	TYPE "L" CURB AND GUTTER	30	\$ 70.00	LF	30	\$ 2,100.00	-	-	30	\$2,100.00
613.02	TYPE "A" CURB	90	\$ 60.00	LF	90	\$ 5,400.00	-	-	90	\$5,400.00
613.03	CONCRETE SIDEWALK	273	\$ 62.00	SF	273	\$ 16,926.00	-	-	273	\$16,926.00
613.04	CONCRETE MEDIAN ISLAND AND CURB	4,180	\$ 16.00	SF	4,180	\$ 66,880.00	-	-	4,180	\$66,880.00
613.05	CONCRETE CROSS GUTTER	1,920	\$ 10.00	SF	1,920	\$ 19,200.00	-	-	1,920	\$19,200.00
613.06	MEDIAN ISLAND CURB RAMP	1	\$ 3,000.00	EA	1	\$ 3,000.00	-	-	1	\$3,000.00
622.01	CONSTRUCTION SURVEYING	1	\$ 70,000.00	LS	1	\$ 70,000.00	-	-	1	\$70,000.00
623.01	6-FOOT X 6-FOOT TRAFFIC LOOP DETECTOR	42	\$ 1,200.00	EA	42	\$ 50,400.00	-	-	42	\$50,400.00
623.02	42-INCH BIKE LOOP DETECTOR	2	\$ 840.00	EA	2	\$ 1,680.00	-	-	2	\$1,680.00
623.03	LOOP LEAD-IN CABLE	4,190	\$ 4.00	LF	4,190	\$ 16,760.00	-	-	4,190	\$16,760.00
623.04	TRAFFIC SIGNAL / COMMUNICATION INTERCONNECT CONDUIT PROTECTION	1	\$ 215,000.00	LS	1	\$ 215,000.00	-	-	1	\$215,000.00
624.01	TRAFFIC CONTROL AND MAINTENANCE	1	\$ 500,000.00	LS	1	\$ 500,000.00	-	-	1	\$500,000.00
627.01	REMOVE AND REPLACE PERMANENT SIGN (GROUND MOUNTED)	9	\$ 260.00	EA	9	\$ 2,340.00	-	-	9	\$2,340.00
627.02	K-71 FLEXIBLE MARKER POST	24	\$ 260.00	EA	24	\$ 6,240.00	-	-	24	\$6,240.00
628.01	TYPE 2 FILM FOR ARROWS "ONLY" OR "BUS"	68	\$ 120.00	EA	68	\$ 8,160.00	-	-	68	\$8,160.00
628.02	TYPE 2 FILM FOR BIKE LANE SYMBOL WITH ARROW	18	\$ 65.00	EA	18	\$ 1,170.00	-	-	18	\$1,170.00
628.03	TYPE 1 FILM FOR YIELD BAR (PMF)	55	\$ 7.00	SF	55	\$ 385.00	-	-	55	\$385.00
628.04	TYPE 1 FILM FOR CROSSWALKS AND STOP BARS (PMF)	2,260	\$ 7.00	SF	2,260	\$ 15,820.00	-	-	2,260	\$15,820.00
628.05	YELLOW TAPE FOR LANE TRANSITION	433	\$ 7.00	SF	433	\$ 3,031.00	-	-	433	\$3,031.00
628.06	6-INCH SOLID WHITE LINE (POLYUREA)	6,814	\$ 1.00	LF	5,792	\$ 5,792.00	1,022	\$ 1,022.00	6,814	\$6,814.00
628.07	8-INCH SOLID YELLOW LINE (POLYUREA)	4,022	\$ 1.00	LF	3,419	\$ 3,419.00	603	\$ 603.00	4,022	\$4,022.00
628.08	8-INCH SOLID WHITE LINE (POLYUREA)	4,671	\$ 1.00	LF	3,970	\$ 3,970.00	701	\$ 701.00	4,671	\$4,671.00
628.09	6-INCH DOTTED WHITE LINE (POLYUREA)	1,084	\$ 1.00	LF	921	\$ 921.00	163	\$ 163.00	1,084	\$1,084.00
629.01	30-INCH X 24-INCH WET TAP CONNECTION NEAR FREMONT/ATLANTIC	1	\$ 175,000.00	LS		\$ -	1	\$ 175,000.00	1	\$175,000.00



Construction Cost Estimate by Funding Source for  
FLAMINGO - BOULDER HIGHWAY NORTH - BOULDER HIGHWAY SAHARA TO CHARLESTON (BOULDER HIGHWAY STORM DRAIN)

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		LVVWD		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
629.02	30-INCH X 24-INCH WET TAP CONNECTION NEAR FREMONT/SAHARA	1	\$ 75,000.00	LS		\$ -	1	\$ 75,000.00	1	\$75,000.00
629.03	24-INCH DUCTILE IRON WATERLINE	5,650	\$ 210.00	LF		\$ -	5,650	\$ 1,186,500.00	5,650	\$1,186,500.00
629.04	24-INCH GATE VALVE WITH BY-PASS ASSEMBLY	9	\$ 45,000.00	EA		\$ -	9	\$ 405,000.00	9	\$405,000.00
629.05	16-INCH DUCTILE IRON WATERLINE	430	\$ 200.00	LF		\$ -	430	\$ 86,000.00	430	\$86,000.00
629.06	12-INCH DUCTILE IRON WATERLINE	65	\$ 300.00	LF		\$ -	65	\$ 19,500.00	65	\$19,500.00
629.07	8-INCH DUCTILE IRON WATERLINE	300	\$ 200.00	LF		\$ -	300	\$ 60,000.00	300	\$60,000.00
629.08	8-INCH C900 PVC WATERLINE	1,310	\$ 115.00	LF		\$ -	1,310	\$ 150,650.00	1,310	\$150,650.00
629.09	6-INCH C900 PVC WATERLINE	150	\$ 200.00	LF		\$ -	150	\$ 30,000.00	150	\$30,000.00
629.10	16-INCH GATE VALVE	2	\$ 14,000.00	EA		\$ -	2	\$ 28,000.00	2	\$28,000.00
629.11	12-INCH GATE VALVE	1	\$ 4,300.00	EA		\$ -	1	\$ 4,300.00	1	\$4,300.00
629.12	8-INCH GATE VALVE	6	\$ 3,000.00	EA		\$ -	6	\$ 18,000.00	6	\$18,000.00
629.13	6-INCH GATE VALVE	14	\$ 2,500.00	EA		\$ -	14	\$ 35,000.00	14	\$35,000.00
629.14	1-INCH SERVICE LATERAL RE-CONNECTION	27	\$ 3,200.00	EA		\$ -	27	\$ 86,400.00	27	\$86,400.00
629.15	2-INCH SERVICE LATERAL RE-CONNECTION	2	\$ 4,100.00	EA		\$ -	2	\$ 8,200.00	2	\$8,200.00
629.16	FIRE HYDRANT AND BACKFLOW DEVICE LATERAL RE-CONNECTION	12	\$ 4,500.00	EA		\$ -	12	\$ 54,000.00	12	\$54,000.00
629.17	1-INCH SERVICE LATERAL AND METER	6	\$ 5,500.00	EA		\$ -	6	\$ 33,000.00	6	\$33,000.00
629.18	1.5-INCH SERVICE LATERAL AND METER	2	\$ 7,000.00	EA		\$ -	2	\$ 14,000.00	2	\$14,000.00
629.19	1-INCH RPPA	4	\$ 2,200.00	EA		\$ -	4	\$ 8,800.00	4	\$8,800.00
629.20	1.5-INCH RPPA	2	\$ 3,000.00	EA		\$ -	2	\$ 6,000.00	2	\$6,000.00
629.21	REPLACE 12-INCH ACP WATERLINE WITH DUCTILE IRON PIPE	190	\$ 250.00	LF		\$ -	190	\$ 47,500.00	190	\$47,500.00
629.22	REPLACE 8-INCH ACP WATERLINE WITH DUCTILE IRON PIPE	375	\$ 160.00	LF		\$ -	375	\$ 60,000.00	375	\$60,000.00
629.23	REPLACE 6-INCH ACP WATERLINE WITH DUCTILE IRON PIPE	65	\$ 300.00	LF		\$ -	65	\$ 19,500.00	65	\$19,500.00
629.24	PRESSURE ZONE CONNECTION AT "WT01" STA 24+14, OFF 119' LT	1	\$ 7,000.00	LS		\$ -	1	\$ 7,000.00	1	\$7,000.00
629.25	PRESSURE ZONE RECONFIGURATION AT "WT01" STA 48+87 OFF 125' LT	1	\$ 8,400.00	LS		\$ -	1	\$ 8,400.00	1	\$8,400.00
629.26	AV/AR ASSEMBLY AND PIPING	6	\$ 9,000.00	EA		\$ -	6	\$ 54,000.00	6	\$54,000.00
629.27	BLOW-OFF ASSEMBLY AND PIPING	7	\$ 11,000.00	EA		\$ -	7	\$ 77,000.00	7	\$77,000.00
629.28	BLIND FLANGE BLOW-OFF ASSEMBLY AND PIPING	2	\$ 7,000.00	EA		\$ -	2	\$ 14,000.00	2	\$14,000.00
629.29	18-INCH STEEL CASING PROTECTION	71	\$ 75.00	LF		\$ -	71	\$ 5,325.00	71	\$5,325.00
629.30	24-INCH STEEL CASING PROTECTION	23	\$ 110.00	LF		\$ -	23	\$ 2,530.00	23	\$2,530.00
629.31	ADJUST WATER VALVE BOX TO FINISH GRADE	50	\$ 725.00	EA		\$ -	50	\$ 36,250.00	50	\$36,250.00
629.32	MISCELLANEOUS LVVWD REQUIRED FIELD ADJUSTMENTS	1	\$ 2,625.00	FA		\$ -	1	\$ 2,625.00	1	\$2,625.00
630.01	8-INCH PVC SANITARY SEWER PIPE	879	\$ 106.00	LF	879	\$ 93,174.00		\$ -	879	\$93,174.00
630.02	10-INCH PVC SANITARY SEWER PIPE	1,983	\$ 104.00	LF	1,983	\$ 206,232.00		\$ -	1,983	\$206,232.00
630.03	REPLACE 12-INCH VCP SANITARY SEWER WITH PVC PIPE	250	\$ 112.00	LF	250	\$ 28,000.00		\$ -	250	\$28,000.00
630.04	REPLACE 10-INCH VCP SANITARY SEWER WITH PVC PIPE	175	\$ 115.00	LF	175	\$ 20,125.00		\$ -	175	\$20,125.00
630.05	REPLACE 8-INCH VCP SANITARY SEWER WITH PVC PIPE	100	\$ 85.00	LF	100	\$ 8,500.00		\$ -	100	\$8,500.00
630.06	48-INCH SANITARY SEWER MANHOLE	8	\$ 6,500.00	EA	8	\$ 52,000.00		\$ -	8	\$52,000.00
630.07	60-INCH SANITARY SEWER MANHOLE	10	\$ 8,400.00	EA	10	\$ 84,000.00		\$ -	10	\$84,000.00
630.08	SANITARY SEWER SERVICE LATERAL RE-CONNECTION	28	\$ 2,800.00	EA	28	\$ 78,400.00		\$ -	28	\$78,400.00
633.01	TYPE 1 CENTERLINE (RPM)	1,013	\$ 1.00	LF	1,013	\$ 1,013.00		\$ -	1,013	\$1,013.00
633.02	TYPE 2 CENTERLINE (RPM)	285	\$ 1.00	LF	285	\$ 285.00		\$ -	285	\$285.00
633.03	TYPE 4 CENTERLINE (RPM)	153	\$ 1.00	LF	153	\$ 153.00		\$ -	153	\$153.00
633.04	STORAGE LANE LINE (RPM)	73	\$ 1.00	LF	73	\$ 73.00		\$ -	73	\$73.00
633.05	8-INCH SOLID WHITE LINE (RPM)	1,541	\$ 1.00	LF	1,541	\$ 1,541.00		\$ -	1,541	\$1,541.00
633.06	BROKEN WHITE LINE (RPM)	12,862	\$ 1.00	LF	12,862	\$ 12,862.00		\$ -	12,862	\$12,862.00
633.07	FORCED TURN LANE LINE (RPM)	512	\$ 1.00	LF	512	\$ 512.00		\$ -	512	\$512.00
637.01	DUST CONTROL	1	\$ 300,000.00	LS	1	\$ 300,000.00		\$ -	1	\$300,000.00
637.02	NPDES DISCHARGE PERMIT	1	\$ 5,000.00	LS	1	\$ 5,000.00		\$ -	1	\$5,000.00
650.01	IMPROVEMENTS TO APN 162-01-110-008	1	\$ 25,000.00	LS	1	\$ 25,000.00		\$ -	1	\$25,000.00
650.02	IMPROVEMENTS TO APN 162-01-110-009	1	\$ 25,000.00	LS	1	\$ 25,000.00		\$ -	1	\$25,000.00
650.03	IMPROVEMENTS TO APN 162-01-111-021	1	\$ 25,000.00	LS	1	\$ 25,000.00		\$ -	1	\$25,000.00
650.04	IMPROVEMENTS TO APN 162-01-111-022	1	\$ 25,000.00	LS	1	\$ 25,000.00		\$ -	1	\$25,000.00
670.01	NV ENERGY CONDUIT / DUCTBANK AND METER RELOCATION AT OAKY	1	\$ 90,000.00	LS	1	\$ 90,000.00		\$ -	1	\$90,000.00
670.02	RELOCATE STREET LIGHT POLE WITH OVERHEAD FEED AT OAKY	1	\$ 7,000.00	LS	1	\$ 7,000.00		\$ -	1	\$7,000.00

