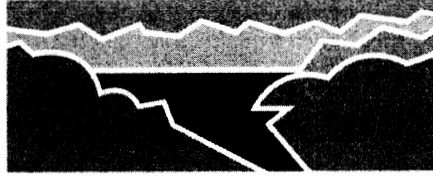


# REGIONAL FLOOD CONTROL DISTRICT



## NOTICE OF PUBLIC MEETING

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

APRIL 30, 2018  
3:00 P.M.

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

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

DEANNA HUGHES, 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

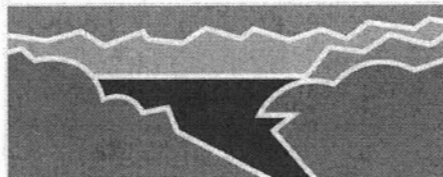
This meeting has been properly noticed and posted at the following locations:

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 89024
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.

# REGIONAL FLOOD CONTROL DISTRICT



**AGENDA**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**CITIZENS ADVISORY COMMITTEE**  
**APRIL 30, 2018**  
**3:00 P.M.**

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

## **I. Call to Order**

### **1. Comments By the General Public**

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

2. Action to approve the agenda with deletion of any items (*For possible action*)
3. Action to approve the minutes of the April 2, 2018 meeting (*For possible action*)

## **II. Administration**

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

6. Action to accept the final accounting report and closeout the interlocal contract for the following project (*For possible action*):
  - Gowan Outfall – Lone Mountain Branch (Rancho Drive to Decatur Boulevard) (design) – LAS24E07
7. 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 2018-19 (*For possible action*)
8. Action to approve a 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*)
9. Action to authorize the General Manager/Chief Engineer to issue a request for proposals from interested and qualified engineering firms, select a consultant, and negotiate a professional services contract to prepare a Master Plan Update for the Outlying Areas of Clark County, Nevada including Blue Diamond, Coyote Springs, Goodsprings, Indian Springs, Jean, Laughlin, Mount Charleston, Nelson, Primm and Searchlight (*For possible action*)
10. Discussion and possible action to approve the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2018-19 project list (*For possible action*)

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

11. Action to approve the second supplemental interlocal contract for construction to extend the project completion date for Centennial Parkway Channel West – CC215, Pioneer Way to US95 – City of Las Vegas (*For possible action*)
12. Action to approve a Master Plan Amendment for the Whitney Wash – Duck Creek Channel – City of Henderson (*For possible action*)
13. Local Drainage Improvements – Katie Avenue Storm Drain – Clark County
  - a. Action to approve the first supplemental interlocal contract for construction to decrease funding and extend the project completion date (*For possible action*)
  - b. Receive a report on the award of bid for construction

14. Hemenway System, Phase IIA Improvements – City of Boulder City
  - 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. Action to approve the first supplemental interlocal contract for maintenance to increase funding – FY 2017-18 – City of Henderson (*For possible action*)
16. Action to approve the first supplemental interlocal contract for construction to reallocate funding and approve a waiver of the design engineering cap for Gowan North – El Capitan Branch, Lone Mountain to Ann Road – City of Las Vegas (*For possible action*)
17. Action to approve the first supplemental interlocal contract for design to increase funding for Flamingo – Boulder Highway North, Charleston – Main Street to Maryland Parkway – City of Las Vegas (*For possible action*)
18. **Comments By the General Public**

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

**MINUTES**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**CITIZENS ADVISORY COMMITTEE**

**APRIL 2, 2018**

**3:00 P.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 Sherry Allen 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. Larry Nelson, Chairman, City of Henderson, called the meeting to order at 3:00 p.m., in Room 108, 600 South Grand Central Parkway, with the following members present:

**MEMBERS PRESENT:** Larry Nelson, Chairman, City of Henderson  
Ronald Newell, Vice-Chairman, Clark County  
Norman Ashford, City of Mesquite  
Shawn Fleming, City of Boulder City  
Harshal Desai, City of Henderson

**MEMBERS EXCUSED:** Jennifer L. Taylor, Esq., Clark County  
Shawn Meagher, City of North Las Vegas  
Bill Starmer, City of Las Vegas  
Michael Kelly, City of North Las Vegas  
Jason Gross, City of Boulder City

**STAFF:** Steven C. Parrish, General Manager/Chief Engineer  
Andrew Trelease, Assistant General Manager  
Christopher Figgins, Chief Deputy District Attorney  
Todd Myers, Engineering Director  
John Tennert, Environmental Mitigation Manager  
Erin Neff, Public Information Manager  
Abigail Mayrena, Principal Civil Engineer  
Brian Rowley, Principal Civil Engineer  
Ching C. Wang, Senior Civil Engineer  
Edward Demars, Associate Engineer  
Jessica Butte, Management Analyst II

Chris Russo, Management Analyst II  
Beatriz Martinez, Public Information Coordinator  
Sherry Allen, Office Services Manager

**I. Call to Order**

**Mr. Larry Nelson, Chairman, called the Citizens Advisory Committee meeting to order at 3:00 p.m. in Room 108 at 600 South Grand Central Parkway.**

**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*)**

**Upon a motion by Mr. Newell, the agenda was approved.**

**5 AYES – 0 NAYS**

**Motion Carried**

**3. Action to approve the minutes of the February 26, 2018 meeting (*For possible action*)**

**Upon a motion by Mr. Newell, the minutes of the February 26, 2018 meeting were approved.**

**5 AYES – 0 NAYS**

**Motion Carried**

**II. Administration**

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

Mr. Parrish stated the reports are in the agenda backup. A handout for the Sales Tax was distributed to the committee members. The sales tax for January, 2018 reported \$8,094,419.86, which is 6.45 percent above our estimate.

Staff recommends accepting the financial reports.

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

**5 AYES – 0 NAYS  
Motion Carried**

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

Mr. Parrish stated that these are amendments to the Ten Year Construction Program with fiscal impacts that occur later in the agenda.

Staff recommends approval.

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

**5 AYES – 0 NAYS  
Motion Carried**

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

- Flamingo Diversion – Rainbow Branch (construction) – CLA27D13

Mr. Desai abstained from item #6.

Mr. Figgins stated that the Citizens Advisory Committee should hold this item until the end of the agenda to allow another member to attend today's meeting.

**Desai – (1) ABSTENTION**

**Due to the lack of a quorum (five), post abstention, a vote was unable to be taken for item #6.**

7. Receive the quarterly Project Status Reports: reporting period November 2017 through January 2018

Mr. Parrish stated that the project status reports are included in the agenda backup.

**No Action Required.**

8. Action to approve the First Amendment to the consultant contract to extend the completion date with the University of Nevada, Las Vegas (UNLV) to conduct a research project to investigate impacts of lateral flows to main line channel facilities throughout Clark County (*For possible action*)

Mr. Parrish stated that in June, 2017, the Board of Directors approved a contract with the University of Nevada, Las Vegas (UNLV) to do research. This work was to investigate lateral flow connections to main line channels. There were problems with the flume and water lab that required repair, therefore, an extension was requested until December 31, 2018.

Mr. Nelson asked what they were specifically looking for. Mr. Parrish explained that there is a section in the District manual that deals with angle of entry for lateral pipes going into channels. Dependent on the size of the channel and the size of the pipe coming in, there could be different variations. That section in the manual will be reviewed, with changes proposed and an update to the manual sometime next year.

Staff recommends approval.

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

**5 AYES – 0 NAYS  
Motion Carried**

9. Discussion and possible action to approve the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2018-19 project list (*For possible action*)

Mr. Parrish stated that this is the first of two reminders to the entities for the Ten-Year Construction Program update. The spreadsheets have been prepared and distributed to the entities. The entities will provide input on the projects they want to program. The responses from the entities need to be submitted no later than April 23, 2018. There are a few changes to the Plan this year. Costs have gone up substantially. There have been changes that have increased the costs of facilities that are shown on the Ten-Year Construction Program. Resources have increased about 2 percent over last year; going from \$868 million to \$886 million. This is due to the second Bond issue that is programmed into year seven of the ten-year program. The bond went from \$175 million to \$200 million.

**No Action Required.**



### III. Design and Construction

10. Receive reports on the award of bid for construction for the following projects:
  - a. Flamingo Wash – Eastern Avenue – Clark County
  - b. Searchlight – South, Encinitas St. Storm Drain – Clark County

Mr. Parrish stated that on November 17, 2017, eleven (11) bids were received for the Flamingo Wash – Eastern Avenue project. The recommended best bid went to Tand, Inc., in the amount of \$1,313,020.00, approximately 19 percent above the engineers' estimate. There are sufficient funds available for this project with no supplemental required for construction.

Mr. Parrish further stated that for item 10b, on December 15, 2017, ten (10) bids were received for the Searchlight – South, Encinitas St. Storm Drain project. The recommended best bid went to Wadley Construction, Inc., in the amount of \$2,001,892.40, which was 0.53 percent below the engineers' estimate. There are sufficient funds available for this project with no supplemental required.

#### **No Action Required.**

11. Action to approve the fourth supplemental interlocal contract for construction to extend the project completion date for Freeway Channel – Washington, MLK to Rancho Drive – City of Las Vegas (*For possible action*)

Mr. Desai abstained from item #11.

Mr. Figgins stated that the Citizens Advisory Committee should hold this item until the end of the agenda to allow another member to attend today's meeting.

#### **Desai – (1) ABSTENTION**

**Due to the lack of a quorum (five), post abstention, a vote was unable to be taken for item #11.**

12. Action to approve the second supplemental interlocal contract for design to increase funding, add a line item for a Conditional Letter of Map Revision/Letter of Map Revision and extend the project completion date for Virgin River Flood Wall – City of Mesquite *(For possible action)*

Mr. Desai abstained from item #12.

Mr. Figgins stated that the Citizens Advisory Committee should hold this item until the end of the agenda to allow another member to attend today's meeting.

**Desai – (1) ABSTENTION**

**Due to the lack of a quorum (five), post abstention, a vote was unable to be taken for item #11.**

13. Action to approve the first supplemental interlocal contract for maintenance to decrease funding for the FY 2017-18 Maintenance Work Program – Clark County *(For possible action)*

Mr. Parrish stated that this is an interlocal contract for Clark County, with a decrease of \$2,000,000.00. There were funds programmed into the budget for repairs to the Sloan Channel. Those repairs will not be completed this fiscal year, thus, the decrease of \$2,000,000.00. The funds will be added to the budget for FY 2018-19 to complete the repairs to Sloan Channel next year.

Staff recommends approval.

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

**5 AYES – 0 NAYS  
Motion Carried**

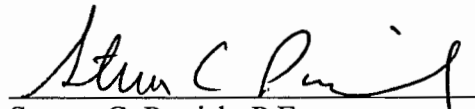
14. **Comments By the General Public**

Mr. Parrish informed the Committee that Ms. Cathy Littlefield has resigned from the Citizens Advisory Committee and Mr. Larry Schultz, with the recommendation of Commissioner Larry Brown, will be a member. He will be briefed before the next Citizens Advisory Committee meeting on April 30, 2018.

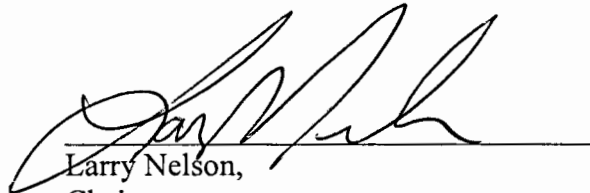
**ADJOURNMENT**

The meeting adjourned at 3:16 p.m.

Respectfully submitted,

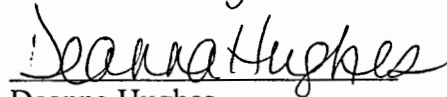


Steven C. Parrish, P.E.  
General Manager/Chief Engineer



Larry Nelson,  
Chairman

Attest May 2, 2018



Deanna Hughes,  
Board Secretary

/sa

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

<b>SUBJECT:</b>
FINANCIAL REPORTS – MARCH 2018
<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 2018, 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 2017-18 .....	2
	Sales Tax Revenue Report – FY 2017-18 .....	3
	Monthly Expenditure Summary Report .....	4
B - Fund 2870	Fund Balance Report .....	5
	Maintenance Work Program Monthly Expenditures.....	6-9
	Maintenance Work Program Status Report – FY 2018.....	10-11
C - Fund 3300	Fund Balance Report .....	12
D - Fund 4430	Fund Balance Report .....	13
	Monthly Expenditure Report.....	14-16
E - Fund 4440	Fund Balance Report .....	17
	Monthly Expenditure Report.....	18

TAC AGENDA ITEM #04 DATE: 04/26/2018	RFCD AGENDA ITEM # DATE: 05/24/2018
CAC AGENDA ITEM #04 DATE: 04/30/2018	

F - Summary	Pay-As-You Go – Current Project Expense Summary.....	19-45
	Bond Funded – Current Project Expense Summary .....	46-50
	Capital Improvement Program – Open Projects Summary .....	51
	Pay-As-You Go CIP – Cumulative Reporting .....	52-63
	Bond Funded CIP – Cumulative Reporting.....	64-68
	FY 2017-18 Projects Funded Summary .....	69-71
	FY 2017-18 Estimated Funding Schedule.....	72

Respectfully submitted,

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

TAC AGENDA ITEM#04 DATE: 04/26/2018	RFCD AGENDA ITEM# DATE: 05/24/2018
CAC AGENDA ITEM#04 DATE: 04/30/2018	

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2860 - OPERATING FUND  
 FUND BALANCE REPORT  
 MARCH 2018

BEGINNING CASH BALANCE:	9,478,155.46	
Accruals/Adjustments	<u>(1,396.08)</u>	
	TOTAL BEGINNING BALANCE	\$9,476,759.38
REVENUES:		
Sales Tax Revenue	8,094,419.86	
Interest Earnings	7,988.33	
Fund 4430 - Transfer In Interest Earnings	6,056.57	
Build America Bonds Rebate	0.00	
Sale of Materials	0.00	
Miscellaneous Other Revenue	3,884.00	
Petty Cash Reimbursements	0.00	
Miscellaneous Accruals/Adjustments	<u>9,880.96</u>	
	TOTAL REVENUES	\$8,122,229.72
EXPENDITURES:		
Salaries & Benefits	(325,443.00)	
Services & Supplies	(30,084.96)	
Professional Services	(228,260.98)	
Capital Expenditures	0.00	
Fund 2870 - Transfer Out Maintenance Work Program	(666,600.00)	
Fund 3300 - Transfer Out Debt Service	(3,302,766.05)	
Fund 4430 - Transfer Out Budgeted Transfers	(4,580,000.00)	
Accruals/Adjustments		
Accounts Payable	87,291.91	
Miscellaneous Accruals/Adjustments	<u>0.00</u>	
	TOTAL EXPENSES	<u>(\$9,045,863.08)</u>
ENDING CASH BALANCE:		<u><u>\$8,553,126.02</u></u>

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2860 - OPERATING FUND  
 APPROPRIATION BALANCE REPORT  
 FISCAL YEAR 2017-18

**REVENUES/FINANCING SOURCES**

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	UNREALIZED	% UNREALIZED
Revenues	\$ 103,754,635.00	\$ 60,797,447.41	N/A	\$ 42,957,187.59	41%
Other Sources	\$ 635,262.00	\$ 611,062.69	N/A	\$ 24,199.31	4%
<b>TOTAL</b>	<b>\$ 104,389,897.00</b>	<b>\$ 61,408,510.10</b>	<b>N/A</b>	<b>\$ 42,981,386.90</b>	<b>41%</b>

**EXPENDITURES/TRANSFERS**

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	AVAILABLE	% AVAILABLE
Expenditures	\$ 8,949,078.00	\$ 4,456,178.10	\$ 2,829,793.73	\$ 1,663,106.17	19%
Transfers Out					
Debt Service	\$ 39,651,400.00	\$ 33,045,867.22	\$ -	\$ 6,605,532.78	17%
MWP	\$ 8,000,000.00	\$ 4,666,200.00	\$ -	\$ 3,333,800.00	42%
CIP (1)	\$ 55,000,000.00	\$ 32,060,000.00	\$ -	\$ 22,940,000.00	42%
<b>TOTAL</b>	<b>\$ 111,600,478.00</b>	<b>\$ 74,228,245.32</b>	<b>\$ 2,829,793.73</b>	<b>\$ 34,542,438.95</b>	<b>31%</b>

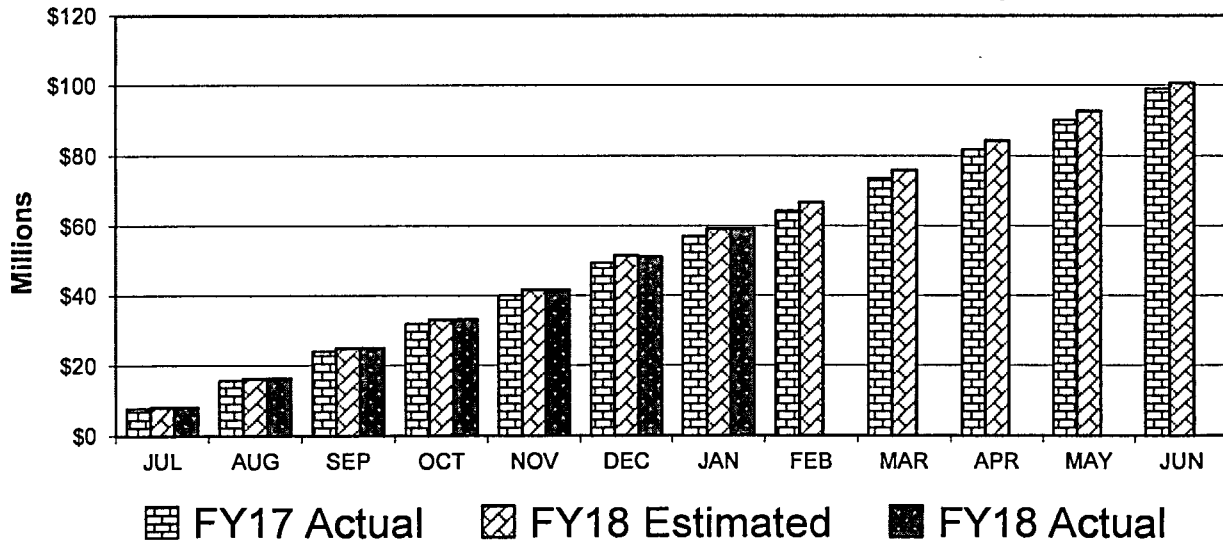
Notes:

(1) Includes Local Drainage program.