Construction Cost Estimate by Funding Source for  
 FLAMINGO - BOULDER HIGHWAY NORTH - BOULDER HIGHWAY SAHARA TO CHARLESTON (BOULDER HIGHWAY STORM DRAIN)

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRCD		LVVWD		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
689.01	TYPE "T" TEST STATIONS WITH ANODES	7	\$ 1,500.00	EA		\$ -	7	\$ 10,500.00	7	\$10,500.00
691.01	COAT SANITARY SEWER MANHOLE WITH CORROSION PROTECTION	18	\$ 5,100.00	EA	18	\$ 91,800.00		\$ -	18	\$91,800.00
695.01	SEWER BYPASS	1	\$ 90,000.00	LS	1	\$ 90,000.00		\$ -	1	\$90,000.00
					Interlocal	Actual Revised	LVVWD			
					SUBTOTAL	\$ 26,208,666.00		\$ 3,701,005.00		\$29,909,671.00
					10% CONTINGENCY	\$ 2,620,866.60		\$ 370,100.50		\$ 2,990,967.10
					SUBTOTAL CONSTRUCTION	\$24,407,277	\$ 28,829,532.60	\$ 4,071,105.50		\$32,900,638.10
					7% and LVVWD 10% CONSTRUCTION MANAGEMENT	\$1,708,509	\$ 1,834,606.62	\$ 370,100.50		\$ 2,204,707.12
					<b>TOTAL</b>	<b>\$26,115,786</b>	<b>\$ 30,664,139.22</b>	<b>\$ 4,441,206.00</b>		<b>\$ 35,105,345.22</b>

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

BELTWAY DETENTION BASIN, COLLECTION AND OUTFALL

**PETITIONER:**

DALE DAFFERN, P.E., DIRECTOR OF PUBLIC WORKS  
CITY OF NORTH LAS VEGAS

**RECOMMENDATION OF PETITIONER:**

THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT ACCEPT THE PROJECT PRESENTATION ON THE PROPOSED BELTWAY DETENTION BASIN, COLLECTION AND OUTFALL PROJECT - NLV09J19 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None by this action.

**BACKGROUND:**

The Beltway Detention Basin, Collection and Outfall project is described in the 2018 Master Plan Update as Facility Numbers RWBE 0000, 0002, 0010, 0076 and 0097, and RWRR 0107, 0143, 0189, 0200, 0204, 0228, 0244 and 0261. It is further identified in the Regional Flood Control District's Ten-Year Construction Program with construction scheduled to begin in FY 2020-2021. The proposed improvements include construction of a 26.8 acre-ft detention basin, 3.3 miles of inflow channels and 0.7 miles of outflow storm drain.

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

Representatives from Atkins North America, Inc., will be available to respond to any questions following the brief presentation.

Respectfully submitted,



DALE DAFFERN, P.E.  
Director of Public Works

<b>TAC AGENDA ITEM # 15a Date: 04/25/19</b>	<b>RFCD AGENDA ITEM # Date: 05/23/19</b>
<b>CAC AGENDA ITEM # 15a Date: 04/29/19</b>	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	Date: 04/15/19
<p>BELTWAY DETENTION BASIN, COLLECTION AND OUTFALL PROJECT PRESENTATION – NLV09J19</p> <p>The Beltway Detention Basin, Collection and Outfall project is described in the 2018 Master Plan Update as Facility Numbers RWBE 0000, 0002, 0010, 0076 and 0097, and RWRR 0107, 0143, 0189, 0200, 0204, 0228, 0244 and 0261. It is further identified in the Regional Flood Control District's Ten-Year Construction Program with construction scheduled to begin in FY 2020-2021. The proposed improvements include construction of a 26.8 acre-ft detention basin, 3.3 miles of inflow channels and 0.7 miles of outflow storm drain.</p> <p>Design drawings and specifications are 90 percent complete, right-of-way has been obtained, and all necessary permits for this project have been acquired.</p> <p>Representatives from the Atkins North America, Inc., will be available to respond to any questions following the brief presentation.</p>	
<b>Staff Recommendation:</b>  Accept the project presentation.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #15a Date: 04/25/19
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #15a Date: 04/29/19
<b>Recommendation:</b>	



Atkins North America, Inc.  
2270 Corporate Circle, Suite 200  
Henderson, Nevada 89074-7755

Telephone: +1.702.263.7275  
Fax: +1.702.263.7200

[www.atkinsglobal.com/northamerica](http://www.atkinsglobal.com/northamerica)

April 15, 2019

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

## BELTWAY DETENTION BASIN, COLLECTION AND OUTFALL PROJECT

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 City 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 Beltway Detention Basin, Collection and Outfall Project located north of Centennial Parkway at the Union Pacific Railroad (UPRR). A collection channel extends along the north side of the UPRR approximately one-mile northeast of the CC-215 Beltway and another collection channel extends northwest from the UPRR along the north side of the Beltway for approximately 1.1 miles to Lamb Boulevard. The outfall from the detention basin extends along the north side of the UPRR from Centennial Parkway to Lamb Boulevard.

The project involves excavation of a 26.8 acre-ft below-grade detention basin (total storage below the spill elevation). The peak inflow is 815 CFS, and the peak outflow is 517 CFS.

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

Environmental Mitigation	\$	10,000.00
Design Engineering	\$	924,000.00
Right-of-Way	\$	400,000.00
Construction	\$	15,132,926.00
Construction Management	\$	1,060,000.00
TOTAL	\$	17,526,926.00

- **Outside Funding Sources:** CCRFD 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  
Construction Start Date  
Project Duration

September 2019  
October 2019  
1 year

- **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."

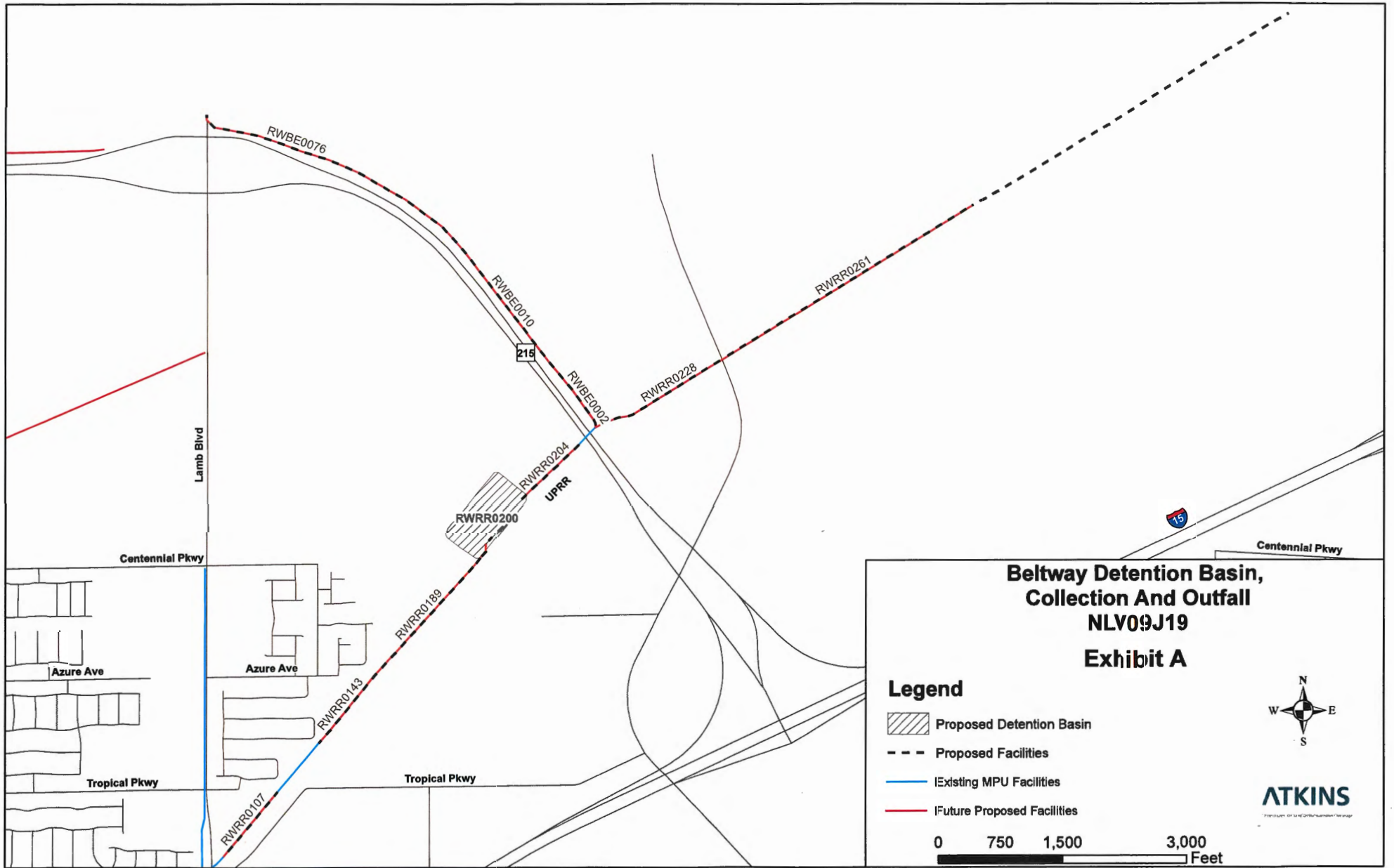
- **Environmental Requirements:** The City of North Las Vegas has met all the necessary environmental requirements for this project. A Chapter 8 Resource Screening Analysis was previously submitted and approved by CCRFCD. In addition, a BLM environmental assessment was completed and approved.
- **Project Enhancements:** None.

If you have any questions, please call the undersigned at (702) 551-0345.





Sincerely,

BY:   
Matt Wilkinson, P.E.  
Project Manager

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



**Beltway Detention Basin,  
Collection And Outfall  
NLV09J19  
Exhibit A**

- Legend**
-  Proposed Detention Basin
  -  Proposed Facilities
  -  Existing MPU Facilities
  -  Future Proposed Facilities

0 750 1,500 3,000  
Feet



**ATKINS**  
A Division of Jacobs Group, Inc.

Exhibit B

Beltway Detention Basin, Collection and Channels, NLV  
 90% Opinion of Probable Cost of Construction

Item	Item	Quantity	Unit	Unit Cost	Total Cost
109.01	Construction Conflicts and Additional Work	1	LS	\$ 100,000	\$ 100,000
109.02	Historical Owner Caused Delay Allowance	15	DAY	\$ 500	\$ 7,500
200.01	Mobilization and Demobilization	1	LS	\$ 550,000	\$ 550,000
201.01	Clearing and Grubbing	43	ACRE	\$ 2,000	\$ 86,000
202.01	Fence Removal	280	LF	\$ 15	\$ 4,200
202.02	Riprap Removal	32,024	SY	\$ 20	\$ 640,480
202.03	Remove Concrete Channel	1	LS	\$ 3,000	\$ 3,000
202.04	Remove Headwall	1	EA	\$ 2,500	\$ 2,500
203.01	Detention Basin Excavation	75,990	CY	\$ 8	\$ 607,920
203.02	Channel Excavation	66,300	CY	\$ 10	\$ 663,000
203.03	Quality Control Testing	1	LS	\$ 25,000	\$ 25,000
203.04	Soil Stabilization	15	ACRE	\$ 4,000	\$ 60,000
203.05	General Fill	9,586	CY	\$ 12	\$ 115,032
302.01	Type II Aggregate Base	9,100	CY	\$ 12	\$ 109,200
502.01	Reinforced Concrete Channel	6,750	CY	\$ 470	\$ 3,172,500
502.02	Reinforced Concrete Low Flow Channel	85	CY	\$ 470	\$ 39,950
502.03	Reinforced Concrete Outlet Structure	1	LS	\$ 10,000	\$ 10,000
502.04	Class II CLSM Cutoff Wall	460	CY	\$ 100	\$ 46,000
502.05	Reinforced Concrete Cutoff Wall	45	CY	\$ 350	\$ 15,750
502.06	Headwall	7	EA	\$ 12,000	\$ 84,000
502.07	Concrete Stilling Structure	1	LS	\$ 25,000	\$ 25,000
502.08	4'x4' RCB	21	LF	\$ 430	\$ 9,030
502.09	6'x5' RCB	290	LF	\$ 820	\$ 237,800
502.10	7'x5' RCB	330	LF	\$ 1,100	\$ 363,000
502.11	8'x6' RCB	1,003	LF	\$ 1,100	\$ 1,103,300
502.12	10'x5' RCB	2,160	LF	\$ 1,200	\$ 2,592,000
502.13	12'x4' RCB	340	LF	\$ 1,300	\$ 442,000
502.14	15'x4' RCB	414	LF	\$ 1,900	\$ 786,600
502.15	2-12'x4' RCB	148	LF	\$ 2,600	\$ 384,800
502.16	RCB Transition Structure -8'x6' to Existing 15'x5' Channel	95	LF	\$ 2,000	\$ 190,000
502.17	RCB Transition Structure -15'x4' to 10'x5'	10	LF	\$ 1,825	\$ 18,250
502.18	RCB Transition Structure -10'x5' to 7'x5'	10	LF	\$ 1,200	\$ 12,000
502.19	RCB Transition Structure -7'x5' to 6'x5'	10	LF	\$ 960	\$ 9,600
502.2	RCB Transition Structure -4'x4' to 12'x6'	32	LF	\$ 1,300	\$ 41,600
502.21	Junction Structure	1	LS	\$ 25,000	\$ 25,000
502.22	Retaining Wall 1	20	LF	\$ 230	\$ 4,600
502.23	Retaining Wall 2	290	LF	\$ 230	\$ 66,700
502.24	Articulated Concrete Blocks	721	SY	\$ 55	\$ 39,655
502.25	Concrete Basin Embankment Depth Gauge	1	LS	\$ 4,000	\$ 4,000
502.26	Concrete RCB Cap	4	EA	\$ 4,000	\$ 16,000
506.01	Outlet Structure Trash Rack	1	LS	\$ 10,000	\$ 10,000
603.01	18" RCP	13	LF	\$ 175	\$ 2,275
603.02	24" RCP	175	LF	\$ 200	\$ 35,000
603.03	30" RCP	15	LF	\$ 250	\$ 3,750
603.04	36" RCP	17	LF	\$ 300	\$ 5,100
603.05	54" RCP	181	LF	\$ 500	\$ 90,500
609.01	RCB Access Manhole	11	EA	\$ 3,000	\$ 33,000
609.02	4'x4' Area Inlet	1	EA	\$ 10,000	\$ 10,000
609.03	2'x3' Area Inlet	1	EA	\$ 8,000	\$ 8,000
610.01	Riprap, D <sub>50</sub> =6"	1,424	CY	\$ 80	\$ 113,920
610.02	Riprap, D <sub>50</sub> =12"	1,092	CY	\$ 100	\$ 109,200
610.03	Grouted Riprap, D <sub>50</sub> =18"	37	CY	\$ 110	\$ 4,070
610.04	Grouted Riprap, D <sub>50</sub> =24"	75	CY	\$ 130	\$ 9,750
616.01	Post and Cable Fence	6,890	LF	\$ 16	\$ 110,240
616.02	Chain Link Fence 72"	2,408	LF	\$ 13	\$ 31,304
616.03	Chain Link Gate Single Swing 5' Wide	1	EA	\$ 900	\$ 900
616.04	Chain Link Gate Double Swing 12' Wide	11	EA	\$ 1,500	\$ 16,500
622.01	Construction Surveying	1	LS	\$ 50,000	\$ 50,000
624.01	Traffic Control and Maintenance	1	LS	\$ 36,500	\$ 36,500
627.01	Facility Signs	1	LS	\$ 5,500	\$ 5,500
627.02	Basin Sediment Depth Gauge	1	LS	\$ 3,000	\$ 3,000
637.01	Dust Control	1	LS	\$ 146,000	\$ 146,000
637.02	Post Construction Rock Mulch	13	ACRE	\$ 16,133	\$ 209,729