**SALES TAX REVENUE REPORT  
REGIONAL FLOOD CONTROL DISTRICT  
FISCAL YEAR 2017-18  
MODIFIED ACCRUAL BASIS**

MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE <small>(as approved April 13, 2017)</small>	ACTUAL SALES TAX REVENUES	DIFFERENCE OVER/(UNDER) ESTIMATE	PERCENT +/- FROM ESTIMATE
JULY	8,079,345.77	8,094,384.88	15,039.11	0.19%
AUGUST	8,203,982.32	8,255,778.90	51,796.58	0.63%
SEPTEMBER	8,557,326.01	8,581,751.61	24,425.60	0.29%
OCTOBER	8,172,375.00	8,237,649.83	65,274.83	0.80%
NOVEMBER	8,471,775.21	8,327,302.09	(144,473.12)	-1.71%
DECEMBER	9,983,768.26	9,577,458.25	(406,310.01)	-4.07%
JANUARY	7,603,708.26	8,094,419.86	490,711.60	6.45%
FEBRUARY	7,801,049.35			
MARCH	9,118,685.91			
APRIL	8,233,361.78			
MAY	8,435,509.85			
JUNE	8,039,112.28			
<b>TOTAL:</b>	<b>\$ 100,700,000.00</b>	<b>\$ 59,168,745.42</b>	<b>\$ 96,464.59</b>	<b>0.16%</b>

**Estimated vs Actual Cumulative Sales Tax Receipts**





**Schedule of Monthly Expenditures - Summary**  
**Fund 2860 - Operating Fund**  
**3/1/2018 to 3/31/2018**

<u>Fiscal Year</u>	<u>Account #</u>	<u>Account Name</u>	<u>Amount</u>
2018	61*/62*	Salaries and Benefits	325,443.00
	630000	Other Professional Services	219,901.78
	635000	Pro Svcs-Legal	3,959.20
	636000	Pro Svcs-Audit	4,400.00
	640310	R & M-Facilities	9,799.10
	640320	R & M-Equipment	601.00
	640340	R & M-Vehicles	1,713.42
	641000	Other Rental Expense	723.69
	644400	Temporary Personnel Services	3,095.10
	644610	Information System Services	683.73
	645000	Other Insurance	3,140.74
	646100	Telephone-Local	474.08
	646110	Telephone-Long Distance	5.64
	646120	Cell Phones/Beepers	352.94
	648100	Printing/Reproduction	807.94
	649100	Airfare	912.52
	649200	Lodging	928.96
	649400	Meals	288.00
	649510	Travel/Training	945.00
	663000	Operating Supplies	946.42
	663200	Food	230.00
	663400	Office Supplies	1,124.10
	663500	Wearing Apparel	74.90
	663630	Furniture & Fixtures	135.93
	670100	Electricity	2,041.62
	670500	Disposal	52.27
	679220	Software Licenses	119.94
	679300	Dues	336.00
	679600	Postage	551.92
		<b>Fiscal Year Total</b>	<b><u>\$583,788.94</u></b>
		<b>Grand Total</b>	<b><u><u>\$583,788.94</u></u></b>

**REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2870 - FACILITIES MAINTENANCE FUND  
 FUND BALANCE REPORT  
 MARCH 2018**

BEGINNING CASH BALANCE:	7,543,900.91	
Accruals/Adjustments	<u>0.00</u>	
 TOTAL BEGINNING CASH BALANCE:		 \$7,543,900.91
 REVENUES:		
Interest Income	8,611.54	
Fund 2860 - Transfer In Maintenance Work Program	666,600.00	
Miscellaneous Other Revenue/Adjustments	<u>0.00</u>	
 TOTAL MONTHLY REVENUES		 \$675,211.54
 EXPENDITURES:		
Services & Supplies	0.00	
Maintenance Work Program Expenditures	(753,547.32)	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	0.00	
Contract Retention Payable	0.00	
Contract Retention Interest Payable	0.00	
Accounts Payable	<u>0.00</u>	
 TOTAL MONTHLY EXPENSES		 <u>(\$753,547.32)</u>
 ENDING CASH BALANCE:		 <u><u>\$7,465,565.13</u></u>

**Regional Flood Control District  
 Monthly Expenditures  
 Maintenance Work Program  
 3/1/2018 to 3/31/2018**

**Fiscal Year - 2018**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
ATKINS NORTH AMERICA INC	RF.HN69	1876873	02/27/2018	4500267163	03/08/2018	\$1,792.86
CH2M HILL ENGINEERS INC	RF.HN65	381135219	02/20/2018	4500266501	03/06/2018	\$466.63
CH2M HILL ENGINEERS INC	RF.HN66	381135219	02/20/2018	4500266501	03/06/2018	\$311.09
CH2M HILL ENGINEERS INC	RF.HN67	381135219	02/20/2018	4500266501	03/06/2018	\$155.55
CH2M HILL ENGINEERS INC	RF.HN69	381135219	02/20/2018	4500266501	03/06/2018	\$155.55
CH2M HILL ENGINEERS INC	RF.HN71	381135219	02/20/2018	4500266501	03/06/2018	\$311.09
CH2M HILL ENGINEERS INC	RF.HN72	381135219	02/20/2018	4500266501	03/06/2018	\$311.09
CITY OF HENDERSON	RF.HN65	MSC5028791	02/28/2018	4500266163	03/12/2018	\$773.48
CITY OF HENDERSON	RF.HN65	MSC5028791	02/28/2018	4500266163	03/12/2018	\$110.17
CITY OF HENDERSON	RF.HN65	MSC5028791	02/28/2018	4500266163	03/12/2018	\$8,867.54
CITY OF HENDERSON	RF.HN65	MSC5028791	02/28/2018	4500266163	03/12/2018	\$4,063.10
CITY OF HENDERSON	RF.HN65	MSC5028791	02/28/2018	4500266163	03/12/2018	\$1,089.28
CITY OF HENDERSON	RF.HN65	MSC5028792	02/28/2018	4500266163	03/12/2018	\$5,214.66
CITY OF HENDERSON	RF.HN65	MSC5028942	03/22/2018	4500266163	03/30/2018	\$3,015.18
CITY OF HENDERSON	RF.HN65	MSC5028943	03/22/2018	4500266163	03/29/2018	\$95.66
CITY OF HENDERSON	RF.HN65	MSC5028943	03/22/2018	4500266163	03/29/2018	\$154.21
CITY OF HENDERSON	RF.HN66	MSC5028791	02/28/2018	4500266163	03/12/2018	\$34.85
CITY OF HENDERSON	RF.HN66	MSC5028791	02/28/2018	4500266163	03/12/2018	\$3,429.15
CITY OF HENDERSON	RF.HN66	MSC5028792	02/28/2018	4500266163	03/12/2018	\$5,715.03
CITY OF HENDERSON	RF.HN66	MSC5028942	03/22/2018	4500266163	03/30/2018	\$2,997.21
CITY OF HENDERSON	RF.HN66	MSC5028943	03/22/2018	4500266163	03/29/2018	\$245.72
CITY OF HENDERSON	RF.HN67	MSC5028750	02/26/2018	4500266163	03/06/2018	\$1,530.00
CITY OF HENDERSON	RF.HN67	MSC5028751	02/26/2018	4500266163	03/06/2018	\$7,470.00
CITY OF HENDERSON	RF.HN67	MSC5028791	02/28/2018	4500266163	03/12/2018	\$1,369.78
CITY OF HENDERSON	RF.HN67	MSC5028791	02/28/2018	4500266163	03/12/2018	\$2,655.75
CITY OF HENDERSON	RF.HN67	MSC5028791	02/28/2018	4500266163	03/12/2018	\$23,665.34
CITY OF HENDERSON	RF.HN67	MSC5028791	02/28/2018	4500266163	03/12/2018	\$7,472.40
CITY OF HENDERSON	RF.HN67	MSC5028792	02/28/2018	4500266163	03/12/2018	\$2,139.11
CITY OF HENDERSON	RF.HN67	MSC5028879	03/08/2018	4500266163	03/16/2018	\$5,720.00
CITY OF HENDERSON	RF.HN67	MSC5028942	03/22/2018	4500266163	03/30/2018	\$3,020.12
CITY OF HENDERSON	RF.HN67	MSC5028943	03/22/2018	4500266163	03/29/2018	\$446.91
CITY OF HENDERSON	RF.HN67	MSC5028943	03/22/2018	4500266163	03/29/2018	\$3,738.62
CITY OF HENDERSON	RF.HN67	MSC5028943	03/22/2018	4500266163	03/29/2018	\$251.85
CITY OF HENDERSON	RF.HN67	MSC5028943	03/22/2018	4500266163	03/29/2018	\$1,560.42
CITY OF HENDERSON	RF.HN67	MSC5028943	03/22/2018	4500266163	03/29/2018	\$1,009.55

**Regional Flood Control District  
Monthly Expenditures  
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<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.HN67	MSC5028943	03/22/2018	4500266163	03/29/2018	\$2,917.69
CITY OF HENDERSON	RF.HN67	MSC5028943	03/22/2018	4500266163	03/29/2018	\$20,658.67
CITY OF HENDERSON	RF.HN68	MSC5028791	02/28/2018	4500266163	03/12/2018	\$266.20
CITY OF HENDERSON	RF.HN68	MSC5028791	02/28/2018	4500266163	03/12/2018	\$1,223.70
CITY OF HENDERSON	RF.HN68	MSC5028791	02/28/2018	4500266163	03/12/2018	\$1,449.96
CITY OF HENDERSON	RF.HN68	MSC5028792	02/28/2018	4500266163	03/12/2018	\$2,280.60
CITY OF HENDERSON	RF.HN68	MSC5028942	03/22/2018	4500266163	03/30/2018	\$2,161.18
CITY OF HENDERSON	RF.HN68	MSC5028943	03/22/2018	4500266163	03/29/2018	\$451.83
CITY OF HENDERSON	RF.HN69	MSC5028750	02/26/2018	4500266163	03/06/2018	\$630.00
CITY OF HENDERSON	RF.HN69	MSC5028750	02/26/2018	4500266163	03/06/2018	\$1,400.00
CITY OF HENDERSON	RF.HN69	MSC5028750	02/26/2018	4500266163	03/06/2018	\$2,070.00
CITY OF HENDERSON	RF.HN69	MSC5028791	02/28/2018	4500266163	03/12/2018	\$193.73
CITY OF HENDERSON	RF.HN69	MSC5028791	02/28/2018	4500266163	03/12/2018	\$183.15
CITY OF HENDERSON	RF.HN69	MSC5028791	02/28/2018	4500266163	03/12/2018	\$1,367.86
CITY OF HENDERSON	RF.HN69	MSC5028792	02/28/2018	4500266163	03/12/2018	\$2,795.77
CITY OF HENDERSON	RF.HN69	MSC5028879	03/08/2018	4500266163	03/16/2018	\$1,980.00
CITY OF HENDERSON	RF.HN69	MSC5028879	03/08/2018	4500266163	03/16/2018	\$99.50
CITY OF HENDERSON	RF.HN69	MSC5028942	03/22/2018	4500266163	03/30/2018	\$3,199.47
CITY OF HENDERSON	RF.HN69	MSC5028943	03/22/2018	4500266163	03/29/2018	\$594.61
CITY OF HENDERSON	RF.HN69	MSC5028943	03/22/2018	4500266163	03/29/2018	\$9,379.44
CITY OF HENDERSON	RF.HN69	MSC5028943	03/22/2018	4500266163	03/29/2018	\$1,374.94
CITY OF HENDERSON	RF.HN69	MSC5028943	03/22/2018	4500266163	03/29/2018	\$694.17
CITY OF HENDERSON	RF.HN69	MSC5028943	03/22/2018	4500266163	03/29/2018	\$102.15
CITY OF HENDERSON	RF.HN69	MSC5028943	03/22/2018	4500266163	03/29/2018	\$2,288.80
CITY OF HENDERSON	RF.HN69	MSC5028943	03/22/2018	4500266163	03/29/2018	\$3,140.75
CITY OF HENDERSON	RF.HN70	MSC5028791	02/28/2018	4500266163	03/12/2018	\$189.30
CITY OF HENDERSON	RF.HN70	MSC5028791	02/28/2018	4500266163	03/12/2018	\$49.15
CITY OF HENDERSON	RF.HN70	MSC5028791	02/28/2018	4500266163	03/12/2018	\$1,119.73
CITY OF HENDERSON	RF.HN70	MSC5028792	02/28/2018	4500266163	03/12/2018	\$2,139.11
CITY OF HENDERSON	RF.HN70	MSC5028942	03/22/2018	4500266163	03/30/2018	\$2,656.44
CITY OF HENDERSON	RF.HN71	MSC5028792	02/28/2018	4500266163	03/12/2018	\$2,306.03
CITY OF HENDERSON	RF.HN71	MSC5028942	03/22/2018	4500266163	03/30/2018	\$2,363.44
CITY OF HENDERSON	RF.HN71	MSC5028943	03/22/2018	4500266163	03/29/2018	\$105.38
CITY OF HENDERSON	RF.HN71	MSC5028943	03/22/2018	4500266163	03/29/2018	\$370.26
CITY OF HENDERSON	RF.HN71	MSC5028943	03/22/2018	4500266163	03/29/2018	\$927.30
CITY OF HENDERSON	RF.HN71	MSC5028943	03/22/2018	4500266163	03/29/2018	\$484.44
CITY OF HENDERSON	RF.HN71	MSC5028943	03/22/2018	4500266163	03/29/2018	\$357.13

**Regional Flood Control District  
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CITY OF HENDERSON	RF.HN72	MSC5028751	02/26/2018	4500266163	03/06/2018	\$160.81
CITY OF HENDERSON	RF.HN72	MSC5028791	02/28/2018	4500266163	03/12/2018	\$204.36
CITY OF HENDERSON	RF.HN72	MSC5028791	02/28/2018	4500266163	03/12/2018	\$49.15
CITY OF HENDERSON	RF.HN72	MSC5028791	02/28/2018	4500266163	03/12/2018	\$3,215.29
CITY OF HENDERSON	RF.HN72	MSC5028791	02/28/2018	4500266163	03/12/2018	\$3,047.80
CITY OF HENDERSON	RF.HN72	MSC5028792	02/28/2018	4500266163	03/12/2018	\$2,127.66
CITY OF HENDERSON	RF.HN72	MSC5028942	03/22/2018	4500266163	03/30/2018	\$2,363.43
CITY OF HENDERSON	RF.HN72	MSC5028943	03/22/2018	4500266163	03/29/2018	\$189.22
CITY OF HENDERSON	RF.HN72	MSC5028943	03/22/2018	4500266163	03/29/2018	\$225.04
CITY OF HENDERSON	RF.HN72	MSC5028943	03/22/2018	4500266163	03/29/2018	\$299.66
CITY OF HENDERSON	RF.HN72	MSC5028943	03/22/2018	4500266163	03/29/2018	\$470.41
CITY OF HENDERSON	RF.HN72	MSC5028943	03/22/2018	4500266163	03/29/2018	\$551.52
CITY OF HENDERSON	RF.HN73	MSC5028792	02/28/2018	4500266163	03/12/2018	\$1,664.29
CITY OF HENDERSON	RF.HN73	MSC5028942	03/22/2018	4500266163	03/30/2018	\$1,794.85
CITY OF LAS VEGAS	RF.LV51	252084	02/26/2018	4500268889	03/12/2018	\$2,820.61
CITY OF LAS VEGAS	RF.LV51	253338	03/13/2018	4500268889	03/22/2018	\$3,037.58
CITY OF LAS VEGAS	RF.LV52	252084	02/26/2018	4500268889	03/12/2018	\$3,331.45
CITY OF LAS VEGAS	RF.LV52	253338	03/13/2018	4500268889	03/22/2018	\$5,508.50
CITY OF LAS VEGAS	RF.LV52	253338	03/13/2018	4500268889	03/22/2018	\$6,455.02
CITY OF LAS VEGAS	RF.LV53	252084	02/26/2018	4500268889	03/12/2018	\$3,162.63
CITY OF LAS VEGAS	RF.LV53	253338	03/13/2018	4500268889	03/22/2018	\$3,137.46
CITY OF LAS VEGAS	RF.LV54	252084	02/26/2018	4500268889	03/12/2018	\$232.81
CITY OF LAS VEGAS	RF.LV54	253338	03/13/2018	4500268889	03/22/2018	\$419.07
CITY OF LAS VEGAS	RF.LV55	252084	02/26/2018	4500268889	03/12/2018	\$232.81
CITY OF LAS VEGAS	RF.LV55	253338	03/13/2018	4500268889	03/22/2018	\$4,951.20
CITY OF LAS VEGAS	RF.LV57	252084	02/26/2018	4500268889	03/12/2018	\$227.50
CITY OF LAS VEGAS	RF.LV57	252084	02/26/2018	4500268889	03/12/2018	\$1,287.11
CITY OF LAS VEGAS	RF.LV57	253338	03/13/2018	4500268889	03/22/2018	\$343,404.06
CITY OF LAS VEGAS	RF.LV57	253338	03/13/2018	4500268889	03/22/2018	\$2,818.02
CITY OF NORTH LAS VEGAS	RF.NL01	352606	02/20/2018	4500267167	03/06/2018	\$1,715.56
CITY OF NORTH LAS VEGAS	RF.NL02	352606	02/20/2018	4500267167	03/06/2018	\$1,195.00
CITY OF NORTH LAS VEGAS	RF.NL02	352606	02/20/2018	4500267167	03/06/2018	\$5,855.22
CITY OF NORTH LAS VEGAS	RF.NL02	352606	02/20/2018	4500267167	03/06/2018	\$1,171.05
CITY OF NORTH LAS VEGAS	RF.NL04	352606	02/20/2018	4500267167	03/06/2018	\$38,539.81
CITY OF NORTH LAS VEGAS	RF.NL04	352606	02/20/2018	4500267167	03/06/2018	\$803.57
CITY OF NORTH LAS VEGAS	RF.NL04	352606	02/20/2018	4500267167	03/06/2018	\$2,080.47
CITY OF NORTH LAS VEGAS	RF.NL04	352606	02/20/2018	4500267167	03/06/2018	\$833.90