**SUBTOTAL \$ 13,757,205**  
 Contingency 10% \$ 1,375,721  
**TOTAL \$ 15,132,926**



Clark County Regional Flood Control District Cash Flow Projection

Today's Date: 4/11/2019

Project Number: NLV09J19

**BELTWAY DETENTION BASIN, COLLECTION AND**

Project Name: **OUTFALL**

Project Type: Basin

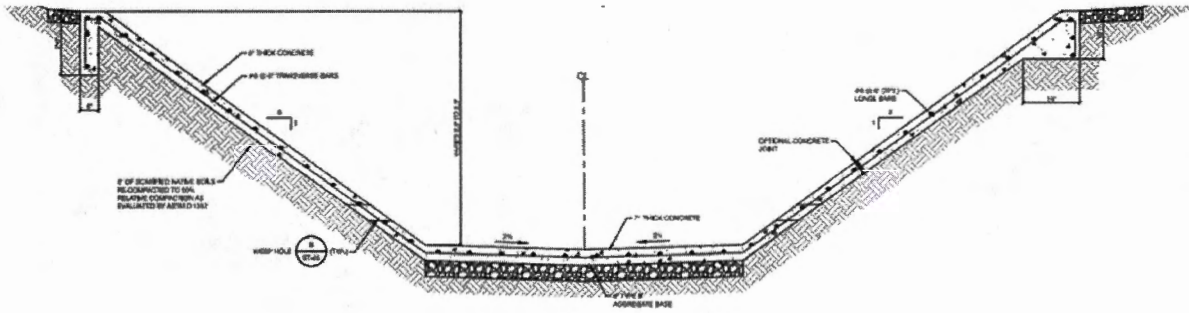
ILC Amount: \$ 16,192,926.00

Construction Schedule

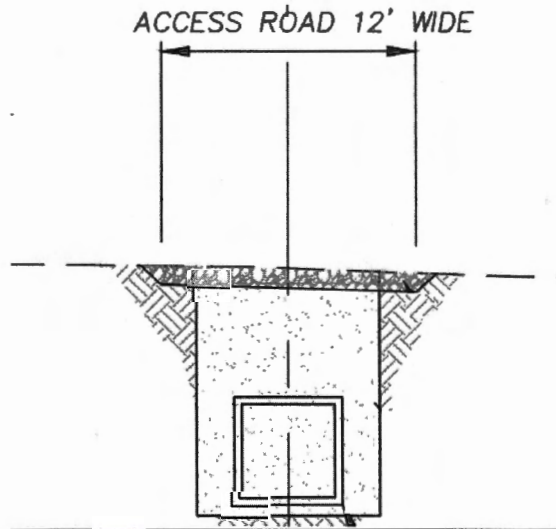
Milestone	Estimate	Revised	Actual
Award of Bid	September-19		
CONS Start	October-19		
CONS Complete	October-20		
Project Duration	12 months		

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate	
	\$	%	\$	%	\$	%	\$	%
May-19	0							
Jun-19	0							
Jul-19	0							
Aug-19	0							
Sep-19	0							
Oct-19	323,859	2%						
Nov-19	1,295,434	8%						
Dec-19	1,457,363	9%						
Jan-20	1,457,363	9%						
Feb-20	1,457,363	9%						
Mar-20	1,457,363	9%						
Apr-20	1,457,363	9%						
May-20	1,457,363	9%						
Jun-20	1,457,363	9%						
Jul-20	1,457,363	9%						
Aug-20	1,457,363	9%						
Sep-20	1,133,505	7%						
Oct-20	323,861	2%						
Nov-20	0							
<b>Total</b>	<b>\$ 16,192,926</b>	<b>100%</b>					<b>\$ -</b>	<b>0%</b>

# EXHIBIT "D"



Typical Trapezoidal Channel



Typical Reinforced Concrete Box

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

<b>SUBJECT:</b>  BELTWAY DETENTION BASIN, COLLECTION AND OUTFALL
<b>PETITIONER:</b>  DALE DAFFERN, P.E., DIRECTOR OF PUBLIC WORKS CITY OF NORTH LAS VEGAS
<b>RECOMMENDATION OF PETITIONER:</b>  THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE AN INTERLOCAL CONTRACT FOR CONSTRUCTION FOR THE BELTWAY DETENTION BASIN, COLLECTION AND OUTFALL - NLV09J19 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

	<u>CURRENT</u>
Construction Management	\$ 1,060,000.00
Construction	<u>\$ 15,132,926.00</u>
Total ILC Value	\$ 16,192,926.00


**BACKGROUND:**

The Beltway Detention Basin, Collection and Outfall project is described in the 2018 Master Plan Update as Facility Numbers RWBE 0000, 0002, 0010, 0076 and 0097, and RWRR 0107, 0143, 0189, 0200, 0204, 0228, 0244 and 0261. It is further identified in the Regional Flood Control District's Ten-Year Construction Program with construction scheduled to begin in FY 2020-2021. The proposed improvements include construction of a 26.8 acre-ft Detention Basin, 3.3 miles of inflow channels and 0.7 miles of outflow storm drain.

This project is included in Year 3 of the Ten-Year Construction Program.

Respectfully submitted,

<b>TAC AGENDA</b> ITEM # 15b Date: 04/25/19	<b>RFCD AGENDA</b> ITEM # Date: 05/23/19
<b>CAC AGENDA</b> ITEM # 15b Date: 04/29/19	

  
DALE DAFFERN, P.E.  
Director of Public Works

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**BELTWAY DETENTION BASIN, COLLECTION AND OUTFALL  
INTERLOCAL CONTRACT – NLV09J19**

The City of North Las Vegas has submitted a request to approve an interlocal contract in the amount of \$16,192,926 for construction and construction engineering for the Beltway Detention Basin, Collection and Outfall project.

The Beltway Detention Basin and Channel Project is described in the 2018 Master Plan Update as Facility Numbers RWBE 0000, 0002, 0010, 0076 and 0097, and RWRR 0107, 0143, 0189, 0200, 0204, 0228, 0244 and 0261. It is further identified in the Regional Flood Control District's Ten-Year Construction Program with construction scheduled to begin in FY 2020-2021. The proposed improvements include construction of a 26.8 acre-ft detention basin, 3.3 miles of inflow channels and 0.7 miles of outflow storm drain.

With the total project construction cost of \$13.8 million, approximately 164 jobs will be created or sustained with this project. District funding will be provided as follows:

Construction	\$15,132,926
Construction Engineering	\$ 1,060,000
Total ILC Value	\$16,192,926

This project is included in Year 3 of the Ten-Year Construction Program. The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#15b Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#15b Date: 04/29/19

**Recommendation:**

**INTERLOCAL CONTRACT  
BELTWAY DETENTION BASIN, COLLECTION AND OUTFALL**

**THIS INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2019 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the City of North Las Vegas hereinafter referred to as "CITY".

**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 identified in the 2018 Master Plan Update, as Structure No. RWBE 0000, 0002, 0010, 0076 and 0097, and RWRR 0107, 0143, 0189, 0200, 0204, 0228, 0244 and 0261, 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.

**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 Beltway Detention Basin, Collection and Outfall project. The basic improvements shall 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. The improvements shall be funded through DISTRICT funds as herein described. This PROJECT is further identified and shown on the attached Exhibit "A".

## **SECTION II - PROJECTS COSTS**

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

1. Construction costs shall not exceed \$15,132,926.00.
2. Construction Management costs shall not exceed \$1,060,000.00.
3. The total cost of this Contract shall not exceed \$16,192,926.00 which includes all the items described in the paragraphs above.
4. If at any time during the term of this contract the entity determines that a portion of the funds provided pursuant to this Contract will not be needed for the PROJECT, then the entity will notify the DISTRICT in writing of the amount of funds that are not anticipated to be used for the PROJECT. Upon receipt of said notification the DISTRICT's obligation to pay the maximum amount set forth herein will automatically be reduced by the amount specified in the notification.
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 title sheet of both the plans and the specifications shall show the Regional Flood Control District of Clark County as the funding agency.
2. The City will use its best efforts to award the bid for the Project by September 2019. 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 (4) months, as measured from the award date, may be subject to a formal review by both the Technical Advisory Committee and the District Board of Directors. 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 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. Right-of-way acquisition including right-of-way engineering appraisals, title and escrow, negotiations, legal fees, recording fees, etc.
  - b. Predesign engineering (all work prior to design, excluding right-of-way)
  - c. Design engineering

- d. Construction engineering
  - e. Construction (all work after award of construction contract)
  - f. Environmental: costs incurred by the entity for the preparation of environmental documentation applicable to the PROJECT and costs incurred for the implementation of mitigation measures provided in an environmental document (e.g., EIS OR EA)
  - g. Other including landscaping, flood insurance rate map amendments or revisions, etc.
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 June 30, 2023. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.



Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

\_\_\_\_\_

BY: \_\_\_\_\_  
LAWRENCE L. BROWN, III  
Chairman

ATTEST:

\_\_\_\_\_  
SHERRY ALLEN  
Secretary to the Board

Approved as to Form:

BY: \_\_\_\_\_  
CHRISTOPHER FIGGINS  
Chief Deputy District Attorney

\*\*\*\*\*

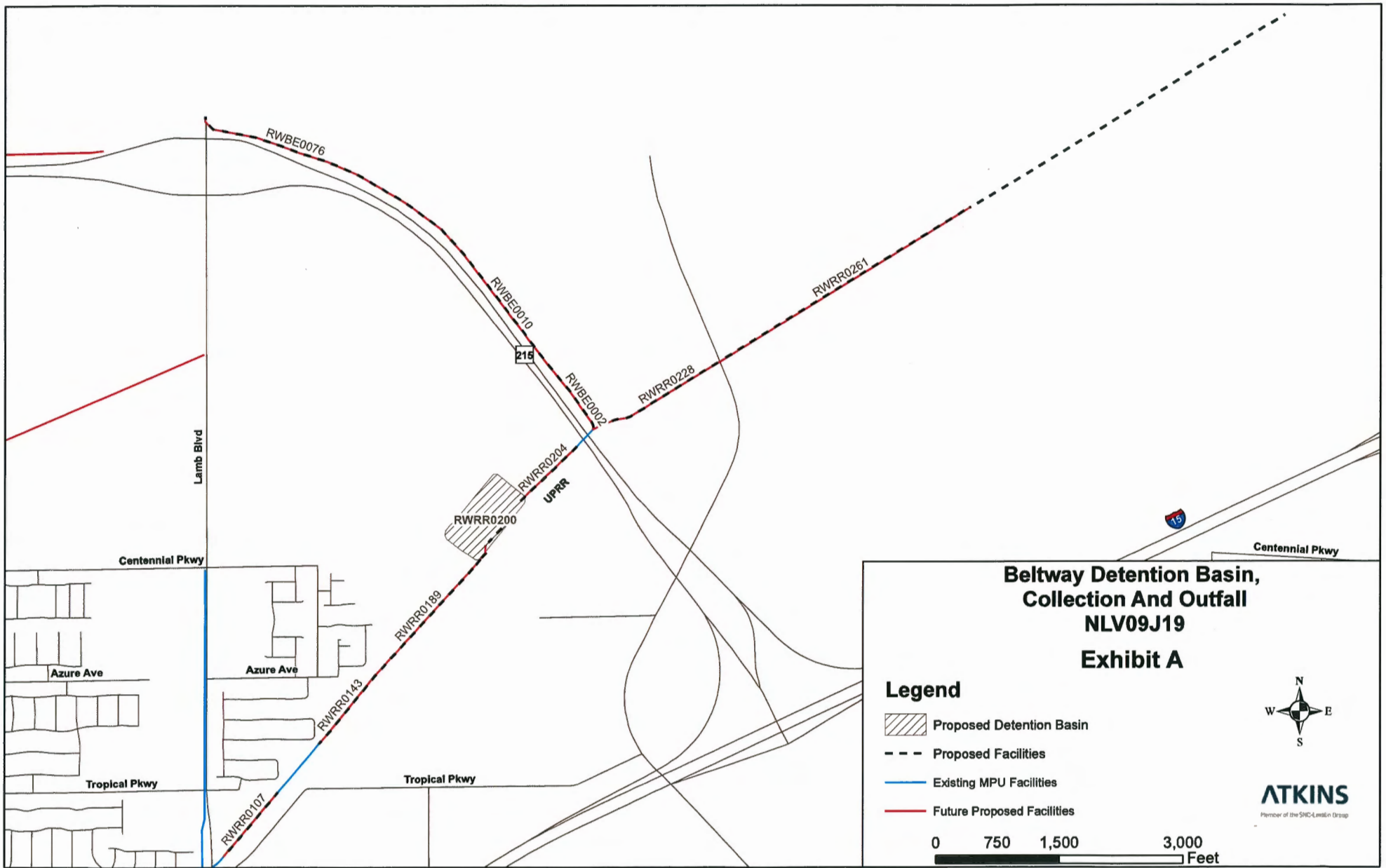
Date of Council Action:

CITY OF NORTH LAS VEGAS

\_\_\_\_\_

BY \_\_\_\_\_  
JOHN J. LEE  
Mayor

\_\_\_\_\_  
CATHERINE A. RAYNOR, MMC  
City Clerk



RWBE0076

RWBE0010

RWBE0002

RWRR0261

RWRR0228

RWRR0204

RWRR0200

UPRR

RWRR0189

RWRR0143

RWRR0107

Lamb Blvd

Centennial Pkwy

Azure Ave

Azure Ave

Tropical Pkwy

Tropical Pkwy

215

15

Centennial Pkwy



**ATKINS**  
Member of the SNC-Lavalin Group

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>
HOLLYWOOD SYSTEM, PHASE II, NELLIS AIR FORCE BASE REACH
<b>PETITIONER:</b>
DALE DAFFERN, P.E., DIRECTOR OF PUBLIC WORKS CITY OF NORTH LAS VEGAS
<b>RECOMMENDATION OF PETITIONER:</b>
THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT ACCEPT THE PROJECT PRESENTATION ON THE PROPOSED HOLLYWOOD SYSTEM, PHASE II, NELLIS AIR FORCE BASE REACH – NLV03J19 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None by this action.

**BACKGROUND:**


The Hollywood System, Phase II, Nellis Air Force Base Reach (Structure Nos. RWHW 0000, 0007, 0009, 0038, 0080, 0110, 0136, and 0173) is identified in the Regional Flood Control District's Ten-Year Construction Program with construction scheduled to begin in fiscal year 2018/2019.

Proposed improvements will be constructed in Hollywood Boulevard beginning approximately 420 feet north of Las Vegas Boulevard to south of Munitions Road on Nellis Air Force Base. The improvements include 1,815 feet of single- and multi-cell reinforced concrete box ranging in size from 12'x5' to triple 16'x7', approximately 1.2 miles of concrete rectangular open channel ranging in width from 25' to 51.2', and approximately 1 mile of a 50' wide, 10' deep graded earthen channel and berm. Other associated improvements include confluence, transition, and collection structures; channel, tortoise, and security fencing; and utility relocations. The proposed improvements will connect at the upstream end to an existing regional facility (RWHW 0174) in Hollywood Boulevard.

The design drawings are 90 percent complete, right-of-way has been acquired, and all necessary permits for this project have been obtained.

Representatives from the design consultant, Louis Berger, will be available to respond to any questions following the brief presentation.

Respectfully submitted,



Dale Daffern, P.E.  
Director of Public Works

TAC AGENDA ITEM # 16a Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM # 16a Date: 04/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**HOLLYWOOD SYSTEM, PHASE II, NELLIS AIR FORCE BASE REACH  
PROJECT PRESENTATION – NLV03J19**

Hollywood System, Phase II, Nellis Air Force Base Reach, (Structure Nos. RWHW 0000, 0007, 0009, 0038, 0080, 0110, 0136 and 0173) is identified in the Regional Flood Control District's Ten-Year Construction Program with construction scheduled to begin in fiscal year 2018/2019.

Proposed improvements will be constructed in Hollywood Boulevard beginning approximately 420 feet north of Las Vegas Boulevard to south of Munitions Road on Nellis Air Force Base. The improvements include 1,815 feet of single- and multi-cell reinforced concrete box ranging in size from 12'x5' to triple 16'x7', approximately 1.2 miles of concrete rectangular open channel ranging in width from 25' to 51.2', and approximately 1 mile of a 50' wide, 10' deep graded earthen channel and berm. Other associated improvements include confluence, transition, and collection structures; channel, tortoise, and security fencing; and utility relocations. The proposed improvements will connect at the upstream end to an existing regional facility (RWHW 0174) in Hollywood Boulevard.

The design drawings are 90 percent complete, right-of-way has been acquired, and all necessary permits for this project have been obtained.

Representatives from the design consultant, Louis Berger, will be available to respond to any questions following the brief presentation.

**Staff Recommendation:**

Accept the project presentation.

**Discussion by Technical Advisory Committee:**

AGENDA  
#16a Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#16a Date: 04/29/19

**Recommendation:**



**Louis Berger**

April 9, 2019

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

**RE: Hollywood System, Phase II, Nellis Air Force Base Reach**

Dear Mr. Parrish,

The design plans and specifications prepared by Louis Berger for the above-referenced project, shown on "Exhibit A", are at a 90% level of completion. The City of North Las Vegas is pleased to present this project to the Technical Advisory Committee, Citizens Advisory Committee, and District's Board of Directors for construction funding approval.

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

- **Project History and Description**

Hollywood System, Phase II, Nellis Air Force Base Reach includes flood control facilities in Hollywood Boulevard from approximately 420 feet north of Las Vegas Boulevard extending south under Las Vegas Boulevard (NDOT right-of-way), and through Nellis Air Force Base (NAFB) to Munitions Road. The project will connect to Phase I, which is currently under construction in Hollywood Boulevard from Centennial Parkway to approximately 420 feet north of Las Vegas Boulevard.

This second phase of the project is described in the 2018 Las Vegas Valley Master Plan by Facility ID Miles RWHW 0000, 0007, 0009, 0038 0080, 0110, 0136, and 0173. At the downstream end, Phase II will daylight in an earthen channel south of Munitions Road along the proposed alignment of MPU facility RWEA 0220. Phase II improvements include construction of storm drain facilities comprised of reinforced concrete box (RCB), concrete rectangular open channel, reinforced concrete pipe (RCP) laterals, area inlets, manholes, and inlet, transition, and confluence structures in Hollywood Boulevard, Las Vegas Boulevard, and on NAFB property. The flood control system consists of approximately 1,815 feet of single- and multi-cell RCBs ranging in size from 12-foot X 5-foot to triple 16-foot X 7-foot to be installed in Hollywood Boulevard, Las Vegas Boulevard, Ellsworth Avenue, O'Bannon Road, and Munitions Road via open cut construction. The remainder of the system consists of approximately 1.2 miles of concrete rectangular open channel ranging in width from 25 feet to 51.17 feet, and almost 5,300 feet of a 50-foot wide, 10-foot deep graded earthen channel with an earthen berm. System capacity increases from 1,965 cfs to 3,534 cfs during the ultimate condition 100-year design storm event. Other associated improvements include channel and tortoise fencing, security fence and grate appurtenances, relocation of water and sanitary sewer lines, removal and reconstruction of bituminous pavement and pavement markings, and other appurtenances associated with urban flood control facility construction.

- **Project Costs**

A detailed construction cost estimate is attached as "Exhibit B." The estimated project costs are summarized below:

Design	\$ 2,040,000
Right-of-Way	\$ 656,972
Environmental	\$ 10,000
Construction	\$ 18,500,000
Construction Management	\$ <u>1,110,000</u>
TOTAL	\$ 22,316,972

- **Outside Funding**

No outside funding sources are available.

- **Projected Construction Schedule**

If funding were made available today, the estimated construction schedule is listed below:

Award of Bid	August 2019
Construction Start Date	September 2019
Construction End Date	December 2020
Project Duration	15 months

- **Right-of-Way**

The Hollywood System, Phase II, Nellis Air Force Base Reach project will be constructed within City of North Las Vegas, Clark County, and U.S. Air Force rights-of-way. Encroachment Permits are required from Clark County Department of Public Works (Hollywood Boulevard) and NDOT (Las Vegas Boulevard). The Clark County and NDOT encroachment permits have been obtained.

- **Cash Flow Projection**

Attached is a cash flow projection for construction.

- **Economic Benefit**

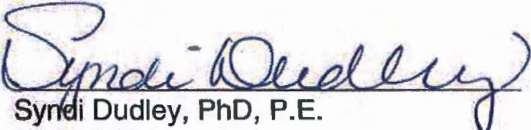
This project is a portion of the Clark County Regional Flood Control District's (CCRFCD) Master Plan. In September 2005, CCRFCD received the document titled "Benefit to Cost Analysis of Capital Programs" prepared by Hobbs, Ong & Associates, Inc.; Restrepo Consulting Group/Applied Market Analysis; Post, Buckley, Schuh & Jernigan, Inc.; and Public Financial Management, Inc.

The report concludes, "The quantifiable public benefits associated with flood control project, when compared to costs, show that flood control projects have provided a return of \$2.21 for each dollar expended. When those benefits that are not readily quantifiable

are taken into consideration, the contribution that these facilities provide to the welfare of Clark County's residents and the vitality of the local economy increases beyond the calculated ratio. It is expected that the benefit to cost ratio of the District construction program will remain at a level that approximates 2 to 1 through buildout of the Master Plan and over the useful life of the facilities."

- **Environmental Requirements**  
City of North Las Vegas has met all necessary environmental requirements for this project.
- **Project Enhancements**  
No project enhancements are proposed with this project.

If you have any questions, please call the undersigned at 702.789-1964.