**Regional Flood Control District  
 Monthly Expenditures  
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CITY OF NORTH LAS VEGAS	RF.NL05	352606	02/20/2018	4500267167	03/06/2018	\$296.12
CITY OF NORTH LAS VEGAS	RF.NL07	352606	02/20/2018	4500267167	03/06/2018	\$1,105.19
CITY OF NORTH LAS VEGAS	RF.NL08	352606	02/20/2018	4500267167	03/06/2018	\$1,248.40
CITY OF NORTH LAS VEGAS	RF.NL11	352606	02/20/2018	4500267167	03/06/2018	\$1,238.76
CITY OF NORTH LAS VEGAS	RF.NL12	352606	02/20/2018	4500267167	03/06/2018	\$1,049.93
CITY OF NORTH LAS VEGAS	RF.NL13	352606	02/20/2018	4500267167	03/06/2018	\$4,691.99
CITY OF NORTH LAS VEGAS	RF.NL16	352606	02/20/2018	4500267167	03/06/2018	\$1,127.10
CITY OF NORTH LAS VEGAS	RF.NL19	352606	02/20/2018	4500267167	03/06/2018	\$71,275.22
CITY OF NORTH LAS VEGAS	RF.NL19	352606	02/20/2018	4500267167	03/06/2018	\$21,510.88
PUBLIC WORKS/CC TREAS	RF.CC01	4018000102	03/31/2018	none	03/31/2018	\$10,600.00
PUBLIC WORKS/CC TREAS	RF.CC02	4018000103	03/31/2018	none	03/31/2018	\$850.00
PUBLIC WORKS/CC TREAS	RF.CC03	4018000104	03/31/2018	none	03/31/2018	\$3,289.00
PUBLIC WORKS/CC TREAS	RF.CC05	4018000105	03/31/2018	none	03/31/2018	\$1,700.00
PUBLIC WORKS/CC TREAS	RF.CC06	4018000106	03/31/2018	none	03/31/2018	\$3,650.00
PUBLIC WORKS/CC TREAS	RF.CC09	4018000107	03/31/2018	none	03/31/2018	\$450.00
PUBLIC WORKS/CC TREAS	RF.CC16	4018000108	03/31/2018	none	03/31/2018	\$850.00
PUBLIC WORKS/CC TREAS	RF.CC19	4018000109	03/31/2018	none	03/31/2018	\$850.00
PUBLIC WORKS/CC TREAS	RF.CC21	4018000110	03/31/2018	none	03/31/2018	\$850.00
<b>Total Expenditures</b>						<u>\$753,547.32</u>
<b>Grand Total</b>						<u><u>\$753,547.32</u></u>

**Regional Flood Control District  
Maintenance Work Program Status Report - Fiscal Year 2018**

**Boulder City**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.BC01	Hemenway Watershed	\$150,000.00	\$90,691.01	\$59,308.99
RF.BC02	Georgia/Buchanan Watershed	\$87,350.00	\$6,607.84	\$80,742.16
RF.BC03	North Railroad Watershed	\$36,650.00	\$6,160.29	\$30,489.71
RF.BC04	West Airport Watershed	\$26,000.00	\$3,111.71	\$22,888.29
		<b>\$300,000.00</b>	<b>\$106,570.85</b>	<b>\$193,429.15</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	\$919,200.00	\$349,153.41	\$570,046.59
RF.CC02	Las Vegas Wash	\$311,500.00	\$12,583.56	\$298,916.44
RF.CC03	Duck Creek	\$378,500.00	\$155,848.71	\$222,651.29
RF.CC05	Las Vegas Range Wash	\$625,300.00	\$105,589.44	\$519,710.56
RF.CC06	Tropicana Wash	\$276,500.00	\$62,399.63	\$214,100.37
RF.CC07	Airport Channel	\$48,000.00	\$9,512.93	\$38,487.07
RF.CC08	Monson Channel	\$94,700.00	\$5,296.64	\$89,403.36
RF.CC09	Rawhide Channel	\$89,000.00	\$5,803.75	\$83,196.25
RF.CC10	Van Buskirk Channel	\$22,000.00	\$14,053.21	\$7,946.79
RF.CC11	Flamingo Wash North Fork	\$44,000.00	\$18,718.68	\$25,281.32
RF.CC14	Laughlin Washes	\$36,000.00	\$4,120.76	\$31,879.24
RF.CC15	Moapa Valley	\$237,800.00	\$96,306.10	\$141,493.90
RF.CC16	Blue Diamond Wash	\$248,000.00	\$127,555.15	\$120,444.85
RF.CC17	Searchlight	\$2,000.00	\$288.83	\$1,711.17
RF.CC18	Bunkerville	\$33,200.00	\$16,773.17	\$16,426.83
RF.CC19	Pittman Wash	\$42,500.00	\$11,550.42	\$30,949.58
RF.CC20	Indian Springs	\$9,000.00	\$1,554.03	\$7,445.97
RF.CC21	Northern Beltway Channels	\$70,000.00	\$10,864.89	\$59,135.11
		<b>\$3,487,200.00</b>	<b>\$1,007,973.31</b>	<b>\$2,479,226.69</b>

**Henderson**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN65	C1 North	\$173,354.75	\$125,928.52	\$47,426.23
RF.HN66	C1 South	\$1,144,484.57	\$66,845.15	\$1,077,639.42
RF.HN67	Pittman Central NE	\$111,907.03	\$95,617.62	\$16,289.41
RF.HN68	Pittman Central SE	\$26,404.52	\$26,262.18	\$142.34
RF.HN69	Pittman Central NW	\$128,448.76	\$114,550.30	\$13,898.46
RF.HN70	Pittman Central SW	\$89,016.97	\$89,016.97	\$0.00
RF.HN71	Pittman Anthem Inspirada	\$21,379.83	\$18,060.22	\$3,319.61
RF.HN72	Pittman Seven Hills	\$59,612.89	\$55,784.65	\$3,828.24
RF.HN73	Pittman West Henderson	\$6,940.68	\$6,940.68	\$0.00
		<b>\$1,761,550.00</b>	<b>\$599,006.29</b>	<b>\$1,162,543.71</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	\$50,000.00	\$36,831.30	\$13,168.70
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$600,000.00	\$185,759.87	\$414,240.13
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	\$50,000.00	\$22,382.28	\$27,617.72

## Regional Flood Control District

### Maintenance Work Program Status Report - Fiscal Year 2018

<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	\$159,527.81	\$540,472.19
RF.LV55	Meadows/Oakey System	\$100,000.00	\$14,773.00	\$85,227.00
RF.LV56	Washington Ave/LV Creek	\$225,000.00	\$17,442.35	\$207,557.65
RF.LV57	US95/Outer Beltway/Ann Road System	\$1,100,000.00	\$674,948.73	\$425,051.27
		<b>\$2,825,000.00</b>	<b>\$1,111,665.34</b>	<b>\$1,713,334.66</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	\$15,425.52	\$3,574.48
RF.ME02	Abbott Wash Channel	\$14,300.00	\$7,367.56	\$6,932.44
RF.ME04	Town Wash Detention Basin	\$202,400.00	\$158,342.65	\$44,057.35
RF.ME07	Pulsipher Wash	\$15,052.50	\$9,224.96	\$5,827.54
RF.ME08	Abbott Wash Detention Basin	\$67,241.25	\$66,541.25	\$700.00
RF.ME09	Pulsipher Wash Detention Basin	\$16,806.25	\$15,031.25	\$1,775.00
		<b>\$334,800.00</b>	<b>\$271,933.19</b>	<b>\$62,866.81</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	\$77,575.00	\$42,449.59	\$35,125.41
RF.NL02	Las Vegas Wash-Middle	\$152,571.00	\$111,607.38	\$40,963.62
RF.NL03	LV Wash-King Charles Channel	\$43,490.53	\$2,068.32	\$41,422.21
RF.NL04	Vandenberg Detention Basin	\$525,635.87	\$481,747.84	\$43,888.03
RF.NL05	North Las Vegas Detention Basin	\$51,459.79	\$3,031.48	\$48,428.31
RF.NL06	Upper LVW DB & Moccasin Levee	\$61,500.00	\$12,888.97	\$48,611.03
RF.NL07	Carey/Lake Mead Detention Basin	\$73,071.00	\$28,966.23	\$44,104.77
RF.NL08	Gowan Outfall Channel	\$48,531.19	\$10,905.34	\$37,625.85
RF.NL10	Upper Las Vegas Wash	\$23,000.00	\$5,221.70	\$17,778.30
RF.NL11	Clayton Street Channel	\$39,878.06	\$6,937.42	\$32,940.64
RF.NL12	Lower Las Vegas Detention Basin	\$109,111.21	\$61,352.30	\$47,758.91
RF.NL13	West Trib-Ranch House to Lower LV DB	\$80,435.54	\$61,380.21	\$19,055.33
RF.NL14	Trib to Western Trib @ Craig Rd	\$46,380.23	\$15,741.37	\$30,638.86
RF.NL15	Las Vegas Wash-Smoke Ranch	\$39,971.00	\$10,823.14	\$29,147.86
RF.NL16	Upper Las Vegas Wash Channel	\$39,709.97	\$11,097.59	\$28,612.38
RF.NL17	Range Wash-LVW Diversion & Levee	\$41,426.23	\$250.37	\$41,175.86
RF.NL18	Cheyenne Peaking Basin	\$47,376.39	\$12,101.51	\$35,274.88
RF.NL19	LVW-Middle, Cheyenne Ave to Owens Ave	\$216,376.99	\$188,354.97	\$28,022.02
		<b>\$1,717,500.00</b>	<b>\$1,066,925.73</b>	<b>\$650,574.27</b>

<b>Program Total</b>	<b>\$10,426,050.00</b>	<b>\$4,164,074.71</b>	<b>\$6,261,975.29</b>
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**REGIONAL FLOOD CONTROL DISTRICT  
 FUND 3300 - BOND DEBT SERVICE FUND  
 FUND BALANCE REPORT  
 MARCH 2018**

BEGINNING CASH BALANCE	14,010,755.39	
Accruals/Adjustments	<u>0.00</u>	
<b>TOTAL BEGINNING CASH BALANCE</b>		<b>\$14,010,755.39</b>
<b>REVENUES:</b>		
Interest Income	20,133.22	
Fund 2860 - Transfer In Debt Service	3,302,766.05	
Bonds Issued	0.00	
Premium on Bonds Issued	0.00	
Miscellaneous Other Revenue	0.00	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	<u>0.00</u>	
<b>TOTAL MONTHLY REVENUES</b>		<b>\$3,322,899.27</b>
<b>EXPENDITURES:</b>		
Professional Services	0.00	
Debt Service Payments*	0.00	
Payments to Escrow Agent	0.00	
Transfers Out to Other Funds	0.00	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	<u>0.00</u>	
<b>TOTAL MONTHLY EXPENSES</b>		<b><u>\$0.00</u></b>
<b>ENDING CASH BALANCE:</b>		<b><u><u>\$17,333,654.66</u></u></b>

\*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 2018

BEGINNING CASH BALANCE:

Cash in Custody of Treasurer	120,830,917.41
Custodial Account Cash Balance	20,440,476.14
Accruals/Adjustments	0.00

TOTAL BEGINNING CASH BALANCE \$141,271,393.55

REVENUES:

Fund 2860 - Transfer In Budgeted Transfer	4,580,000.00
Fund 3300 - Transfer In Bond Proceeds	0.00
Custodial Account - Transfer In to Treasurer	0.00
Interest Earnings	141,327.58
Custodial Account Interest Earnings	0.00
Proceeds from Bonds and Loans	0.00
Miscellaneous Other Revenue	0.00
Accruals/Adjustments	0.00
Miscellaneous Accruals/Adjustments	0.00

TOTAL MONTHLY REVENUES \$4,721,327.58

EXPENDITURES:

Capital Improvement Program	(3,710,063.76)
Professional Services	0.00
Project Reimbursements	0.00
Fund 2860 - Transfer Out Interest Earnings	(6,056.57)
Fund 2860 - Transfer Out ILA Closeout/Reductions	0.00
Custodial Account - Transfer Out to Treasurer	0.00
Accruals/Adjustments	0.00
Contracts Retention Payable	0.00
Contracts Retention Interest Payable	0.00
Accounts Payable	(270.00)
Miscellaneous Accruals/Adjustments	0.00

TOTAL MONTHLY EXPENDITURES (\$3,716,390.33)

ENDING CASH BALANCE:

Cash in Custody of Treasurer	121,835,854.66
Custodial Account Cash Balance	20,440,476.14

ENDING CASH BALANCE: \$142,276,330.80

**Regional Flood Control District  
 Monthly Expenditures  
 Capital Improvement Program  
 3/1/2018 to 3/31/2018**

**Fund 4430**

**Fiscal Year 2018**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF HENDERSON	RF.HEN05E09	MSC5028798	02/28/2018	4800002768 00010	03/12/2018	\$454.27
CITY OF HENDERSON	RF.HEN05E09	MSC5028946	03/22/2018	4800002768 00010	03/30/2018	\$286.92
CITY OF HENDERSON	RF.HEN06H09	MSC5028797	02/28/2018	4800002480 00010	03/12/2018	\$482.16
CITY OF HENDERSON	RF.HEN06H09	MSC5028947	03/22/2018	4800002480 00010	03/30/2018	\$47.82
CITY OF HENDERSON	RF.HEN16A01	MSC5028793	02/28/2018	4800001182 00010	03/12/2018	\$7,369.38
CITY OF HENDERSON	RF.HEN16A01	MSC5028800	02/28/2018	4800001182 00010	03/12/2018	\$23.92
CITY OF HENDERSON	RF.HEN16A01	MSC5028801	02/28/2018	4800001182 00010	03/30/2018	\$597.72
CITY OF HENDERSON	RF.HEN16A01	MSC5028944	03/22/2018	4800001182 00010	03/30/2018	\$2,439.25
CITY OF HENDERSON	RF.HEN16E15	MSC5028799	02/28/2018	4800007841 00010	03/12/2018	\$536.14
CITY OF HENDERSON	RF.HEN16F17	MSC5028850	02/01/2018	4800008512 00010	03/16/2018	\$327.96
CITY OF HENDERSON	RF.HEN16F17	MSC5028945	03/22/2018	4800008512 00010	03/30/2018	\$1,039.09
CITY OF HENDERSON	RF.HEN22A09	MSC5028794	02/28/2018	4800002398 00010	03/12/2018	\$95.65
CITY OF HENDERSON	RF.HEN22A09	MSC5028948	03/22/2018	4800002398 00010	03/30/2018	\$95.63
CITY OF HENDERSON	RF.HEN23A09	MSC5028796	02/28/2018	4800002478 00010	03/12/2018	\$286.88
CITY OF HENDERSON	RF.HEN23A09	MSC5028950	03/22/2018	4800002478 00010	03/30/2018	\$191.28
CITY OF HENDERSON	RF.HEN05G16	MSC5028803	02/28/2018	4800007531 00010	03/12/2018	\$464.77
CITY OF HENDERSON	RF.HEN05G16	MSC5028951	03/22/2018	4800007531 00010	03/30/2018	\$1,746.25
CITY OF LAS VEGAS	RF.LAS16P15	252092	02/26/2018	4800007389 00010	03/12/2018	\$11,361.34
CITY OF LAS VEGAS	RF.LAS16P15	253239	03/13/2018	4800007389 00010	03/22/2018	\$18,634.24
CITY OF LAS VEGAS	RF.LAS22S13	252086	02/26/2018	4800005745 00020	03/16/2018	\$7,724.85
CITY OF LAS VEGAS	RF.LAS22S13	253299	03/13/2018	4800005745 00020	03/22/2018	\$5,954.93
CITY OF LAS VEGAS	RF.LAS22T15	252094	02/26/2018	4800007190 00010	03/12/2018	\$221,556.14
CITY OF LAS VEGAS	RF.LAS22T15	253277	03/13/2018	4800007190 00010	03/22/2018	\$30,356.80
CITY OF LAS VEGAS	RF.LAS23G15	252095	02/26/2018	4800007191 00010	03/12/2018	\$5,751.68
CITY OF LAS VEGAS	RF.LAS23G15	253257	03/13/2018	4800007191 00010	03/22/2018	\$6,867.62
CITY OF LAS VEGAS	RF.LAS23H15	252089	02/26/2018	4800007390 00010	03/12/2018	\$1,910.97
CITY OF LAS VEGAS	RF.LAS23H15	253297	03/13/2018	4800007390 00010	03/22/2018	\$2,951.60
CITY OF LAS VEGAS	RF.LAS23I17	253238	03/13/2018	4800008135 00010	03/22/2018	\$896.16
CITY OF LAS VEGAS	RF.LAS24H13	252087	02/26/2018	4800005747 00020	03/12/2018	\$4,226.55
CITY OF LAS VEGAS	RF.LAS24H13	253317	03/13/2018	4800005747 00020	03/22/2018	\$27,450.25
CITY OF LAS VEGAS	RF.LAS24I15	252091	02/26/2018	4800007188 00010	03/12/2018	\$17,548.44
CITY OF LAS VEGAS	RF.LAS24I15	253197	03/13/2018	4800007188 00010	03/22/2018	\$2,512.77
CITY OF LAS VEGAS	RF.LAS24J15	252093	02/26/2018	4800007189 00010	03/12/2018	\$1,375.72
CITY OF LAS VEGAS	RF.LAS24J15	253217	03/13/2018	4800007189 00010	03/22/2018	\$2,536.56

**Regional Flood Control District  
 Monthly Expenditures  
 Capital Improvement Program  
 3/1/2018 to 3/31/2018**

<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 LAS VEGAS	RF.LAS28C12	252085	02/26/2018	4800005013 00010	03/12/2018	\$1,379.62
CITY OF LAS VEGAS	RF.LAS28C12	253318	03/13/2018	4800005013 00010	03/22/2018	\$659.51
CITY OF LAS VEGAS	RF.LAS29B15	252090	02/26/2018	4800007391 00010	03/12/2018	\$18,067.89
CITY OF LAS VEGAS	RF.LAS29B15	253177	03/13/2018	4800007391 00010	03/22/2018	\$2,136.37
CITY OF LAS VEGAS	RF.LAS29C16	253437	03/13/2018	4500255470 00010	03/22/2018	\$102,567.05
CITY OF LAS VEGAS	RF.LAS14D14	252088	02/26/2018	4800006033 00010	03/12/2018	\$1,662,395.73
CITY OF LAS VEGAS	RF.LAS14D14	252088	02/26/2018	4800006033 00020	03/12/2018	\$53,984.42
CITY OF LAS VEGAS	RF.LAS14D14	253298	03/13/2018	4800006033 00020	03/22/2018	\$131,046.41
CITY OF NORTH LAS VEGAS	RF.NLV03E13	8727	02/20/2018	4800006067 00010	03/08/2018	\$56,257.52
CITY OF NORTH LAS VEGAS	RF.NLV03E13	8727	02/20/2018	4800006067 00030	03/08/2018	\$56.66
CITY OF NORTH LAS VEGAS	RF.NLV03E13	8776A	03/14/2018	4800006067 00010	03/27/2018	\$2,485.83
CITY OF NORTH LAS VEGAS	RF.NLV03F17	8732	02/20/2018	4800008161 00010	03/08/2018	\$2,352.83
CITY OF NORTH LAS VEGAS	RF.NLV03F17	8732	02/20/2018	4800008161 00030	03/08/2018	\$869.74
CITY OF NORTH LAS VEGAS	RF.NLV03F17	8781	03/14/2018	4800008161 00010	03/27/2018	\$4,644.00
CITY OF NORTH LAS VEGAS	RF.NLV03F17	8781	03/14/2018	4800008161 00030	03/27/2018	\$4,974.65
CITY OF NORTH LAS VEGAS	RF.NLV03G17	8731	02/20/2018	4800008160 00010	03/08/2018	\$968.58
CITY OF NORTH LAS VEGAS	RF.NLV03G17	8780A	03/14/2018	4800008160 00010	03/27/2018	\$31,658.96
CITY OF NORTH LAS VEGAS	RF.NLV04K17	8733	02/20/2018	4800008195 00010	03/08/2018	\$23,314.42
CITY OF NORTH LAS VEGAS	RF.NLV04K17	8782	03/14/2018	4800008195 00010	03/27/2018	\$93,280.32
CITY OF NORTH LAS VEGAS	RF.NLV09E11	8725	02/20/2018	4800004139 00020	03/08/2018	\$310.57
CITY OF NORTH LAS VEGAS	RF.NLV09E11	8725	02/20/2018	4800004139 00030	03/08/2018	\$76,139.01
CITY OF NORTH LAS VEGAS	RF.NLV09E11	8774	03/14/2018	4800004139 00020	03/27/2018	\$56.67
CITY OF NORTH LAS VEGAS	RF.NLV09E11	8774	03/14/2018	4800004139 00030	03/27/2018	\$3,254.52
CITY OF NORTH LAS VEGAS	RF.NLV09I13	8726	02/20/2018	4800006141 00010	03/08/2018	\$118,550.36
CITY OF NORTH LAS VEGAS	RF.NLV09I13	8726	02/20/2018	4800006141 00030	03/08/2018	\$1,937.19
CITY OF NORTH LAS VEGAS	RF.NLV09I13	8775A	03/14/2018	4800006141 00010	03/27/2018	\$30,477.61
CITY OF NORTH LAS VEGAS	RF.NLV09I13	8775A	03/14/2018	4800006141 00030	03/27/2018	\$6,495.40
CITY OF NORTH LAS VEGAS	RF.NLV17C16	8730	02/20/2018	4800007933 00010	03/08/2018	\$9,303.97
CITY OF NORTH LAS VEGAS	RF.NLV17C16	8779A	03/14/2018	4800007933 00010	03/27/2018	\$10,577.94
CITY OF NORTH LAS VEGAS	RF.NLV18F13	8728	02/20/2018	4800006034 00010	03/08/2018	\$1,895.00
CITY OF NORTH LAS VEGAS	RF.NLV18F13	8777A	03/15/2018	4800006034 00010	03/27/2018	\$2,202.50
CITY OF NORTH LAS VEGAS	RF.NLV18I16	8729	02/20/2018	4800008159 00010	03/08/2018	\$22,929.56
CITY OF NORTH LAS VEGAS	RF.NLV18I16	8729	02/20/2018	4800008159 00020	03/08/2018	\$26,084.37
CITY OF NORTH LAS VEGAS	RF.NLV18I16	8778A	03/15/2018	4800008159 00020	03/27/2018	\$27,409.16
PUBLIC WORKS/CC TREAS	RF.CLA04E99	1518098753	03/08/2018	none	03/08/2018	\$226.85
PUBLIC WORKS/CC TREAS	RF.CLA08W16	1518098105	03/07/2018	none	03/07/2018	\$99,807.26
PUBLIC WORKS/CC TREAS	RF.COEG294	1518095974	03/01/2018	none	03/01/2018	\$565,100.00

**Regional Flood Control District  
Monthly Expenditures  
Capital Improvement Program  
3/1/2018 to 3/31/2018**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
PUBLIC WORKS/CC TREAS	RF.COEG294	1518095974	03/01/2018	none	03/01/2018	\$3,190.00
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1518098765	03/08/2018	none	03/08/2018	\$1,537.41
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1518098765	03/08/2018	none	03/08/2018	\$1,910.15
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1518098766	03/08/2018	none	03/08/2018	\$635.16
PUBLIC WORKS/CC TREAS	RF.MOA03A11	1518098762	03/08/2018	none	03/08/2018	\$8,213.23
PUBLIC WORKS/CC TREAS	RF.MOA03A11	1518098762	03/08/2018	none	03/08/2018	\$1,153.75
PUBLIC WORKS/CC TREAS	RF.MOA03A11	1518103037	03/15/2018	none	03/15/2018	\$9,039.16
PUBLIC WORKS/CC TREAS	RF.MOA03A11	1518103038	03/15/2018	none	03/15/2018	\$2,483.08
PUBLIC WORKS/CC TREAS	RF.MOA03A11	1518103040	03/15/2018	none	03/15/2018	\$1,372.41
PUBLIC WORKS/CC TREAS	RF.MOA03A11	1518103041	03/15/2018	none	03/15/2018	\$9,111.46
PUBLIC WORKS/CC TREAS	RF.SEA03A09	1518098763	03/08/2018	none	03/08/2018	\$197.50
PUBLIC WORKS/CC TREAS	RF.CLA08T14	1518098147	03/07/2018	none	03/07/2018	\$19,775.80
PUBLIC WORKS/CC TREAS	RF.CLA08T14	1518101617	03/13/2018	none	03/13/2018	\$42,412.81
PUBLIC WORKS/CC TREAS	RF.CLA08T14	1518104644	03/20/2018	none	03/20/2018	\$5,729.46
PUBLIC WORKS/CC TREAS	RF.CLA08T14	1518104645	03/20/2018	none	03/20/2018	\$125.40
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1518095938	03/01/2018	none	03/01/2018	\$10,759.86
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1518108984	03/28/2018	none	03/28/2018	\$10,726.96
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	\$888.00
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	(\$888.00)
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	\$1,974.80
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	(\$1,974.80)
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	\$10,080.00
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	(\$10,080.00)
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	\$250.00
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	(\$250.00)
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	\$1,176.75
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	(\$1,176.75)
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	\$5,869.80
REGIONAL FLOOD CONTROL	RF.HEN16A01	1018055155	03/15/2018	none	03/15/2018	(\$5,869.80)
VTN NEVADA	RF.HEN16A01	7520#14A	03/08/2018	4800006059 00020	03/20/2018	(\$270.00)
<b>Fiscal Year Total</b>						<b>\$3,710,063.76</b>
<b>Fund Total</b>						<b>\$3,710,063.76</b>

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 4440 - CAPITAL IMPROVEMENTS BOND FUND  
 FUND BALANCE REPORT  
 MARCH 2018

BEGINNING CASH BALANCE:	13,997,299.92	
Accruals/Adjustments	0.00	
	<hr/>	
TOTAL BEGINNING CASH BALANCE		\$13,997,299.92
 REVENUES:		
Interest Income	15,817.52	
Proceeds from Bonds and Loans	0.00	
Other	0.00	
	<hr/>	
TOTAL MONTHLY REVENUES		\$15,817.52
 EXPENDITURES:		
Capital Improvement Program	(2,895,505.47)	
Professional Services	0.00	
Project Reimbursements	0.00	
Fund 4430 - Transfer Out Reallocated Expenses	0.00	
Accruals/Adjustments		
Contracts Retention Payable	142,374.29	
Contracts Retention Interest Payable	0.00	
Accounts Payable	0.00	
Miscellaneous Accruals/Adjustments	0.00	
	<hr/>	
TOTAL MONTHLY EXPENDITURES		<u>(\$2,753,131.18)</u>
 ENDING CASH BALANCE:		 <u><u>\$11,259,986.26</u></u>

**Regional Flood Control District  
 Monthly Expenditures  
 Capital Improvement Program  
 3/1/2018 to 3/31/2018**

**Fund 4440**

**Fiscal Year 2018**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF HENDERSON	RF.HEN23B16	MSC5028795	02/28/2018	4800008134 00010	03/12/2018	\$30,139.62
CITY OF HENDERSON	RF.HEN23B16	MSC5028949	03/22/2018	4800008134 00010	03/30/2018	\$17,880.09
LAS VEGAS PAVING CORP	RF.HEN23B16	HEN23B16#6	01/31/2018	4800008137 00010	03/22/2018	\$2,492,821.34
LAS VEGAS PAVING CORP	RF.HEN23B16	HEN23B16#7	02/28/2018	4800008137 00010	03/30/2018	\$354,664.42
<b>Fiscal Year Total</b>						<b>\$2,895,505.47</b>
<b>Fund Total</b>						<b>\$2,895,505.47</b>

## 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 01/14/2019**

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	\$730,000.00	\$568,792.34	\$161,207.66
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>\$576,519.01</b>	<b>\$168,480.99</b>

**BOU01D17**

**Hemenway System, Phase IIA Improvements**

**Interlocal Amount \$2,222,694.00**

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

**Expiration Date 02/09/2019**

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	\$2,047,694.00	\$0.00	\$2,047,694.00
Const Engineering	\$175,000.00	\$0.00	\$175,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,222,694.00</b>	<b>\$0.00</b>	<b>\$2,222,694.00</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	\$493,732.86	\$21,267.14
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>\$501,459.53</b>	<b>\$28,540.47</b>



## Current Project Expense Summary

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

**ENTITY: Clark County**

**CLA04E99**

**Flamingo Wash, McLeod Dr to Maryland PKWY**

**Interlocal Amount \$2,980,000.00**

**Original Funding Date 08/12/1999**

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$741,500.00	\$637,505.24	\$103,994.76
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,877,500.00	\$1,531,753.35	\$345,746.65
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>\$2,502,295.75</b>	<b>\$477,704.25</b>

**CLA08Q13**

**Duck Creek at Dean Martin**

**Interlocal Amount \$480,000.00**

**Original Funding Date 09/12/2013**

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$190,500.00	\$23,607.41	\$166,892.59
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$274,000.00	\$246,153.55	\$27,846.45
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>\$280,625.96</b>	<b>\$199,374.04</b>

**CLA08R13**

**Duck Creek, Las Vegas Boulevard**

**Interlocal Amount \$485,000.00**

**Original Funding Date 09/12/2013**

**Expiration Date 06/30/2018**

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	\$483,000.00	\$0.00	\$483,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$1,000.00	\$0.00	\$1,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$485,000.00</b>	<b>\$0.00</b>	<b>\$485,000.00</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	\$5,589.10	\$25,410.90
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,248,000.00	\$552,792.55	\$695,207.45
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$81,000.00	\$29,477.96	\$51,522.04
Other	\$10,000.00	\$0.00	\$10,000.00
<b>Total</b>	<b>\$1,370,000.00</b>	<b>\$587,859.61</b>	<b>\$782,140.39</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	\$2,921,429.18	\$551,427.82
Const Engineering	\$314,500.00	\$0.00	\$314,500.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,787,357.00</b>	<b>\$2,921,429.18</b>	<b>\$865,927.82</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 \$600,000.00**

**Original Funding Date 09/12/2013**  
**Expiration Date 06/30/2018**

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	\$579,000.00	\$220,971.01	\$358,028.99
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>\$600,000.00</b>	<b>\$222,059.01</b>	<b>\$377,940.99</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	\$5,291,000.00	\$4,612,934.78	\$678,065.22
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$220,000.00	\$94,464.74	\$125,535.26
Other	\$589,000.00	\$494,110.22	\$94,889.78
<b>Total</b>	<b>\$6,122,000.00</b>	<b>\$5,211,061.98</b>	<b>\$910,938.02</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	\$796,173.41	\$276,826.59
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$251,900.00	\$150,188.32	\$101,711.68
Other	\$26,800.00	\$20,081.83	\$6,718.17
<b>Total</b>	<b>\$1,799,700.00</b>	<b>\$1,348,567.12</b>	<b>\$451,132.88</b>

## Current Project Expense Summary

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

**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	\$11,521.30	\$21,478.70
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$897,000.00	\$768,277.22	\$128,722.78
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	\$61,412.54	\$28,587.46
<b>Total</b>	<b>\$1,030,000.00</b>	<b>\$850,002.15</b>	<b>\$179,997.85</b>

**CLD19A17**

**Katie Avenue Storm Drain - Local Drainage**

**Improvements**

**Interlocal Amount \$994,016.50**

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

**Expiration Date 06/30/2018**

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	\$210.85	(\$210.85)
Construction	\$994,016.50	\$0.00	\$994,016.50
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>\$994,016.50</b>	<b>\$210.85</b>	<b>\$993,805.65</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	\$0.00	\$2,330,000.00
Const Engineering	\$200,000.00	\$0.00	\$200,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,530,000.00</b>	<b>\$0.00</b>	<b>\$2,530,000.00</b>

## Current Project Expense Summary

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

**ENTITY: Clark County Outlying**

**BUN01D11**

**Windmill Wash Detention Basin Expansion**

**Original Funding Date 02/10/2011**

**Interlocal Amount \$880,000.00**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$39,000.00	\$32,052.15	\$6,947.85
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$658,000.00	\$595,571.05	\$62,428.95
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$176,000.00	\$168,347.97	\$7,652.03
Other	\$7,000.00	\$0.00	\$7,000.00
<b>Total</b>	<b>\$880,000.00</b>	<b>\$795,971.17</b>	<b>\$84,028.83</b>

**GSP01B10**

**Goodsprings - Phase I**

**Original Funding Date 03/11/2010**

**Interlocal Amount \$83,400.00**

**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**

**Original Funding Date 10/09/2008**

**Interlocal Amount \$473,500.00**

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$11,500.00	\$3,643.86	\$7,856.14
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$386,500.00	\$320,543.39	\$65,956.61
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$75,500.00	\$63,748.50	\$11,751.50
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$473,500.00</b>	<b>\$387,935.75</b>	<b>\$85,564.25</b>

## Current Project Expense Summary

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

**MOA01B89**

**Muddy River West Levee, Moapa Valley**

**Interlocal Amount \$13,501,000.00**

**Original Funding Date 05/11/1989**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$10,811,200.00	\$10,810,530.39	\$669.61
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,448,000.00	\$1,826,342.42	\$621,657.58
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>\$12,876,044.65</b>	<b>\$624,955.35</b>

**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	\$539,500.00	\$489,182.92	\$50,317.08
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$970,000.00	\$849,289.76	\$120,710.24
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$103,500.00	\$71,366.08	\$32,133.92
Other	\$140,000.00	\$67,725.62	\$72,274.38
<b>Total</b>	<b>\$1,753,000.00</b>	<b>\$1,477,564.38</b>	<b>\$275,435.62</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	\$6,731,520.00	\$1,168,480.00
Const Engineering	\$600,000.00	\$67,334.50	\$532,665.50
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$8,500,000.00</b>	<b>\$6,798,854.50</b>	<b>\$1,701,145.50</b>

## Current Project Expense Summary

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

**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	\$25,500.00	\$23,485.05	\$2,014.95
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$749,000.00	\$436,007.50	\$312,992.50
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>\$605,857.96</b>	<b>\$358,142.04</b>

**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>

## 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 12/31/2018**

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	\$584,276.26	\$70,526.79
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>\$721,758.21</b>	<b>\$70,526.79</b>



## Current Project Expense Summary

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

**HEN06H09**

**Equestrian Detention Basin Expansion**

**Interlocal Amount \$346,797.00**

**Original Funding Date 08/13/2009**

**Expiration Date 12/31/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$29,013.00	\$29,013.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$285,236.00	\$271,066.17	\$14,169.83
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$12,818.00	\$12,818.00	\$0.00
Other	\$19,730.00	\$7,164.50	\$12,565.50
<b>Total</b>	<b>\$346,797.00</b>	<b>\$320,061.67</b>	<b>\$26,735.33</b>

**HEN16A01**

**Pittman North Detention Basin & Outfall**

**Interlocal Amount \$2,181,514.00**

**Original Funding Date 07/12/2001**

**Expiration Date 12/31/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$122,389.00	\$108,800.68	\$13,588.32
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,556,327.00	\$1,505,989.37	\$50,337.63
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$424,281.00	\$396,769.90	\$27,511.10
Other	\$78,517.00	\$49,131.32	\$29,385.68
<b>Total</b>	<b>\$2,181,514.00</b>	<b>\$2,060,691.27</b>	<b>\$120,822.73</b>

**HEN16E15**

**Pittman North DB & Outfall, Phase II - Starr Avenue**

**Interlocal Amount \$2,000,321.00**

**Original Funding Date 10/08/2015**

**Expiration Date 06/30/2018**

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	\$1,852,096.00	\$1,805,345.52	\$46,750.48
Const Engineering	\$148,225.00	\$58,864.73	\$89,360.27
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,000,321.00</b>	<b>\$1,864,210.25</b>	<b>\$136,110.75</b>

## Current Project Expense Summary

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

**HEN16F17**

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

**Original Funding Date 07/13/2017**  
**Expiration Date 12/30/2019**

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	\$0.00	\$24,500,000.00
Const Engineering	\$1,200,000.00	\$1,367.05	\$1,198,632.95
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$25,700,000.00</b>	<b>\$1,367.05</b>	<b>\$25,698,632.95</b>