BY:   
Syndi Dudley, PhD, P.E.  
Project Manager

Enclosures: Cash Flow Projection  
Project Map – Exhibit A  
Cost Estimate – Exhibit B  
Typical Section – Exhibit C

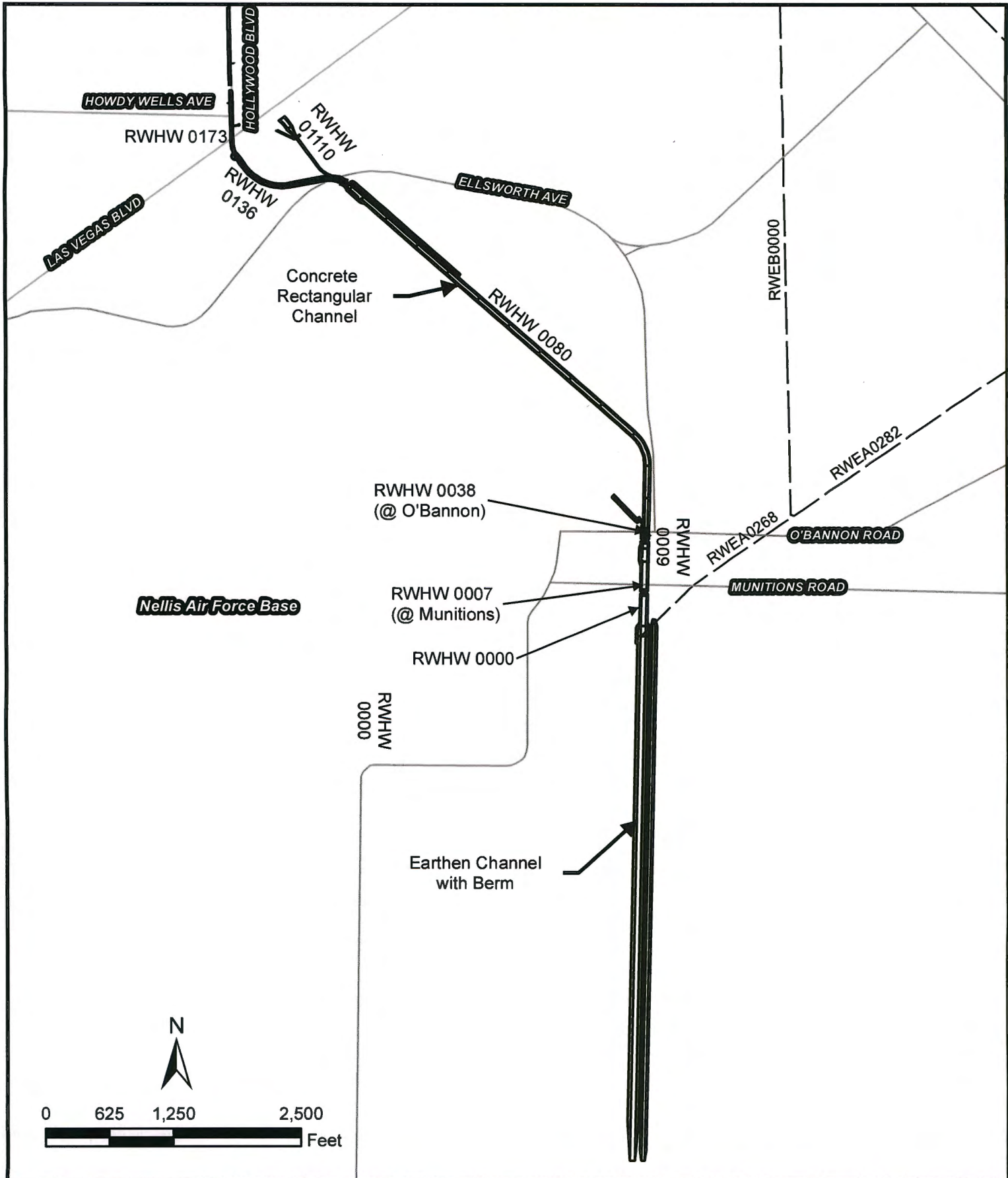
## Clark County Regional Flood Control District Cash Flow Projection

Date: 4/15/2019  
 Project Number: NLV03J19  
 Project Name: Hollywood System, Phase II, Nellis Air Force Reach  
 Project Type: Channel and Storm Drain  
 ILC Amount: \$ 19,610,000

Construction Schedule			
Milestone	Estimate	Revised	Actual
Award of Bid	August-19		
CONS Start	September-19		
CONS Complete	December-20		
Project Duration	15 months		

Billing Month	CCRFCD Original Estimate		Actual Drawdown		CCRFCD Revised Estimate	
	\$	%	\$	%	\$	%
September-19	980,500	5				
October-19	980,500	5				
November-19	1,961,000	10				
December-19	1,764,900	9				
January-20	1,764,900	9				
February-20	1,568,800	8				
March-20	1,568,800	8				
April-20	1,568,800	8				
May-20	1,568,800	8				
June-20	1,372,700	7				
July-20	1,372,700	7				
August-20	1,176,600	6				
September-20	980,500	5				
October-20	588,300	3				
November-20	392,200	2				
<b>TOTAL</b>	19,610,000	100				





**HOLLYWOOD SYSTEM, PHASE II,  
NELLIS AIR FORCE BASE REACH**

**Legend**

- Hollywood System, Phase I - Under Construction
- Hollywood System, Phase II - Proposed
- - Future MPU Facilities

**Exhibit A  
Project Map**



## Exhibit B

CITY OF NORTH LAS VEGAS					
BID SCHEDULE					
HOLLYWOOD SYSTEM, PHASE II					
NELLIS AIR FORCE BASE REACH					
Estimate					
Item	Description	Quantity	Unit	Unit Price	Bid Amount
104.01	Traffic Control	1	LS	\$ 250,000.00	\$ 250,000.00
104.02	Perimeter Security	3	DAY	\$ 800.00	\$ 2,400.00
105.01	Construction Staking	1	LS	\$ 100,000.00	\$ 100,000.00
109.01	Construction Conflicts and Additional Work	1	LS	\$ 150,000.00	\$ 150,000.00
200.01	Mobilization and Demobilization	1	LS	\$ 760,000.00	\$ 760,000.00
201.01	Clearing and Grubbing	1	LS	\$ 400,000.00	\$ 400,000.00
202.01	Remove 24-Inch RCP	35	LF	\$ 35.00	\$ 1,225.00
202.02	Remove Sewer Manhole	10	EA	\$ 4,000.00	\$ 40,000.00
202.03	Remove Sewer Line	2,607	LF	\$ 50.00	\$ 130,350.00
202.04	Remove Chain Link Fence	1,081	LF	\$ 10.00	\$ 10,810.00
202.05	Remove and Salvage Riprap	1	LS	\$ 1,000.00	\$ 1,000.00
202.06	Cold Planing	5,724	SY	\$ 4.90	\$ 28,047.60
202.07	Remove and Reset Portable Precast Concrete Barrier Rail	6	EA	\$ 200.00	\$ 1,200.00
202.08	Remove Precast Plug	1	EA	\$ 3,000.00	\$ 3,000.00
202.09	Remove Bubbler	1	EA	\$ 4,000.00	\$ 4,000.00
202.10	Remove Water Line	254	LF	\$ 75.00	\$ 19,050.00
203.01	Roadway Excavation	367	CY	\$ 10.00	\$ 3,670.00
203.02	Earthen Channel Excavation	110,500	CY	\$ 5.00	\$ 552,500.00
302.01	Type II Aggregate Base	1,730	CY	\$ 50.00	\$ 86,500.00
302.02	Type II Aggregate Base (Maintenance Access Road and Manway)	7,376	CY	\$ 50.00	\$ 368,800.00
302.03	Type I Class B Aggregate Base	491	CY	\$ 50.00	\$ 24,550.00
402.01	Plantmix Bituminous Surface	939	CY	\$ 90.00	\$ 84,510.00
402.02	Plantmix Bituminous Surface (NDOT)	226	CY	\$ 90.00	\$ 20,340.00
403.01	Plantmix Bituminous Open-Graded Surface	44	CY	\$ 90.00	\$ 3,960.00
502.01	12-Foot X 5-Foot Reinforced Concrete Box	79	LF	\$ 1,200.00	\$ 94,800.00
502.02	12-Foot X 7-Foot Precast Reinforced Concrete Box	726	LF	\$ 1,300.00	\$ 943,800.00
502.03	Double (2) 12-Foot X 6-Foot Reinforced Concrete Box	384	LF	\$ 2,200.00	\$ 844,800.00
502.04	Double (2) 12-Foot X 6-Foot Precast Reinforced Concrete Box	324	LF	\$ 2,200.00	\$ 712,800.00
502.05	Double (2) 12-Foot X 9-Foot Precast Reinforced Concrete Box	168	LF	\$ 2,200.00	\$ 369,600.00
502.06	Triple (3) 16-Foot X 6-Foot Precast Reinforced Concrete Box	75	LF	\$ 3,400.00	\$ 255,000.00
502.07	Triple (3) 16-Foot X 7-Foot Precast Reinforced Concrete Box	60	LF	\$ 4,000.00	\$ 240,000.00
502.08	25-Foot Rectangular Concrete Channel	936	LF	\$ 970.00	\$ 907,920.00
502.09	26.25-Foot Rectangular Concrete Channel	15	LF	\$ 1,000.00	\$ 15,000.00
502.10	36-Foot Rectangular Concrete Channel	4,663	LF	\$ 1,150.00	\$ 5,362,450.00
502.11	51.17-Foot Rectangular Concrete Channel	753	LF	\$ 1,200.00	\$ 903,600.00
502.12	25-Foot Rectangular Concrete Channel Transition	2	EA	\$ 41,000.00	\$ 82,000.00
502.13	36-Foot Rectangular Concrete Channel Transition	1	EA	\$ 34,000.00	\$ 34,000.00
502.14	Reinforced Concrete Box Transition	1	EA	\$ 30,000.00	\$ 30,000.00
502.15	Las Vegas Boulevard Inlet Flume	1	EA	\$ 118,000.00	\$ 118,000.00
502.16	O'Bannon Inlet Flume	1	EA	\$ 50,000.00	\$ 50,000.00
502.17	O'Bannon Confluence	1	EA	\$ 145,000.00	\$ 145,000.00
502.18	Maintenance Access Ramp	2	EA	\$ 65,000.00	\$ 130,000.00
502.19	Concrete Wingwalls	2	EA	\$ 5,000.00	\$ 10,000.00
502.20	Concrete Causeway	2	EA	\$ 7,500.00	\$ 15,000.00
506.01	Access Control Grate	1	EA	\$ 75,000.00	\$ 75,000.00
603.01	18-Inch Reinforced Concrete Pipe (Class III)	44	LF	\$ 125.00	\$ 5,500.00
603.02	24-Inch Reinforced Concrete Pipe (Class III)	57	LF	\$ 175.00	\$ 9,975.00
609.01	RCB Manhole	5	EA	\$ 3,000.00	\$ 15,000.00
609.02	Type III Storm Drain Manhole (60-inch)	1	EA	\$ 8,000.00	\$ 8,000.00
609.03	NDOT Type 2 Drop Inlet With Concrete Apron	1	EA	\$ 5,500.00	\$ 5,500.00