**HEN22A09**

**Anthem Pkwy Channel, Horizon Ridge to Sienna Heights**  
**Interlocal Amount \$179,474.00**

**Original Funding Date 07/09/2009**  
**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	\$169,474.00	\$88,248.21	\$81,225.79
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$5,000.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$179,474.00</b>	<b>\$93,248.21</b>	<b>\$86,225.79</b>

**HEN23A09**

**Center Street Storm Drain**  
**Interlocal Amount \$584,255.00**

**Original Funding Date 08/13/2009**  
**Expiration Date 12/31/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$13,870.00	\$13,870.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$548,855.00	\$527,535.96	\$21,319.04
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$21,530.00	\$21,530.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$584,255.00</b>	<b>\$562,935.96</b>	<b>\$21,319.04</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	\$987,907.57	\$75,602.43
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>\$989,700.44</b>	<b>\$83,809.56</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 01/01/2019**

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	\$2,174,100.00	\$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 \$554,000.00**

**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	\$550,000.00	\$500,726.69	\$49,273.31
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$554,000.00</b>	<b>\$500,726.69</b>	<b>\$53,273.31</b>

**LAS22S13**

**Brent Drainage System-Floyd Lamb Park to Durango Drive**

**Interlocal Amount \$533,365.00**

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

**Expiration Date 06/30/2019**

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	\$433,365.89	\$96,999.11
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$533,365.00</b>	<b>\$433,365.89</b>	<b>\$99,999.11</b>

**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	\$4,187,972.11	\$412,027.89
Const Engineering	\$300,700.00	\$119.12	\$300,580.88
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$4,900,700.00</b>	<b>\$4,188,091.23</b>	<b>\$712,608.77</b>

## Current Project Expense Summary

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

**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 06/30/2019

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 06/30/2018

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	\$56,714.34	\$1,043,285.66
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$13,900,000.00</b>	<b>\$12,609,531.96</b>	<b>\$1,290,468.04</b>

**LAS23G15**

Centennial Parkway Channel West-US95, CC215 to  
Durango

Interlocal Amount \$1,261,471.00

Original Funding Date 07/09/2015

Expiration Date 06/30/2019

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	\$958,337.88	\$295,133.12
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>\$958,337.88</b>	<b>\$303,133.12</b>

## Current Project Expense Summary

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

**LAS23H15**

**Centennial Parkway Channel West-US95, Durango to Grand Teton**

**Interlocal Amount \$985,231.00**

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

**Expiration Date 06/30/2019**

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	\$981,231.00	\$526,396.24	\$454,834.76
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$985,231.00</b>	<b>\$526,396.24</b>	<b>\$458,834.76</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	\$0.00	\$23,825,221.00
Const Engineering	\$2,600,000.00	\$896.16	\$2,599,103.84
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$26,425,221.00</b>	<b>\$896.16</b>	<b>\$26,424,324.84</b>

**LAS24E07**

**Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard)**

**Interlocal Amount \$1,614,000.00**

**Original Funding Date 07/12/2007**

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$17,000.00	\$16,933.80	\$66.20
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,547,000.00	\$1,546,836.64	\$163.36
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$50,000.00	\$32,103.82	\$17,896.18
<b>Total</b>	<b>\$1,614,000.00</b>	<b>\$1,595,874.26</b>	<b>\$18,125.74</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	\$904,786.95	\$55,213.05
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>\$911,006.56</b>	<b>\$80,993.44</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	\$307,663.29	\$392,336.71
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>\$307,663.29</b>	<b>\$396,336.71</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	\$638,038.50	\$143,439.50
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$785,478.00</b>	<b>\$638,038.50</b>	<b>\$147,439.50</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 04/30/2019**

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	\$8,179,100.00	\$0.00	\$8,179,100.00
Const Engineering	\$1,052,962.00	\$0.00	\$1,052,962.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$9,232,062.00</b>	<b>\$0.00</b>	<b>\$9,232,062.00</b>

**LAS24L17**

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

**Interlocal Amount \$561,670.00**

**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	\$557,670.00	\$0.00	\$557,670.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$561,670.00</b>	<b>\$0.00</b>	<b>\$561,670.00</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	\$9,000,500.00	\$0.00	\$9,000,500.00
Const Engineering	\$630,100.00	\$0.00	\$630,100.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$9,630,600.00</b>	<b>\$0.00</b>	<b>\$9,630,600.00</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	\$81,412.62	\$28,587.38
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>\$81,412.62</b>	<b>\$28,587.38</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	\$1,121,987.07	\$551,015.93
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>\$1,121,987.07</b>	<b>\$604,015.93</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	\$458,690.68	\$2,020,138.32
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>\$458,690.68</b>	<b>\$2,030,138.32</b>

**LAS29D17**

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

**Interlocal Amount \$325,192.00**

**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	\$321,192.00	\$0.00	\$321,192.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$325,192.00</b>	<b>\$0.00</b>	<b>\$325,192.00</b>

**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>

## Current Project Expense Summary

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

**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	\$0.00	\$60,000.00
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>\$60,000.00</b>	<b>\$0.00</b>	<b>\$60,000.00</b>

**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>

**ENTITY: Mesquite**

**MES01E17**

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

**Interlocal Amount \$340,303.00**

**Original Funding Date 09/14/2017**

**Expiration Date 09/30/2018**

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	\$340,303.00	\$49,627.50	\$290,675.50
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>\$340,303.00</b>	<b>\$49,627.50</b>	<b>\$290,675.50</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	\$6,025.97	\$880,034.03
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>\$213,303.97</b>	<b>\$1,220,599.03</b>

**ENTITY: North Las Vegas**

NLD14A15

Oak Island Drive Storm Drain

Interlocal Amount \$497,750.00

Original Funding Date 07/09/2015

Expiration Date 12/31/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$497,750.00	\$0.00	\$497,750.00
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>\$497,750.00</b>	<b>\$0.00</b>	<b>\$497,750.00</b>

## Current Project Expense Summary

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

**NLV01G11**

Ann Road Channel East, ULVW to Fifth Street

Interlocal Amount \$1,063,556.00

Original Funding Date 08/11/2011

Expiration Date 06/30/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$378,556.00	\$316,746.84	\$61,809.16
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$650,000.00	\$644,224.14	\$5,775.86
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	\$25,000.00	\$0.00	\$25,000.00
<b>Total</b>	<b>\$1,063,556.00</b>	<b>\$960,970.98</b>	<b>\$102,585.02</b>

**NLV01H13**

Las Vegas Wash - "N" Channel, Cheyenne to Gowan

Interlocal Amount \$317,990.00

Original Funding Date 10/10/2013

Expiration Date 06/30/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$38,500.00	\$34,533.51	\$3,966.49
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$235,880.00	\$225,125.73	\$10,754.27
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$23,030.00	\$22,583.97	\$446.03
Other	\$20,580.00	\$11,580.00	\$9,000.00
<b>Total</b>	<b>\$317,990.00</b>	<b>\$293,823.21</b>	<b>\$24,166.79</b>

**NLV03E13**

Hollywood System, Dunes South DB to Centennial

Parkway

Interlocal Amount \$2,706,972.00

Original Funding Date 10/10/2013

Expiration Date 12/31/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$1,116,972.00	\$52,062.94	\$1,064,909.06
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,580,000.00	\$1,360,745.96	\$219,254.04
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>\$1,412,808.90</b>	<b>\$1,294,163.10</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 06/30/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$250,000.00	\$9,460.59	\$240,539.41
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$821,889.00	\$51,242.73	\$770,646.27
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>\$60,703.32</b>	<b>\$1,021,185.68</b>

NLV03G17

Hollywood System, Centennial Pkwy-Speedway #2 DB

Interlocal Amount \$897,470.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$507,125.00	\$0.00	\$507,125.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$380,345.00	\$49,621.27	\$330,723.73
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>\$897,470.00</b>	<b>\$49,621.27</b>	<b>\$847,848.73</b>

NLV03H17

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

Interlocal Amount \$14,469,000.00

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	\$13,650,000.00	\$0.00	\$13,650,000.00
Const Engineering	\$819,000.00	\$0.00	\$819,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$14,469,000.00</b>	<b>\$0.00</b>	<b>\$14,469,000.00</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	\$0.00	\$0.00	\$0.00
Const Engineering	\$198,000.00	\$0.00	\$198,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$198,000.00</b>	<b>\$0.00</b>	<b>\$198,000.00</b>

NLV04K17

Gowan Outfall, Alexander Rd - Decatur to Simmons Street

Interlocal Amount \$1,931,156.00

Original Funding Date 02/09/2017

Expiration Date 06/30/2018

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	\$293,101.51	\$1,628,054.49
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>\$293,101.51</b>	<b>\$1,638,054.49</b>

NLV09E11

Vandenberg North Detention Basin & Outfall

Interlocal Amount \$1,268,000.00

Original Funding Date 04/14/2011

Expiration Date 06/30/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,673.77	\$35,013.73	\$9,660.04
Pre-Design	\$123,326.23	\$123,326.23	\$0.00
Design	\$1,095,000.00	\$634,277.49	\$460,722.51
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,268,000.00</b>	<b>\$792,617.45</b>	<b>\$475,382.55</b>

## Current Project Expense Summary

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

NLV09I13

Beltway Detention Basin and Channel

Interlocal Amount \$1,034,000.00

Original Funding Date 10/10/2013

Expiration Date 06/30/2019

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$100,000.00	\$66,741.02	\$33,258.98
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$924,000.00	\$574,563.64	\$349,436.36
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>\$1,034,000.00</b>	<b>\$642,490.35</b>	<b>\$391,509.65</b>

NLV17C16

Fifth Street Collector, Centennial Pkwy to Deer Springs

Way

Interlocal Amount \$726,079.00

Original Funding Date 11/10/2016

Expiration Date 06/30/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$259,088.00	\$7,003.76	\$252,084.24
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$456,991.00	\$139,098.55	\$317,892.45
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>\$146,102.31</b>	<b>\$579,976.69</b>

NLV18B07

Brooks Channel

Interlocal Amount \$677,749.00

Original Funding Date 09/13/2007

Expiration Date 06/30/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$85,000.00	\$9,616.85	\$75,383.15
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$545,839.00	\$544,782.69	\$1,056.31
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$36,910.00	\$24,752.87	\$12,157.13
Other	\$10,000.00	\$0.00	\$10,000.00
<b>Total</b>	<b>\$677,749.00</b>	<b>\$579,152.41</b>	<b>\$98,596.59</b>



## Current Project Expense Summary

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

NLV18F13

Central Freeway Channel At Cheyenne

Interlocal Amount \$772,549.00

Original Funding Date 12/12/2013

Expiration Date 06/30/2018

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	\$671,842.44	\$95,706.56
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>\$672,112.80</b>	<b>\$100,436.20</b>

NLV18H14

Brooks Channel

Interlocal Amount \$5,751,000.00

Original Funding Date 09/11/2014

Expiration Date 07/30/2018

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	\$5,165,000.00	\$4,465,399.37	\$699,600.63
Const Engineering	\$586,000.00	\$224,571.56	\$361,428.44
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,751,000.00</b>	<b>\$4,689,970.93</b>	<b>\$1,061,029.07</b>

## Current Project Expense Summary

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

NLV18I16

Central Freeway Channel at Cheyenne

Interlocal Amount \$11,300,000.00

Original Funding Date 12/08/2016

Expiration Date 12/31/2018

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	\$10,690,000.00	\$9,289,670.05	\$1,400,329.95
Const Engineering	\$610,000.00	\$339,391.59	\$270,608.41
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$11,300,000.00</b>	<b>\$9,629,061.64</b>	<b>\$1,670,938.36</b>

### Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$42,943,286.59	\$39,763,312.97	\$3,179,973.62
Pre-Design	\$331,604.23	\$330,604.23	\$1,000.00
Design	\$48,358,970.05	\$32,344,977.65	\$16,013,992.40
Construction	\$134,878,334.50	\$43,982,549.62	\$90,895,784.88
Const Engineering	\$10,718,787.00	\$909,486.81	\$9,809,300.19
Environmental	\$2,539,577.17	\$1,781,337.19	\$758,239.98
Other	\$10,791,313.96	\$10,232,729.30	\$558,584.66
<b>Total</b>	<b>\$250,561,873.50</b>	<b>\$129,344,997.77</b>	<b>\$121,216,875.73</b>
Construction Projects = 18      Design / Other Projects = 56			

## 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	\$200.00	\$1,314,800.00
Const Engineering	\$105,000.00	\$0.00	\$105,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,420,000.00</b>	<b>\$200.00</b>	<b>\$1,419,800.00</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	\$6,800,000.00	\$6,293,354.48	\$506,645.52
Const Engineering	\$600,000.00	\$467,437.57	\$132,562.43
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,400,000.00</b>	<b>\$6,760,792.05</b>	<b>\$639,207.95</b>

**CLA15E13**

**LVW-Sloan to Stewart-Flam Wash below Nellis**

**Interlocal Amount \$83,384,000.00**

**Original Funding Date 10/10/2013**

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$74,952,000.00	\$71,935,126.87	\$3,016,873.13
Const Engineering	\$7,932,000.00	\$6,638,723.64	\$1,293,276.36
Environmental	\$0.00	\$0.00	\$0.00
Other	\$500,000.00	\$92,924.85	\$407,075.15
<b>Total</b>	<b>\$83,384,000.00</b>	<b>\$78,666,775.36</b>	<b>\$4,717,224.64</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**CLA15F16**

**Las Vegas Wash - Water Reclamation Channel**

**Interlocal Amount \$3,400,000.00**

**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	\$3,400,000.00	\$0.00	\$3,400,000.00
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>\$3,400,000.00</b>	<b>\$0.00</b>	<b>\$3,400,000.00</b>

**ENTITY: Clark County Outlying**

**LAU04B17**

**SR 163 at Casino Drive**

**Interlocal Amount \$1,152,000.00**

**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	\$1,060,000.00	\$0.00	\$1,060,000.00
Const Engineering	\$92,000.00	\$0.00	\$92,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,152,000.00</b>	<b>\$0.00</b>	<b>\$1,152,000.00</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**ENTITY: Henderson**

**HEN05G16**

**Horizon Ridge Detention Basin**

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

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

**Expiration Date 12/31/2018**

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	\$0.00	\$6,950,000.00
Const Engineering	\$556,000.00	\$2,211.02	\$553,788.98
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,506,000.00</b>	<b>\$2,211.02</b>	<b>\$7,503,788.98</b>

**HEN23B16**

**Center Street Storm Drain**

**Interlocal Amount \$9,731,435.15**

**Original Funding Date 03/10/2016**

**Expiration Date 12/31/2018**

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	\$8,915,326.25	\$7,038,996.23	\$1,876,330.02
Const Engineering	\$816,108.90	\$153,927.16	\$662,181.74
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$9,731,435.15</b>	<b>\$7,192,923.39</b>	<b>\$2,538,511.76</b>

**HLD06A15**

**Appaloosa Storm Drain, Local Drainage Project**

**Interlocal Amount \$925,834.35**

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

**Expiration Date 12/31/2018**

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	\$925,834.35	\$918,238.85	\$7,595.50
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>\$925,834.35</b>	<b>\$918,238.85</b>	<b>\$7,595.50</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 \$11,405,343.00**

**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	\$4,613,329.18	\$5,887,013.82
Const Engineering	\$905,000.00	\$529,210.53	\$375,789.47
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$11,405,343.00</b>	<b>\$5,142,539.71</b>	<b>\$6,262,803.29</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

ENTITY: North Las Vegas

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	\$0.00	\$2,470,000.00
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>\$2,470,000.00</b>	<b>\$0.00</b>	<b>\$2,470,000.00</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	\$117,288,503.60	\$90,799,245.61	\$26,489,257.99
Const Engineering	\$11,006,108.90	\$7,791,509.92	\$3,214,598.98
Environmental	\$0.00	\$0.00	\$0.00
Other	\$500,000.00	\$92,924.85	\$407,075.15
<b>Total</b>	<b>\$128,794,612.50</b>	<b>\$98,683,680.38</b>	<b>\$30,110,932.12</b>
Construction Projects = 10      Design / Other Projects = 0			

## Capital Improvement Program - Open Projects Summary

### Pay-As-You-Go And Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$42,943,286.59	\$39,763,312.97	\$3,179,973.62
Pre-Design	\$331,604.23	\$330,604.23	\$1,000.00
Design	\$48,358,970.05	\$32,344,977.65	\$16,013,992.40
Construction	\$252,166,838.10	\$134,781,795.23	\$117,385,042.87
Const Engineering	\$21,724,895.90	\$8,700,996.73	\$13,023,899.17
Environmental	\$2,539,577.17	\$1,781,337.19	\$758,239.98
Other	\$11,291,313.96	\$10,325,654.15	\$965,659.81
<b>Total</b>	<b>\$379,356,486.00</b>	<b>\$228,028,678.15</b>	<b>\$151,327,807.85</b>
Construction Projects = 28      Design / Other Projects = 56			

### Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$42,943,286.59	\$39,763,312.97	\$3,179,973.62
Pre-Design	\$331,604.23	\$330,604.23	\$1,000.00
Design	\$48,358,970.05	\$32,344,977.65	\$16,013,992.40
Construction	\$134,878,334.50	\$43,982,549.62	\$90,895,784.88
Const Engineering	\$10,718,787.00	\$909,486.81	\$9,809,300.19
Environmental	\$2,539,577.17	\$1,781,337.19	\$758,239.98
Other	\$10,791,313.96	\$10,232,729.30	\$558,584.66
<b>Total</b>	<b>\$250,561,873.50</b>	<b>\$129,344,997.77</b>	<b>\$121,216,875.73</b>
Construction Projects = 18      Design / Other Projects = 56			

### 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	\$117,288,503.60	\$90,799,245.61	\$26,489,257.99
Const Engineering	\$11,006,108.90	\$7,791,509.92	\$3,214,598.98
Environmental	\$0.00	\$0.00	\$0.00
Other	\$500,000.00	\$92,924.85	\$407,075.15
<b>Total</b>	<b>\$128,794,612.50</b>	<b>\$98,683,680.38</b>	<b>\$30,110,932.12</b>
Construction Projects = 10      Design / Other Projects = 0			



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

**Boulder City**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$4,649,000.00
BOU01B88	Hemenway Wash Debris Basin	Closed	\$0.00
BOU01C10	Hemenway System, Phase II Improvements	Open	\$745,000.00
BOU01D17	Hemenway System, Phase IIA Improvements	Open	\$2,222,694.00
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
BOU06A99	Ville Drive Flood Control Facilities	Closed	\$144,261.08
BOU06B01	Ville Drive Flood Control Facilities	Closed	\$747,314.67
			<b>\$23,091,773.08</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
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	\$7,083,798.07
CLA10H13	Airport Channel - Naples	Open	\$600,000.00
CLA12A97	Desert Inn Detention Basin & Collection System	Closed	\$346,843.68
CLA12B98	Desert Inn Detention Basin & Collection System/DI Lateral	Closed	\$43,197.00
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	\$689.01

**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>
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
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
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

**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>
CLA27C08	Flamingo Diversion - Rainbow Branch	Open	\$1,030,000.00
CLA35A11	Tropicana Avenue Conveyance, LVW to Mtn. Vista	Closed	\$249,789.19
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	\$994,016.50
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
SEA03B17	Searchlight-South, Encinitas St. Storm Drain	Open	\$2,530,000.00
			<b>\$234,933,137.70</b>

**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	\$473,500.00
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
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

**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>
SEA03A09	Searchlight - South, Encinitas St Storm Drain	Open	\$138,000.00
			<u>\$72,622,369.94</u>

**COE/Clark County**

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

**Henderson**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01A87	Pittman Wash Channel Design (Phases I, II, III)	Closed	\$533,554.14
HEN01B87	Warm Springs & Stephanie Street Bridges	Closed	\$1,660,108.81
HEN01C90	Pittman Wash Channel - Phase I Construction	Closed	\$2,744,110.10
HEN01F00	Pittman Wash Lower Reach	Closed	\$324,343.79
HEN01H09	Pittman Wash, Duck Creek at I-515	Closed	\$349,813.57
HEN01I14	Pittman Wash, Duck Creek at I-515	Closed	\$2,295,044.97
HEN02A89	Green Valley Parkway Bridge	Closed	\$1,128,513.78
HEN03A91	UPRR Channel	Closed	\$117,073.57
HEN04A91	C-1 Predesign / Mission Hills Design	Closed	\$1,009,074.06
HEN04B93	C-1 Channel / Lake Mead Dr. to Burkholder Design	Closed	\$173,333.98
HEN04E96	Mission Hills Western Interceptor Diversion	Closed	\$2,636,599.02
HEN04F97	Black Mountain Detention Basin	Closed	\$275,048.92
HEN04I98	C-1 Channel (Culvert) at Lake Mead	Closed	\$907,210.00
HEN04K99	Upper and Middle Reaches of the C-1 Channel	Closed	\$521,871.29
HEN04O09	C-1, Four Kids Wash - Lake Mead to Eagle Rock	Closed	\$22,905.46
HEN04P09	Racetrack Channel, Drake to Burkholder	Closed	\$76,414.93
HEN04Q15	Racetrack Channel, Drake to Burkholder	Closed	\$833,948.46
HEN05A92	Sunset D B, Collection Sys, & Outfall (Pioneer DB)	Closed	\$3,749,294.23
HEN05C01	Pioneer Detention Basin	Closed	\$4,323,566.57
HEN05D09	Pioneer Detention Basin Expansion and Inflow	Closed	\$325,840.81
HEN05E09	Pittman, Horizon Ridge Detention Basin	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
HEN06H09	Equestrian Detention Basin Expansion	Open	\$346,797.00
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
HEN08A96	Railroad East Detention Basin	Closed	\$6,416,341.47
HEN08B08	Pittman Railroad East Conveyance	Closed	\$444,380.89

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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	\$2,181,514.00
HEN16D15	Pittman North Detention Basin and Outfall, Phase I	Closed	\$3,458,916.31
HEN16E15	Pittman North DB & Outfall, Phase II - Starr Avenue	Open	\$2,000,321.00
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	Open	\$179,474.00
HEN23A09	Center Street Storm Drain	Open	\$584,255.00
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>\$146,631,340.48</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
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

**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>
LAS03E00	Gowan South DB Expansion	Closed	\$2,609,639.23
LAS04A87	Oakey Boulevard System	Closed	\$111,106.72
LAS04B90	Oakey BI System	Closed	\$631,418.63
LAS04C91	Oakey BI System/Decatur BI Crossing	Closed	\$35,000.00
LAS04E94	Oakey Conveyance Phase II	Closed	\$1,083,848.86
LAS05A87	Meadows Detention Basin	Closed	\$120,000.00
LAS05B87	Meadows Detention Basin	Closed	\$3,432,123.00
LAS05C00	Meadows Detention Basin Expansion (Resol 00-2)	Closed	\$150,000.00
LAS05D01	Meadows Detention Basin Expansion (Resol 01-3)	Closed	\$3,422,258.00
LAS05H08	Alta Parallel System	Closed	\$8,165,350.58
LAS05I08	Oakey-Meadows Storm Drain, Phase I	Closed	\$12,686,286.59
LAS05J10	Oakey Meadows Storm Drain-Phase II	Closed	\$9,822,984.14
LAS06A87	Major Conveyance System West of I-15	Closed	\$229,005.59
LAS06B87	Major Conveyance System East of I-15	Closed	\$29,022.50
LAS06C93	Freeway Channel/Sahara - Ivanhoe	Closed	\$670,067.29
LAS07A89	Durango Storm Drain	Closed	\$596,059.22
LAS08A89	Carey Ave./Lake Mead Detention & Conveyance System	Closed	\$6,148,651.98
LAS09A89	Washington Ave. System	Closed	\$313,726.91
LAS09B91	Washington Ave. System/Sandhill-Bruce	Closed	\$497,000.00
LAS09D92	Washington Ave./Sandhill-Virgil	Closed	\$1,594,925.69
LAS09F93	Washington/Sagman-LV Creek Right-of-Way	Closed	\$245,428.78
LAS09G94	Washington Ave. / Lena-Eastern (LOMR)	Closed	\$4,643,824.92
LAS09H94	Upper Washington Channel & Freeway Channel	Closed	\$1,206,684.74
LAS09I96	Washington/Eastern-Sagman	Closed	\$3,078,027.28
LAS09J97	Freeway Channel System - Alta Drive to UPRR	Closed	\$13,839,202.95
LAS09K97	Upper Washington Avenue - Sagman to Bonanza	Closed	\$4,421,963.25
LAS09L98	Freeway Channel - Alta Dr to Sahara Avenue	Closed	\$2,778,531.48
LAS09M98	Freeway Channel North/ Washington Avenue - Vegas Drive	Closed	\$257,916.45
LAS09O99	Freeway Channel - Alta Dr to Sahara Ave & Bypass Facility	Closed	(\$5,613.65)
LAS09P00	Freeway Channel - Alta to Sahara & Bypass Facilities (CM)	Closed	\$2,280,263.22
LAS09R01	Las Vegas Creek Channel - Parallel System at Decatur Blvd (Resol 01-4)	Closed	\$247,000.00
LAS09U05	Las Vegas Creek Channel - Parallel System	Closed	\$5,628,281.00
LAS09V05	Oakey Drain, Birch Street to Cahlan Drive	Closed	\$851,548.86
LAS09W08	Oakey Drain, Birch Street to Cahlan Drive	Closed	\$6,500,607.90
LAS09Y09	Oakey Drain - Cahlan Dr to Barnard Dr	Closed	\$370,483.19
LAS10A91	Gowan North Channel	Closed	\$110,000.00
LAS10B93	CAM-10 & Lone Mtn. Detention Basins Predesign	Closed	\$212,800.00
LAS10C94	Lone Mtn. Detention Basin	Closed	\$905,972.72
LAS10D95	Gowan North Channel - Gowan North Detention Basin	Closed	\$904,292.71
LAS10E97	Gowan North Channel - Gowan Detention Basin to Buffalo	Closed	\$3,150,210.59

**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>
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
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	\$554,000.00
LAS16Q18	Rancho Road System-Elkhorn, Grand Canyon to Hualapai	Closed	\$5,125,760.00



**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>
LAS17A98	Las Vegas Wash/ Rancho Drive System (Peak Dr - Lake Mead)	Closed	\$419,095.42
LAS17D02	Las Vegas Wash - Rancho Drive System (Carey/Lake Mead DB to Peak Dr)	Closed	\$6,273,291.56
LAS17F07	Peak Drive System (Jones Blvd to Michael Way)	Closed	\$4,501,941.03
LAS18A98	Las Vegas Wsh/Smoke Ranch Sys: Peak Dr/Torrey Pines-Jones	Closed	\$147,617.92
LAS18B00	Las Vegas Wash - Smoke Ranch System (Peak Drive: Torrey Pines - Jones)	Closed	\$1,782,103.78
LAS19A99	Owens Avenue System: Rancho Drive to I-15	Closed	\$292,162.08
LAS19B01	Owens Avenue System (Rancho Drive to I-15)	Closed	\$4,430,278.94
LAS19D11	Vegas Dr Storm Drain - Rancho to Shadow Mountain	Closed	\$10,997,022.53
LAS20A00	Rancho Rd System: Durango to US-95 Interchange	Closed	\$448,364.70
LAS22B05	Las Vegas Wash - Jones Blvd, Elkhorn Rd to Farm Rd	Closed	\$92,244.72
LAS22C06	Las Vegas Wash - Elkhorn (Rainbow Blvd to Torrey Pines Drive)	Closed	\$274,272.89
LAS22D06	N & S Environ Enhancement Areas - Floyd Lamb Park	Closed	\$2,252,837.16
LAS22E06	Las Vegas Wash - Decatur Blvd (Centennial PKWY to Farm Road)	Closed	\$2,454,915.36
LAS22F07	Las Vegas Wash - Rainbow (Elkhorn Road to Grand Teton Drive)	Closed	\$951,355.17
LAS22G07	Elkhorn Springs and Buffalo Storm Drain	Closed	\$280,782.51
LAS22H07	Las Vegas Wash - Elkhorn Rd, Rainbow Blvd to Torrey Pines Dr	Closed	\$6,561,592.06
LAS22I08	Las Vegas Wash - Decatur Blvd (Elkhorn Rd to Farm Rd)	Closed	\$2,950,783.84
LAS22J08	Las Vegas Wash - Jones Blvd, Elkhorn to Farm	Closed	\$1,683,390.48
LAS22K08	LVW - Grand Teton, Mountain Spa to Durango Drive	Closed	\$850,522.21
LAS22L08	LVW - Grand Teton, Buffalo Drive to Durango Drive	Closed	\$172,513.02
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
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

**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>
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)	Open	\$1,614,000.00
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	\$561,670.00
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	\$325,192.00
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
LLD04A03	Holmby Channel	Closed	\$621,698.68
LLD04B07	Oakey Boulevard & Tenaya Way Storm Drain	Closed	\$574,017.45
LLD05A08	Jones Blvd - Alta to Borden Storm Drain	Closed	\$716,389.74
LLD08A11	Lexington Street Storm Drain	Closed	\$926,610.34
LLD09A04	Bruce Street Storm Drain	Closed	\$431,221.89
LLD10A05	Jay Avenue Improvements	Closed	\$548,443.62
LLD10B13	Buckskin Avenue Storm Drain	Open	\$1,200,000.00
LLD12A04	Brush Street Storm Drain	Closed	\$411,351.53
LLD13A02	Crystal Water Way, Lake South Dr to Desert Inn Rd	Closed	\$227,132.20
LLD18A02	Peak Drive, Rainbow Blvd to Torrey Pines Dr	Closed	\$371,781.85
LLD99A09	Gilmore Ave - Decatur Blvd to Thom Blvd Storm Drain	Closed	\$410,867.01
			<b>\$341,017,121.69</b>

**Mesquite  
PROJECT**

**NAME**

**STATUS**

**TOTAL**

**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>
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	\$340,303.00
MES02A00	Abbott Wash Channel, I-15 to Virgin River	Closed	\$632,380.00
MES04A15	Virgin River Flood Wall	Open	\$1,433,903.00
			<u>\$4,053,852.36</u>

**North Las Vegas**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLD14A15	Oak Island Drive Storm Drain	Open	\$497,750.00
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	Open	\$1,063,556.00
NLV01H13	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Open	\$317,990.00
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	\$897,470.00
NLV03H17	Hollywood System, Dunes S DB to Centennial Pkwy-Phase I	Open	\$14,469,000.00
NLV03I18	Range Wash - Ann Branch, Phase I	Open	\$198,000.00
NLV04A89	Gowan Outfall Structure	Closed	\$13,373,572.56
NLV04B00	Gowan Outfall, Craig to Channel	Closed	\$301,821.67
NLV04C01	Gowan Outfall, Craig to Channel	Closed	\$1,566,299.84
NLV04F07	Simmons Street Drainage Improvements - Carey to Craig	Closed	\$2,103,561.45
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

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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	\$1,268,000.00
NLV09F13	Beltway Detention Basin and Channel	Closed	\$0.00
NLV09G13	Centennial Collector	Closed	\$50,086.74
NLV09I13	Beltway Detention Basin and Channel	Open	\$1,034,000.00
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
NLV18A07	Colton Channel	Closed	\$1,175,047.77
NLV18B07	Brooks Channel	Open	\$677,749.00
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	Open	\$5,751,000.00
NLV18I16	Central Freeway Channel at Cheyenne	Open	\$11,300,000.00
			<u>\$181,812,482.83</u>
	<b>Grand Total</b>		<u><u>\$1,055,925,935.92</u></u>

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

**Boulder City**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$867,000.00
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	\$83,384,000.00
CLA15F16	Las Vegas Wash - Water Reclamation Channel	Open	\$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	\$9,885,236.80
CLA26D11	Flamingo Diversion-South Buffalo Branch, Flamingo Wash to Sunset Rd	Closed	\$7,030,263.37
CLA27D13	Flamingo Diversion - Rainbow Branch	Closed	\$9,678,545.47
			<u>\$260,096,857.97</u>

**Clark County Outlying**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
IND01B04	Indian Springs Detention Basin	Closed	\$2,650,794.34
LAU01B92	Unnamed Wash, Laughlin	Closed	\$2,577,722.08
LAU02C94	Hiko Springs, Laughlin	Closed	\$1,200,000.00
LAU04B17	SR 163 at Casino Drive	Open	\$1,152,000.00
			<u>\$7,580,516.42</u>

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

**Henderson**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01D91	Pittman Wash Channel - Phase II Construction	Closed	\$2,071,148.80
HEN01E93	Pittman Wash Channel Phase IIIA Construction	Closed	\$776,682.83
HEN03B92	UPRR Channel Construction	Closed	\$2,149,477.47
HEN04C93	Mission Hills System Construction	Closed	\$5,503,671.37
HEN04D94	C-1 Channel / Lake Mead Dr. - Burkholder	Closed	\$3,398,432.50
HEN04E96	Mission Hills Western Interceptor Diversion	Closed	\$2,100,000.00
HEN04J99	Black Mountain Detention Basin & Outfall	Closed	\$5,233,184.00
HEN04L01	C-1 Chnl, Mdl & Upr Reaches-PhI: Burkholder - Boulder HWY	Closed	\$4,784,787.10
HEN04M03	C-1 Channel, Upper & Middle Reaches - Vermillion Dr - Boulder HWY	Closed	\$3,689,653.67
HEN05B98	Pioneer DB Outfall	Closed	\$2,952,988.96
HEN05F12	Pioneer Detention Basin Expansion and Inflow	Closed	\$1,330,852.11
HEN05G16	Horizon Ridge Detention Basin	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	Open	\$9,731,435.15
HLD06A15	Appaloosa Storm Drain, Local Drainage Project	Open	\$925,834.35
			<b>\$76,424,176.46</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	\$11,405,343.00
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>\$228,811,120.49</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
NLV03I18	Range Wash - Ann Branch, Phase I	Open	\$2,470,000.00
NLV04D04	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$1,179,589.48
NLV04H09	Simmons Street Drainage Improvements - Gowan Outfall	Closed	\$2,280,988.68
NLV04J14	Simmons Street Drainage Impvments-Alexander to Gowan Outfall	Closed	\$14,878,224.09
NLV05B92	Upper Las Vegas Wash Detention Basin Construction	Closed	\$8,010,318.87
NLV06B93	Kyle Detention Basin	Closed	\$5,037,000.00
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$4,433,240.98
NLV09B99	Vandenberg Detention Basin	Closed	\$5,347,006.76
NLV09H14	Centennial Collector	Closed	\$2,256,922.92
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>\$176,014,255.97</u>
		<b>Grand Total</b>	<u><u>\$777,616,979.54</u></u>

**FY 2017-18 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 Pkwy Channel - Horizon Ridge to Sienna Heights		Construction	0.00	856,891.00			
Pittman North Detention Basin and Outfall, Phase III	HEN16F17	Construction	0.00	19,669,494.00	19,669,494.00	7/13/2017	18b
Pittman North Detention Basin and Outfall, Phase III - 1st Supplemental	HEN16F17	Construction	6,030,506.00	0.00	6,030,506.00	2/8/2018	12a
Pittman Horizon Ridge Detention Basin - 3rd Supplemental	HEN05E09	Design	65,000.00	0.00	65,000.00	1/11/2018	10
Horizon Ridge Detention Basin - 1st Supplemental	HEN05G16	Construction	(788,400.00)	0.00	(788,400.00)	1/11/2018	09a
Equestrian Detention Basin Expansion - Closeout	HEN06J13	Construction	(72,435.48)	0.00	(72,435.48)	7/13/2017	8
Pittman Wash, Duck Creek at I-515 - Closeout	HEN01I14	Construction	(194,830.03)	0.00	(194,830.03)	9/14/2017	7
Racetrack Channel, Drake to Burkholder - Closeout	HEN04P09	Design	(170,684.07)	0.00	(170,684.07)	9/14/2017	7
Racetrack Channel, Drake to Burkholder - Closeout	HEN04Q15	Construction	(203,701.54)	0.00	(203,701.54)	9/14/2017	7
Pittman Wash, Duck Creek at I-515 - Closeout	HEN01H09	Design	(52,891.43)	0.00	(52,891.43)	9/14/2017	7
Palm Hills Channel - Closeout	HEN12J16	Construction	(950,623.97)	0.00	(950,623.97)	2/8/2018	7
Pittman, West Horizon - Palm Hills - Closeout	HEN12I09	Design	(26,049.20)	0.00	(26,049.20)	2/8/2018	7
Pittman North Detention Basin and Outfall, Phase I - Closeout	HEN16D15	Construction	(883,188.69)	0.00	(883,188.69)	2/8/2018	7
		<b>Henderson Total</b>	<b>\$2,752,701.59</b>	<b>\$20,526,385.00</b>	<b>\$22,422,195.59</b>		
<b>HENDERSON 3-YEAR TOTALS:</b>	<b>PROJECTS PROGRAMMED</b>		<b>\$23,279,086.59</b>				
	<b>ESTIMATED RESOURCES</b>		<b>\$30,696,665.00</b>				
	<b>REMAINING RESOURCES</b>		<b>\$8,274,469.41</b>				