609.04	NDOT Type 2B Drop Inlet With Concrete Apron	1	EA	\$	5,500.00	\$	5,500.00
610.01	Riprap (D50 = 18 inches)	4,764	CY	\$	60.00	\$	285,840.00
613.01	Construct Concrete Curb and Gutter, Type "L"	215	LF	\$	22.00	\$	4,730.00
616.01	Construct 72-inch Chain Link Fence w/ 3-Strand Barbed Wire	7,712	LF	\$	50.00	\$	385,600.00
616.02	2-Cable Fence w/ Tortoise Fence	13,743	LF	\$	10.00	\$	137,430.00
616.03	Tortoise Guard	26	EA	\$	500.00	\$	13,000.00
616.04	5-Foot Metal Walk Gate	2	EA	\$	250.00	\$	500.00
616.05	12-Foot Metal Drive Gate	2	EA	\$	700.00	\$	1,400.00
616.06	Tubular Fence	145	LF	\$	60.00	\$	8,700.00
627.01	Remove and Reset Sign Post(s) and Panel(s)	2	EA	\$	200.00	\$	400.00
627.02	Permanent Sign (Ground Mounted - Metal Post)	1	EA	\$	300.00	\$	300.00
628.01	Pavement Markings (Type 2) Arrow Legend	3	EA	\$	150.00	\$	450.00
628.02	Pavement Markings (Type 2) Stop Bar	47	SF	\$	6.00	\$	282.00
628.03	Pavement Markings (Type 1 Polyurea) (4-Inch Solid White)	1,224	LF	\$	3.00	\$	3,672.00
628.04	Pavement Markings (Type 1 Polyurea) (4-Inch Broken Yellow)	275	LF	\$	1.50	\$	412.50
628.05	Pavement Markings (Type 2) Yellow Transition	232	SF	\$	6.00	\$	1,392.00
628.06	Pavement Markings (Type 1 Polyurea) (4-Inch Double Solid Yellow)	21	LF	\$	3.00	\$	63.00
629.01	8-inch Ductile Iron Pipe (Pressure Class 250)	135	LF	\$	180.00	\$	24,300.00
629.02	12-inch Ductile Iron Pipe (Pressure Class 250)	131	LF	\$	220.00	\$	28,820.00
629.03	16-inch Ductile Iron Pipe (Pressure Class 250)	70	LF	\$	400.00	\$	28,000.00
629.04	8-Inch 45° Elbow	4	EA	\$	410.00	\$	1,640.00
629.05	12-Inch 45° Elbow	4	EA	\$	500.00	\$	2,000.00
629.06	16-Inch 45° Elbow	4	EA	\$	950.00	\$	3,800.00
629.07	16-Inch X 16-Inch Tee	1	EA	\$	1,850.00	\$	1,850.00
629.08	18-Inch Steel Casing	77	LF	\$	75.00	\$	5,775.00
629.09	24-Inch Steel Casing	77	LF	\$	110.00	\$	8,470.00
629.10	30-Inch Steel Casing	53	LF	\$	130.00	\$	6,890.00
629.11	16-Inch X 6-Inch Reducer w/ Gate Valve	1	EA	\$	400.00	\$	400.00
629.12	6-Inch PVC (C900)	7	LF	\$	100.00	\$	700.00
629.13	6-Inch 22.5-degree Bend	1	EA	\$	30.00	\$	30.00
629.14	Line Stop (30-Inch)	1	EA	\$	25,000.00	\$	25,000.00
629.15	Adjust Water Valve Box to Finish Grade	1	EA	\$	650.00	\$	650.00
629.16	Remove and Reset Fire Hydrant Assembly	1	EA	\$	5,000.00	\$	5,000.00
630.01	10-Inch PVC (SDR-35) Sanitary Sewer Pipe	2,711	LF	\$	250.00	\$	677,750.00
630.02	8-Inch PVC (C900) Sanitary Sewer Pipe	100	LF	\$	240.00	\$	24,000.00
630.03	12-Inch PVC (C900) Sanitary Sewer Pipe	425	LF	\$	260.00	\$	110,500.00
630.04	20-Inch PVC (C905) Sanitary Sewer Pipe	80	LF	\$	285.00	\$	22,800.00
630.05	48-Inch Sanitary Sewer Manhole	10	EA	\$	10,000.00	\$	100,000.00
630.06	60-Inch Sanitary Sewer Manhole	4	EA	\$	13,000.00	\$	52,000.00
630.07	72-Inch Sanitary Sewer Manhole	1	EA	\$	16,000.00	\$	16,000.00
632.01	Pavement Markings (Polyurea) (4-Inch Solid White) NDOT	360	LF	\$	3.00	\$	1,080.00
633.01	Non-reflective Pavement Markers	75	EA	\$	3.00	\$	225.00
633.02	Reflective Pavement Markers	51	EA	\$	3.00	\$	153.00
637.01	Dust Control	1	LS	\$	336,000.00	\$	336,000.00
637.02	Temporary Pollution Control	1	LS	\$	10,000.00	\$	10,000.00
	Subtotal					\$	16,565,847.10
	Contingency (10%)					\$	1,656,584.71
	Grand Total					\$	18,222,431.81

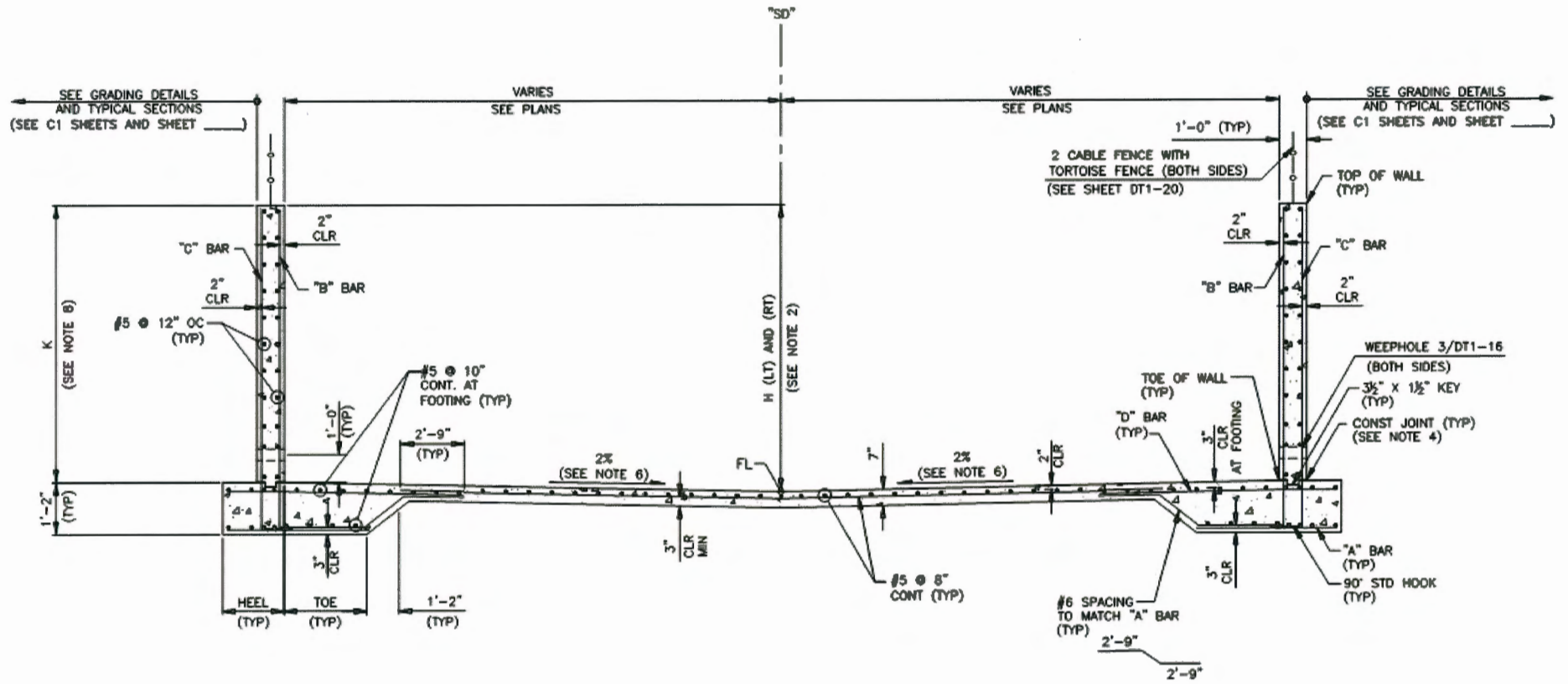


Exhibit C  
Typical Section



**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM**

<b>SUBJECT:</b> HOLLYWOOD SYSTEM, PHASE II, NELLIS AIR FORCE BASE REACH
<b>PETITIONER:</b> DALE DAFFERN, P.E., DIRECTOR OF PUBLIC WORKS CITY OF NORTH LAS VEGAS
<b>RECOMMENDATION OF PETITIONER:</b> THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE AN INTERLOCAL CONTRACT FOR CONSTRUCTION FOR THE HOLLYWOOD SYSTEM, PHASE II, NELLIS AIR FORCE BASE REACH – NLV03J19 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

Construction	\$ 18,500,000
Construction Engineering	\$ 1,110,000
<b>Total</b>	<b>\$ 19,610,000</b>

**BACKGROUND:**


The Hollywood System, Phase II, Nellis Air Force Base Reach (Structure Nos. RWHW 0000, 0007, 0009, 0038, 0080, 0110, 0136, and 0173) is identified in the Regional Flood Control District's Ten-Year Construction Program with construction scheduled to begin in fiscal year 2018/2019.

Proposed improvements will be constructed in Hollywood Boulevard beginning approximately 420 feet north of Las Vegas Boulevard to south of Munitions Road on Nellis Air Force Base. The improvements include 1,815 feet of single- and multi-cell reinforced concrete box ranging in size from 12'x5' to triple 16'x7', approximately 1.2 miles of concrete rectangular open channel ranging in width from 25' to 51.2', and approximately 1 mile of a 50' wide, 10' deep graded earthen channel and berm. Other associated improvements include confluence, transition, and collection structures; channel, tortoise, and security fencing; and utility relocations. The proposed improvements will connect at the upstream end to an existing regional facility (RWHW 0174) in Hollywood Boulevard.

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

Respectfully submitted,

TAC AGENDA ITEM # 16b Date: 04/25/19	RFCD AGENDA ITEM # Date: 05/23/19
CAC AGENDA ITEM # 16b Date: 04/29/19	

  
 \_\_\_\_\_  
 Dale Daffern, P.E.  
 Director of Public Works

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/15/19

**HOLLYWOOD SYSTEM, PHASE II, NELLIS AIR FORCE BASE REACH  
INTERLOCAL CONTRACT – NLV03J19**

The City of North Las Vegas has submitted a request to approve an interlocal contract in the amount of \$19,610,000 for construction and construction engineering for the Hollywood System, Phase II, Nellis Air Force Base Reach project.

The Hollywood System, Phase II, Nellis Air Force Base Reach (Structure Nos. RWHW 0000, 0008, 0009, 0038, 0080, 0110, 0136 and 0173) is identified in the Regional Flood Control District's Ten-Year Construction Program with construction scheduled to begin in fiscal year 2018/2019.

Proposed improvements will be constructed in Hollywood Boulevard beginning approximately 420 feet north of Las Vegas Boulevard to south of Munitions Road on Nellis Air Force Base. The improvements include 1,815 feet of single- and multi-cell reinforced concrete box ranging in size from 12'x5' to triple 16'x7', approximately 1.2 miles of concrete rectangular open channel ranging in width from 25' to 51.2', and approximately 1 mile of a 50' wide, 10' deep graded earthen channel and berm. Other associated improvements include confluence, transition, and collection structures; channel, tortoise, and security fencing; and utility relocations. The proposed improvements will connect at the upstream end to an existing regional facility (RWHW 0174) in Hollywood Boulevard.

With the total project construction cost of \$16.6 million, approximately 197 jobs will be created or sustained with this project. District funding will be provided as follows:

Construction	\$18,500,000
Construction Engineering	\$ 1,100,000
<b>Total ILC Value</b>	<b>\$19,600,000</b>

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  
#16b Date: 04/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#16b Date: 04/29/19

**Recommendation:**

042519 NLV03J-aid

**INTERLOCAL CONTRACT  
HOLLYWOOD SYSTEM, PHASE II, NELLIS AIR FORCE BASE REACH**

**THIS INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2019, by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the City of North Las Vegas, hereinafter referred to as "CITY".

**WITNESSETH**

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2013 Flood Control Master Plan Update, to include Structure Nos. RWHW 0000, 0007, 0009, 0038, 0080, 0110, 0136 and 0173, 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.

**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 for the Project associated with the Hollywood System, Phase II, Nellis Air Force Base Reach. The proposed improvements include construction of approximately 1.6 miles of storm drain and open channel improvements beginning in Hollywood Boulevard approximately 420 feet north of Las Vegas Boulevard and ending on Nellis Air Force Base south of Munitions Road, and other appurtenances associated with an urban flood control facility. This PROJECT is further identified and shown on the attached Exhibit "A."

**SECTION II - PROJECT COSTS**

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

1. Construction in an amount not to exceed \$18,500,000.
2. Construction Management in an amount not to exceed \$1,110,000.



3. The total cost of this Interlocal Contract shall not exceed \$19,610,000, which includes all the items described in paragraphs above.
4. If at any time during the term of this Contract the entity determines that a portion of the funds provided pursuant to this Contract will not be needed for the Project, then the entity will notify the District in writing of the amount of funds that are not anticipated to be used for the Project. Upon receipt of said notification the District's obligation to pay the maximum amount set forth herein will automatically be reduced by the amount specified in the notification.
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 title sheet of both the plans and the specifications shall show the Regional Flood Control District of Clark County as the funding agency.
2. The CITY will use its best efforts to award the bid for this project by August 31, 2019. 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 (4) months, as measured from the award date, may be subject to a formal review by both the Technical Advisory Committee and the District Board of Directors. 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 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. Right-of-Way acquisition including right-of-way engineering appraisals, title and escrow, negotiations, legal fees, recording fees, etc.
  - B. Predesign Engineering (all work prior to design, excluding right-of-way)
  - C. Design Engineering
  - D. Construction Engineering
  - E. Construction (all work after award of construction contract)
  - F. Environmental: costs incurred by the entity for the preparation of environmental documentation applicable to the Project and costs incurred for the implementation of mitigation measures provided in an environmental document (e.g., EIS OR EA)

- G. Other including landscaping, flood insurance rate map amendments or revisions, etc.
- 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 June 30 2022. The DISTRICT may, at any time thereafter, grant extensions or terminate this Contract after thirty (30) days' notice.

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

Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

\_\_\_\_\_

BY: \_\_\_\_\_  
LAWRENCE L. BROWN, III  
Chair

ATTEST:

\_\_\_\_\_  
SHERRY ALLEN  
Secretary to the Board

Approved as to Form:

BY: \_\_\_\_\_  
CHRISTOPHER FIGGINS  
Chief Deputy District Attorney

\*\*\*\*\*

Date of Council Action:

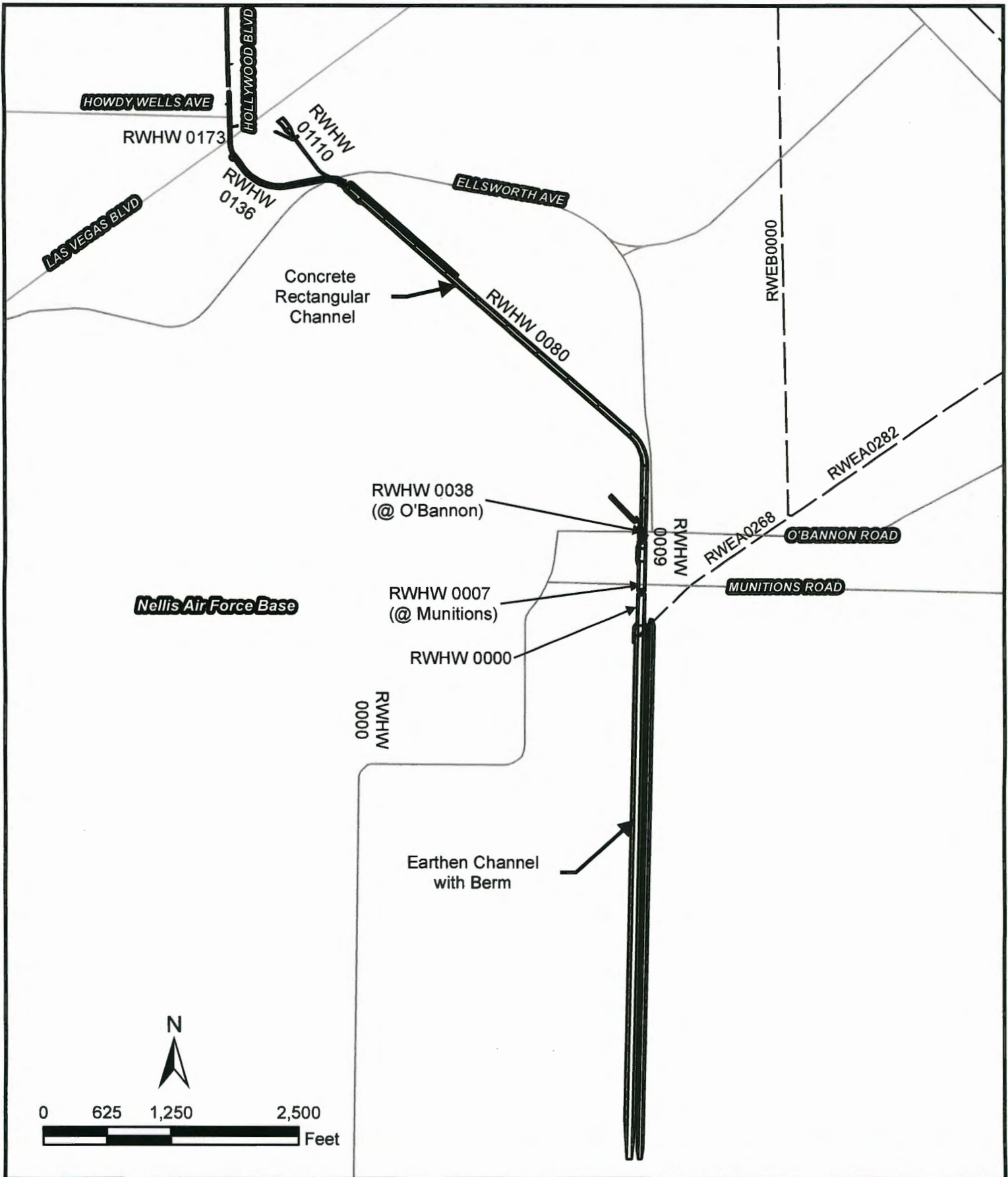
CITY OF NORTH LAS VEGAS

\_\_\_\_\_

BY: \_\_\_\_\_  
JOHN J. LEE  
Mayor

ATTEST:

\_\_\_\_\_  
CATHERINE A. RAYNOR, MMC  
City Clerk



**HOLLYWOOD SYSTEM, PHASE II,  
NELLIS AIR FORCE BASE REACH**

**Legend**

- Hollywood System, Phase I - Under Construction
- Hollywood System, Phase II - Proposed
- - Future MPU Facilities

**Exhibit A  
Project Map**



**Louis Berger**

17. **Comments By the General Public**

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