<b>LAS VEGAS (Central Las Vegas Valley)</b>							
Las Vegas Wash - Stewart to Bonanza		Construction	0.00	5,376,603.00			
Cedar Avenue Channel Improvements		Construction	0.00	8,106,217.00			
Fleming - Boulder Hwy. North, Charleston - Maryland to Boulder Hwy. and Maryland Parkway System - 1st Supplemental	LAS29C16	Design	1,273,280.00	0.00	1,273,280.00	2/8/2018	10b
Fleming - Boulder Hwy, North, Charleston - Main Street to Maryland Parkway	LAS29D17	Design	325,192.00	0.00	325,192.00	8/10/2017	11b
Fleming - Boulder Highway North, Charleston - Main Street to Maryland Parkway - 1st Supplemental	LAS29D17	Design	1,204,482.00	0.00	1,204,482.00	5/24/2018	
Fleming - Boulder Hwy North, Boulder Hwy, Sahara to Charleston - 1st Supplemental	LAS29B15	Design	500,000.00	0.00	500,000.00	12/14/2017	12
Fleming - Boulder Hwy North, Boulder Hwy, Sahara to Charleston		Construction	0.00	17,520,367.00			
Fleming - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System		Construction	0.00	17,203,943.00			
Gowan Box Canyon - Lone Mountain Road		Construction	0.00	5,028,690.00			
Gowan Outfall - Alexander Rd., Decatur Blvd to Simmons Street		Construction	0.00	29,389,687.00			
Gowan Outfall - Long Mountain Branch (Rancho Drive to Decatur Boulevard) - Closeout	LAS24E07	Design	(18,125.74)	0.00	(18,125.74)	5/24/2018	
Gowan North - El Capitan Branch, Lone Mountain to Ann Road	LAS24M17	Construction	9,630,600.00	0.00	9,630,600.00	10/12/2017	12b
Gowan North - El Capitan Branch, Ann Road to Centennial Parkway	LAS24L17	Design	561,670.00	0.00	561,670.00	8/10/2017	11a
Gowan North - Buffalo Branch, Lone Mountain to Washburn Road - 1st Supplemental	LAS24K17	Construction	198,920.00	0.00	198,920.00	11/9/2017	12
Gowan - Alexander Rd., Rancho to Decatur		Construction	0.00	11,083,665.00			
Rancho Road System - Elkhorn, Grand Canyon to Hualapai	LAS16Q18	Construction	0.00	5,125,760.00	5,125,760.00	3/8/2018	12b
LVW - Moccasin, Skye Canyon Park to Upper LVW	LAS31A17	Design	60,000.00	0.00	60,000.00	12/14/2017	13
LVW - Moccasin, Skye Canyon Park to Upper LVW		Construction	0.00	12,328,158.00			
Freeway Channel - Washington, MLK to Rancho Drive- 5th Supplemental	LAS14C11	Design	75,000.00	0.00	75,000.00	3/8/2018	11
Rancho System - Beltway to Elkhorn Road - Closeout	LAS16N13	Construction	(854,452.79)	0.00	(854,452.79)	7/13/2017	8
Oakey-Meadows Storm Drain, Phase III - Closeout	LAS05K15	Construction	(696,078.37)	0.00	(696,078.37)	7/13/2017	8
Rancho System - Beltway to Elkhorn - Closeout	LAS16J09	Design	(34,830.73)	0.00	(34,830.73)	7/13/2017	8
Oakey - Meadows Storm Drain - Closeout	LAS05E03	Design	(248,468.60)	0.00	(248,468.60)	7/13/2017	8
Centennial Parkway Channel West - US95, CC215 to Grand Teton, and US95 Crossing at Kyle Canyon Road - 2nd Supplemental	LAS23I17	Construction	(2,288,142.00)	0.00	(2,288,142.00)	1/11/2018	11a
Rancho Road System - Elkhorn, Ft. Apache to Grand Canyon - Closeout	LAS16L11	Design	(5,976.95)	0.00	(5,976.95)	2/8/2018	7
Simmons Street Drainage Improvements - Alexander to Gowan Outfall - Closeout	NLV04J14	Construction	(1,188,375.91)	0.00	(1,188,375.91)	7/13/2017	8
Simmons Street Drainage Improvements - Carey to Craig - Closeout	NLV04F07	Design	(219,701.55)	0.00	(219,701.55)	11/9/2017	7
		<b>Las Vegas Total</b>	<b>\$8,274,991.36</b>	<b>\$111,163,090.00</b>	<b>\$13,400,751.36</b>		
<b>LAS VEGAS 3-YEAR TOTALS:</b>	<b>PROJECTS PROGRAMMED</b>		<b>\$119,438,081.36</b>				
	<b>ESTIMATED RESOURCES</b>		<b>\$124,620,160.00</b>				
	<b>REMAINING RESOURCES</b>		<b>\$111,219,408.64</b>				

**FY 2017-18 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>NORTH LAS VEGAS (Northern Las Vegas Valley)</b>							
Fifth Street Collector - Centennial to Deer Springs		Construction	0.00	4,443,088.00			
Orchard Collector - Charleston to Linden		Construction	250,613.00	0.00			
Owens Detention Basin & Outfall		Design	382,870.00	0.00			
Owens Detention Basin & Outfall		ROW	0.00	530,914.00			
Beltway Detention Basin & Channel		ROW	703,493.00	0.00			
Range Wash - Beltway Conveyance		Design	161,842.00	0.00			
Range Wash - Beltway Conveyance		ROW	215,788.00	0.00			
Range Wash - Beltway Conveyance		Construction	0.00	2,181,507.00			
Vandenberg North Detention Basin, Collection & Outfall		Construction	0.00	25,701,808.00			
Beltway Collection System - Pecos		Design	450,393.00	0.00			
Beltway Collection System - Pecos		Construction	0.00	6,070,974.00			
Hollywood System, Dunes South Detention Basin to Centennial Parkway - Phase I	NLV03H17	Construction	0.00	14,469,000.00	14,469,000.00	11/9/2017	13b
Range Wash - Ann Branch		Construction	0.00	8,964,391.00			
Range Wash - Ann Branch, Phase I	NLV03I18	Construction	0.00	2,668,000.00	2,668,000.00	2/8/2018	13b
Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin		Construction	0.00	5,326,386.00			
Centennial Collector - Closeout	NLV09G13	Design	(506,056.26)	0.00	(506,056.26)	7/13/2017	8
Colton Avenue Flood Control Improvements - Closeout	NLV18G14	Construction	(723,081.36)	0.00	(\$723,081.36)	7/13/2017	8
Centennial Collector - Closeout	NLV09H14	Construction	(676,327.08)	0.00	(\$676,327.08)	7/13/2017	8
Colton Channel - Closeout	NLV18A07	Design	(39,586.23)	0.00	(\$39,586.23)	11/9/2017	7
Hollywood System, Dunes South Detention Basin to Centennial Parkway - Phase 2	NLV03E13	Construction	0.00	12,982,135.00			
Ann Road Channel East, ULVW to Fifth Street - Closeout	NLV01I14	Construction	(257,750.58)	0.00	(\$257,750.58)	1/11/2018	8
Las Vegas Wash - "N" Channel, Cheyenne to Gowan - Closeout	NLV01J15	Construction	(113,504.09)	0.00	(\$113,504.09)	2/8/2018	7
Orchard Detention Basin - 13th Supplemental	CLA21A00	Design	125,000.00	0.00	\$125,000.00	2/8/2018	10a
<b>North Las Vegas Total</b>			<b>(\$26,306.60)</b>	<b>\$83,338,203.00</b>	<b>\$14,945,694.40</b>		
<b>NORTH LAS VEGAS 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$83,311,896.40</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$89,218,477.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$74,272,782.60</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			
Tropicana Avenue Conveyance - Las Vegas Wash to Morris		Construction	0.00	28,305,805.00			
Duck Creek Jones Boulevard		Construction	0.00	2,160,217.00			
Silverado Ranch Detention Basin and Outfall Facilities		Construction	0.00	22,040,143.00			
Blue Diamond Channel 02, Decatur - Le Baron to Richmar		Construction	3,500,000.00	0.00			
Blue Diamond Wash Railroad		ROW	326,190.00	0.00			
Duck Creek Wash, Torrey Pines to Rainbow		Construction	600,000.00	0.00			
Duck Creek Haven Street		Construction	0.00	3,992,890.00			
Goodsprings - Phase I		ROW	63,832.00	0.00			
Goodsprings - Phase I		Construction	788,318.00	0.00			
Fairgrounds - Detention Basin (Whipple Street)		Construction	0.00	10,019,878.00			
SR 163 at Casino Drive	LAU04B17	Construction	1,152,000.00	0.00	1,152,000.00	7/13/2017	17b
Muddy River Logandale Levee - 3rd Supplemental	MOA01H15	Construction	1,300,000.00	0.00	1,300,000.00	2/8/2018	11a
Searchlight - South, Encinitas Street Storm Drain	SEA03B17	Construction	2,530,000.00	0.00	2,530,000.00	8/10/2017	12b
Las Vegas Wash - Sloan Channel to Stewart Avenue and Flamingo Wash Below Nellis Boulevard - 4th Supplemental	CLA15E13	Other/Legal	500,000.00	0.00	500,000.00	7/13/2017	15
Flamingo Diversion - Rainbow Branch - Closeout	CLA27D13	Construction	(891,454.53)	0.00	(891,454.53)	4/12/2018	8
Duck Creek, Sunset to Sandhill - Closeout	HEN24A11	Design	(54,762.16)	0.00	(54,762.16)	9/14/2017	7
<b>Clark County Total</b>			<b>\$20,763,340.31</b>	<b>\$66,518,933.00</b>	<b>\$4,535,783.31</b>		
<b>CLARK COUNTY 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$87,282,273.31</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$114,205,870.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$109,670,086.69</b>				

**FY 2017-18 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>CITY OF MESQUITE</b>							
Town Wash - Mesa Boulevard, El Dorado to Town Wash	MES01E17	Design	340,303.00	0.00	340,303.00	9/14/2017	15
Town Wash - Mesa Boulevard, El Dorado to Chaparral		Design	388,145.00	0.00			
Virgin River Flood Wall - 2nd Supplemental	MES04A15	Design	916,903.00	0.00	916,903.00	4/12/2018	13
Virgin River Flood Wall		Construction	0.00	3,327,868.00			
		<b>City of Mesquite Total</b>	<b>\$1,645,351.00</b>	<b>\$3,327,868.00</b>	<b>\$1,257,206.00</b>		
<b>MESQUITE 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$4,973,219.00</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$10,743,369.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$9,486,163.00</b>				

<b>BOULDER CITY</b>							
Hemenway System, Phase IIA Improvements - 1st Supplemental	BOU01D17	Construction	272,306.00	0.00	272,306.00	5/24/2018	
Hemenway System, Phase IIB Improvements		Construction	729,416.00	0.00			
North Railroad Conveyance		Construction	0.00	1,653,127.00			
		<b>Boulder City Total</b>	<b>\$1,001,722.00</b>	<b>\$1,653,127.00</b>	<b>\$272,306.00</b>		
<b>BOULDER CITY 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$2,654,849.00</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$7,071,121.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$6,798,815.00</b>				

<b>SUMMARY</b>	
<b>TOTAL 3-YEAR PROJECTS PROGRAMMED<sup>(2)</sup></b>	<b>\$320,939,405.66</b>
<b>TOTAL ESTIMATED RESOURCES (Year-1)</b>	<b>\$87,874,963.00</b>
<b>TOTAL REMAINING DESIGN PROJECTS (Year-1)</b>	<b>\$1,383,250.00</b>
<b>TOTAL PROJECTS FUNDED (Year-1)</b>	<b>\$56,833,936.66</b>
<b>CURRENT AVAILABLE CONSTRUCTION RESOURCES (Year-1)</b>	<b>\$29,657,776.34</b>

<b>LOCAL DRAINAGE (5)</b>							
Lexington Street Storm Drain - Closeout	LLD08A11	Construction	0.00	0.00	(73,389.66)	7/13/2017	8
Katie Avenue Storm Drain	CLD19A17	Construction	0.00	0.00	994,016.50	7/13/2017	16
Katie Avenue Storm Drain - 1st Supplemental	CLD19A17	Construction	0.00	0.00	(226,739.00)	5/24/2018	
		<b>Local Drainage Total</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$693,887.84</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 2017-18</b>							
May-18	ESTIMATED REMAINING FISCAL YEAR CIP RESOURCES				\$5,036,147.69		
	Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard) - Closeout	LAS24E07	-\$18,125.74		\$5,054,273.43		
	Katie Avenue Storm Drain - 1st Supplemental	CLD19A17	-\$226,739.00		\$5,281,012.43		
	Hemenway System, Phase IIA Improvements - 1st Supplemental	BOU01D17	\$272,306.00		\$5,008,706.43		
	Flamingo - Boulder Highway North, Charleston - Main Street to Maryland Parkway - 1st Supplemental	LAS29D17	\$1,204,482.00		\$3,804,224.43		
	No Projects Awaiting Funding		\$ -				

Notes: (1) Estimated CIP resources are from the FY2017-18 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). Amendments to the TYCP are shown for:

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Gowan Outfall – Lone Mountain Branch (Rancho Drive to Decatur Boulevard) (design)	LAS24E07	Item #06 Closeout	\$ 0.00	(\$ 18,125.74)
Hemenway System, Phase IIA Improvements	BOU01D17	Item #14a 1 <sup>st</sup> Supplemental	\$ 0.00	\$ 272,306.00

TAC AGENDA ITEM #05 Date: 04/26/18	RFCD AGENDA ITEM # Date: 05/24/18
CAC AGENDA ITEM #05 Date: 04/30/18	

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Flamingo – Boulder Highway North, Charleston – Main Street to Maryland Parkway	LAS29D17	Item #17 1 <sup>st</sup> Supplemental	\$ 0.00	\$1,204,482.00

Respectfully submitted,

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

TAC AGENDA ITEM #05 Date: 04/26/18	RFCD AGENDA ITEM # Date: 05/24/18
CAC AGENDA ITEM #05 Date: 04/30/18	

042618 TYCP Amend-item

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

TEN YEAR CONSTRUCTION PROGRAM AMENDMENTS

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

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#05 Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#05 Date: 04/30/18

**Recommendation:**



EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 24, 2018

				FIRST FIVE YEARS 7/2017 THRU 6/2022										
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20							
<b>TOTAL PLAN</b>				Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649						
Unencumbered from previous year		\$32,284,196		Cumulative Available Resources	\$851,039,442	\$53,463,162	\$31,991,096	\$32,334,312						
<b>ENTITY RESOURCES</b>				Annual Resources	\$331,215,324	\$12,911,857	\$19,159,255	\$92,549,048						
Unencumbered from previous year		(\$8,599,627)		Cumulative Available Resources	\$311,911,521	\$4,636,885	\$4,815,072	\$2,590,415						
<b>ENTITY TOTAL</b>					\$957,137,971	\$684,948,614	\$311,911,521	\$8,274,992	\$18,981,049	\$94,773,705	Board Date	Amount	Amendment?	Project No.
<b>HYDROGRAPHIC BASIN: CENTRAL</b>					\$403,721,788	\$385,155,042	\$195,848,683	\$2,433,407	\$18,215,597	\$31,817,745		\$2,433,407		
<b>SYSTEM: LV Wash I-15 Tributary</b>					\$109,476,848	\$77,154,912	\$16,976,498	\$75,000	\$545,229	\$0		\$75,000		
<b>PROJECT: Freeway Channel - Washington, Valley View to Decatur</b>														
	Design/Admin			\$727,252										
	Right-of-way	LV15 0602		\$581,802										
	Construction			\$5,199,850										
<b>PROJECT: Freeway Channel - Washington, Rancho to Valley View</b>									\$545,229					
	Design/Admin			\$765,329										
	Right-of-way	LV15 0528		\$612,263										
	Construction			\$5,472,102										
<b>PROJECT: Freeway Channel - Washington, MLK to Rancho</b>														
	5th Supplement	Design/Admin	Design Started 11/12	\$1,007,949				\$75,000			3/8/2018	\$75,000	YES	LAS14C11
	Right-of-way	LV15 0424, 0472 & 0474	LAS14C11	\$806,359										
	Construction			\$7,206,834										
<b>SYSTEM: LV Wash Central</b>					\$285,079,544	\$133,972,846	\$61,830,736	(\$944,547)	\$150,000	\$14,813,802		(\$944,547)		
<b>PROJECT: Las Vegas Wash - Stewart to Bonanza</b>														
	Design/Admin		Design Started 11/12	\$582,295					\$75,000	\$284,853				
	Right-of-way	LVMD 1121 & 1149	CLA15D12 / LAS28C12	\$465,836						\$5,091,750				
	Construction			\$4,163,416										
<b>PROJECT: Meadows - Charleston, Essex to Lindell</b>														
	Design/Admin			\$881,492										
	Right-of-way	MECN 0000, 0061		\$705,194										
	Construction			\$6,302,669										
<b>PROJECT: Meadows - Charleston, Lindell to Rainbow</b>														
	Design/Admin			\$1,176,062										
	Right-of-way	MECN 0123, 0223		\$940,848										
	Construction			\$8,408,837										
<b>PROJECT: Oakley - Meadows Storm Drain</b>														
	CLOSEOUT	Design/Admin	MEOK 0000 thru 0217					(\$248,469)			7/13/2017	(\$248,469)	YES	LAS05E03
			LCME 0028 thru 0070											
			MEPA 0022											
	CLOSEOUT	Construction	MEOK 0150 thru 0217	\$7,040,893				(\$696,078)			7/13/2017	(\$696,078)	YES	LAS05K15
<b>PROJECT: Cedar Avenue Channel Improvements</b>														
	Design/Admin		Design Started 13/14	\$877,918					\$75,000	\$429,468				
	Design/Admin	CACN 0001 & 0035, CNST 0000	LAS25B13	\$702,335										
	Construction			\$6,277,116						\$7,676,749				
<b>PROJECT: Owens Avenue East - LV Wash to Mojave</b>														
	Design/Admin			\$1,541,300						\$1,130,982				
	Right-of-way	LVOE 0000		\$1,233,040										
	Construction			\$11,020,297										
<b>PROJECT: Owens Avenue East - Mojave to Eastern</b>														
	Design/Admin			\$766,974										
	Right-of-way	LVOE 0085		\$613,579										
	Construction			\$5,483,861										

EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 24, 2018

					FIRST FIVE YEARS 7/2017 THRU 6/2022									
					(Year 1)	(Year 2)	(Year 3)							
					FY 17/18	FY 18/19	FY 19/20							
Fac. ID	Existing Value/	Project Cost	Total											
Mile Range	Comments	Per MPU	Plan											
<b>TOTAL PLAN</b>				Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649						
Unencumbered from previous year				Cumulative Available Resources	\$851,039,442	\$53,463,162	\$31,091,096	\$32,334,312						
<b>ENTITY RESOURCES</b>				Annual Resources	\$331,215,324	\$12,911,857	\$19,159,255	\$92,549,048						
Unencumbered from previous year				Cumulative Available Resources	\$4,636,865	\$4,815,072	\$2,590,415							
<b>ENTITY TOTAL</b>					\$957,137,971	\$684,948,614	\$311,911,521	\$8,274,992	\$18,981,049	\$94,773,705	Board Date	Amount	Amendment?	Project No.
<b>SYSTEM: Sahara Boulder Highway</b>					\$9,165,396	\$174,027,284	\$117,041,448	\$3,302,954	\$17,520,367	\$17,203,943		\$3,302,954		
<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	\$18,196,335										
Construction			\$11,330,541											
<b>PROJECT: Sahara Avenue - Eastern Lateral</b>														
Design/Admin			\$301,160											
Right-of-way	SAEA 0000		\$240,928	\$3,458,095										
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	\$17,201,175										
Construction			\$10,377,798											
<b>PROJECT: Boulder Highway Sahara Avenue - LV Blvd to Maryland</b>														
Design/Admin			\$2,062,012											
Right-of-way	BHSA 0175		\$1,649,610	\$1,754,068										
Construction			\$14,743,365											
<b>PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland</b>														
Design/Admin		Design Started 17/18	\$474,725											
1st Supplement	Design/Admin	FLBN 0281, 0312	LAS29D17	\$6,044,518	\$323,192			8/10/2017	\$323,192		NO	LAS29D17		
					\$1,204,482			5/24/2018	\$1,204,482		YES	LAS29D17		
					\$2,000			8/10/2017	\$2,000		NO	LAS29D17		
Right-of-way			\$379,780											
Construction			\$3,394,278											
<b>PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston</b>														
1st Supplement	Design/Admin	FLBN 0038	Design started in 15/16	\$1,954,412	\$470,000	\$928,231		12/14/2017	\$470,000	YES	LAS29B15			
1st Supplement	Right-of-way		LAS29B15	\$1,563,530	\$30,000			12/14/2017	\$30,000	YES	LAS29B15			
Construction			\$13,974,050											
<b>PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System</b>														
1st Supplement	Design/Admin	FLBN 0167, 0180, 0205 & FLMP 0000	Design started in 16/17	\$1,863,218	\$1,273,280		\$911,467	2/8/2018	\$1,273,280	YES	LAS29C16			
			LAS29C16	\$1,490,575										
Construction			\$13,322,013											
<b>PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb</b>														
Design/Admin			\$1,094,511											
Right-of-way	LVBZ 0000		\$875,609	\$12,201,753										
Construction			\$7,825,754											
<b>PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos</b>														
Design/Admin			\$1,589,587											
Right-of-way	LVBZ 0064, 0114		\$1,271,670	\$18,252,558										
Construction			\$11,365,550											
<b>PROJECT: Flamingo - Boulder Hwy. North, Main St.</b>														
Design/Admin		Design Started 10/11	\$308,156											
Right-of-way	FLBN 0342	LAS29A10	\$246,524	\$3,435,358										
Construction		Engr's Est.	\$2,203,311											

EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 24, 2018

					FIRST FIVE YEARS 7/2017 THRU 6/2022									
					(Year 1)	(Year 2)	(Year 3)							
					FY 17/18	FY 18/19	FY 19/20							
TOTAL PLAN					Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649					
Unencumbered from previous year					Cumulative Available Resources	\$851,039,442	\$53,463,162	\$31,991,096	\$32,334,312					
ENTITY RESOURCES					Annual Resources	\$331,215,324	\$12,911,857	\$19,159,255	\$92,549,048					
Unencumbered from previous year					Cumulative Available Resources	\$331,215,324	\$4,636,865	\$4,615,072	\$2,590,415					
ENTITY TOTAL					\$957,137,971	\$684,948,614	\$311,911,521	\$8,274,992	\$18,981,049	\$94,773,705	Board Date	Amount	Amendment?	Project No.
HYDROGRAPHIC BASIN: GOWAN					\$293,217,265	\$158,747,407	\$101,732,323	\$8,964,987	\$765,452	\$45,502,042		\$8,964,987		
SYSTEM: Gowan North					\$166,668,680	\$158,433,211	\$101,732,323	\$8,964,987	\$765,452	\$45,502,042		\$8,964,987		
PROJECT: Gowan Box Canyon - Lone Mountain Road														
Design/Admin			Design started in 15/16	\$544,616						\$266,421				
Right-of-way	GOBX 0015		LAS24I15	\$435,693	\$5,028,690									
Construction				\$3,694,007						\$4,762,269				
PROJECT: Simmons Street Drainage Improvements, Alexander Rd to Gowan Outfall Channel														
Design/Admin			Design Started 06/07											
Right-of-way	GOOF 0189 & 0224				(\$1,188,378)									
Construction														
PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd to Simmons Street														
Design/Admin			Design started 16/17	\$2,944,788						\$1,440,559				
Right-of-way	GOOF 0275, 0285		NLV04K17	\$2,355,830	\$29,389,687									
Construction	0325, 0375			\$22,853,410						\$27,949,128				
PROJECT: Simmons Street Drainage Improvements - Carey to Craig														
CLOSEOUT	Design/Admin	LAAS 0000 -0103		\$1,940,153										
	Right-of-way	GOOF 0162,0196,0199 & 0224		\$1,552,122	(\$219,702)									
	Construction			\$13,872,093										
PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road														
Design/Admin			Design started in 15/16	\$1,052,891						\$630,100				
Right-of-way	GOEC 0000 thru 0076		LAS24J15	\$842,313	\$9,630,600									
Construction				\$7,528,174						\$9,000,500				
PROJECT: Gowan Outfall - Clayton Branch														
Design/Admin				\$1,340,021										
Right-of-way	GOCL 0000			\$1,072,019	\$16,323,850									
Construction				\$9,581,151										
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial														
Design/Admin				\$819,943						\$561,670				
Right-of-way	GOEC 0100 thru 0176			\$655,955	\$8,358,708									
Construction				\$5,862,597										
PROJECT: Gowan - Alexander Rd., Rancho to Decatur														
Design/Admin			Design Started in 13/14	\$1,175,463						\$575,024				
Right-of-way	GOAL 0000		LAS30A13	\$940,370	\$11,083,665									
Construction			Engr's Est.	\$8,404,560						\$10,508,641				
PROJECT: Gowan - Rancho, Craig to Alexander														
Design/Admin				\$740,352						\$527,436				
Right-of-way	GOAL 0100, 0111			\$592,282	\$7,779,757									
Construction				\$5,293,519										
PROJECT: Gowan - Alexander Branch														
Design/Admin				\$334,099						\$238,016				
Right-of-way	GOA2 0000			\$267,279	\$3,510,774									
Construction				\$2,388,808										
PROJECT: Gowan - Craig and US-95														
Design/Admin				\$1,032,239										
Right-of-way	GOAL 0168, 0247			\$825,791	\$11,852,768									
Construction				\$7,380,512										
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn														
1st Supplement	Design/Admin		Design Started in 13/14	\$455,503						\$462,009				
	Right-of-way	GOBU 0112, 0136	LAS24H13	\$364,401	\$198,920									
	Construction		Engr's Est.	\$3,256,839										
PROJECT: Gowan Outfall - Lone Mtn. Branch, Rancho to Decatur														
CLOSEOUT	Design/Admin		Design Started 07/08											
	Right-of-way	GOLO 0152 thru 0275	LAS24E07		(\$18,126)									
	Construction													

EXHIBIT C

**CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 24, 2018**

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2017 THRU 6/2022								
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	Board Date	Amount	Amendment?	Project No.		
<b>TOTAL PLAN</b>				<b>\$900,864,909</b>	<b>\$55,590,767</b>	<b>\$49,512,051</b>	<b>\$239,168,649</b>						
Unencumbered from previous year	\$32,284,196			<b>\$851,039,442</b>	\$53,463,162	\$31,991,096	\$32,334,312						
<b>ENTITY RESOURCES</b>				<b>\$331,215,324</b>	<b>\$12,911,857</b>	<b>\$19,159,255</b>	<b>\$92,549,048</b>						
Unencumbered from previous year	(\$8,599,627)				\$4,636,865	\$4,815,072	\$2,590,415						
<b>ENTITY TOTAL</b>				<b>\$311,911,521</b>	<b>\$8,274,992</b>	<b>\$18,981,049</b>	<b>\$94,773,705</b>						
<b>HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH</b>				<b>\$14,330,516</b>	<b>(\$3,123,402)</b>	<b>\$0</b>	<b>\$17,453,918</b>						
<b>SYSTEM: Ann Road</b>				<b>\$4,230,500</b>	<b>(\$895,260)</b>	<b>\$0</b>	<b>\$5,125,760</b>						
<b>PROJECT: Rancho Road System - Elkhorn, Fort Apache to Grand Canyon</b>													
CLOSEOUT Design/Admin			\$396,925										
Right-of-way	RCHB 0275	Design Started 11/12	\$317,540	(\$5,977)					2/8/2018	(\$5,977)	YES	LAS16L11	
Construction		LAS16L11	\$2,838,014										
<b>PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai</b>													
Design/Admin		Design Started in 15/16	\$430,021				\$335,330		3/8/2018	\$335,330	YES	LAS16Q18	
Right-of-way	RCHB 0295	LAS16P15	\$344,017	\$5,125,760									
Construction			\$3,074,648				\$4,790,430		3/8/2018	\$4,790,430	YES	LAS16Q18	
<b>PROJECT: Rancho Road System - Beltway to Elkhorn</b>													
CLOSEOUT Design/Admin		Design Started 09/10											
Right-of-way	RCHB 0227 & 0250	LAS16J09		(\$889,284)					7/13/2017	(\$34,831)	YES	LAS16J09	
Construction									7/13/2017	(\$854,453)	YES	LAS16N13	
<b>SYSTEM: Upper Western Tributary</b>				<b>(\$2,288,142)</b>	<b>(\$2,288,142)</b>	<b>\$0</b>	<b>\$0</b>						
<b>PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Grand Teton</b>													
2nd Supplement Design/Admin		Design Started 15/16	\$2,943,891				\$789,691		1/11/2018	\$789,691	YES	LAS23I17	
Right-of-way	CN95 0000, 0068, 0102, 0167 & CNWE 0325	LAS23G15	\$2,355,113	(\$2,288,142)									
Construction		LAS23H15	\$19,688,189				(\$3,077,833)		1/11/2018	(\$3,077,833)	YES	LAS23I17	
<b>SYSTEM: Kyle Canyon</b>				<b>\$12,388,158</b>	<b>\$60,000</b>	<b>\$0</b>	<b>\$12,328,158</b>						
<b>PROJECT: LWV - Moccasin, Skye Canyon Park to Upper LWV</b>													
Design/Admin			\$1,335,162				\$60,000			\$63,147			
Right-of-way	LVM0 0000		\$1,068,130	\$12,388,158					12/14/2017	\$60,000	YES	LAS31A17	
Construction			\$9,546,409							\$11,675,011			

EXHIBIT C

CITY OF BOULDER CITY  
10-YEAR CONSTRUCTION PROGRAM  
Amended May 24, 2018

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2017 THRU 6/2022			Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20				
<b>TOTAL PLAN</b>				<b>\$900,864,909</b>	<b>\$55,590,767</b>	<b>\$49,512,051</b>	<b>\$239,168,649</b>				
Unencumbered from previous year	\$32,284,196			<b>\$851,039,442</b>	\$53,463,162	\$31,991,096	\$32,334,312				
<b>ENTITY RESOURCES</b>				<b>\$7,912,179</b>	\$1,435,494	\$966,575	\$4,669,052				
Unencumbered from previous year	\$350,251				\$433,772	\$1,278,850	\$2,553,238				
<b>ENTITY TOTAL</b>		<b>\$44,844,167</b>	<b>\$38,244,252</b>	<b>\$4,963,640</b>	<b>\$1,001,722</b>	<b>\$121,496</b>	<b>\$3,394,665</b>		<b>\$272,306</b>		
<b>HYDROGRAPHIC BASIN: Boulder City</b>		<b>\$44,844,167</b>	<b>\$38,244,252</b>	<b>\$4,963,640</b>	<b>\$1,001,722</b>	<b>\$121,496</b>	<b>\$3,394,665</b>		<b>\$272,306</b>		
<b>SYSTEM: Georgia/Buchanan</b>		<b>\$12,183,226</b>	<b>\$1,794,645</b>	<b>\$2,210,334</b>	<b>\$0</b>	<b>\$121,496</b>	<b>\$1,741,538</b>		<b>\$0</b>		
<b>PROJECT: Georgia Buchanan Confluence Facilities</b>											
Design/Admin	GBGR 0003 & GBBC 0004		\$170,542			\$121,496	\$83,427				
Right-of-way			\$0	\$1,863,034							
Construction			\$1,355,602				\$1,658,111				
<b>PROJECT: Georgia Avenue Facilities - Vaquero Drive Bridge</b>											
Design/Admin	GBGR 0099		\$35,655	\$347,300							
Right-of-way			\$0								
Construction			\$232,647								
<b>SYSTEM: Hemenway</b>		<b>\$13,994,969</b>	<b>\$1,138,062</b>	<b>\$1,001,722</b>	<b>\$1,001,722</b>	<b>\$0</b>	<b>\$0</b>		<b>\$272,306</b>		
<b>PROJECT: Hemenway System, Phase IIA Improvements</b>											
Design/Admin	HMTH 0034, HMLM 0066 & 0085, HMWA 0158, D173, 0175, & 0182	Design Started 09/10	\$36,551								
Right-of-way		BOU01C10	\$0	\$272,306							
1st Supplement Construction		Eng. Est	\$259,441		\$272,306			5/24/2018	\$272,306	YES	BOU01D17
<b>PROJECT: Hemenway System, Phase IIB Improvements</b>											
Design/Admin	HMWA 0005, 0105 & HMLV 0006	Design Started 09/10	\$35,887		\$47,719						
Right-of-way		BOU01C10	\$0	\$729,416							
Construction		Eng. Est	\$69,980		\$681,697						
<b>SYSTEM: North Railroad</b>		<b>\$10,883,089</b>	<b>\$1,852,616</b>	<b>\$1,751,584</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,653,127</b>		<b>\$0</b>		
<b>PROJECT: Wells Drive Levee Lining</b>											
Design/Admin	NRIN 0088		\$11,287	\$98,458							
Right-of-way			\$0								
Construction			\$66,875								
<b>PROJECT: North Railroad Conveyance</b>											
Design/Admin	Phase 2 Const NRIN 0010, 0031, 0062	Design Started 09/10	\$195,394	\$1,653,127			\$95,585				
Construction		BOU05J10	\$1,273,569				\$1,557,542				

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

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

**FISCAL IMPACT:** \$18,125.74    Release in Fund 4430 and/or 4440


**BACKGROUND:**

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

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

PROJECT	NUMBER	FUND	BALANCE
Gowan Outfall – Lone Mountain Branch (Rancho Drive to Decatur Boulevard) (design)	LAS24E07	4430.000	\$18,125.74
<b>Total Fund 4430 and/or 4440</b>			<b>\$18,125.74</b>

Respectfully submitted,

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

TAC AGENDA ITEM #06 Date: 04/26/18	RFCD AGENDA ITEM # Date: 05/24/18
CAC AGENDA ITEM #06 Date: 04/30/18	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

**FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT**

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

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

PROJECT	NUMBER	FUND	BALANCE
Gowan Outfall – Lone Mountain Branch (Rancho Drive to Decatur Boulevard) (design)	LAS24E07	4430.000	\$18,125.74
<b>Total – Fund 4430 and/or 4440</b>			<b>\$18,125.74</b>

**Staff Recommendation:**

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

**Discussion by Technical Advisory Committee:**

AGENDA  
#06 Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#06 Date: 04/30/18

**Recommendation:**

**Clark County Regional Flood Control District**  
**Final Accounting Report**  
**Report Date 3/20/2018**



**Project:** LAS24E07, Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard)  
**Interlocal Value:** \$1,614,000.00

<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>	\$17,000.00	\$0.00	\$1,547,000.00	\$0.00	\$0.00	\$0.00	\$50,000.00
<b>Amount Spent by Category</b>	\$16,933.80	\$0.00	\$1,546,836.64	\$0.00	\$0.00	\$0.00	\$32,103.82
<b>Remaining by Category</b>	\$66.20	\$0.00	\$163.36	\$0.00	\$0.00	\$0.00	\$17,896.18

<b>Funding / Expenditure Summary</b>	
<b>Interlocal Agreement:</b>	\$1,614,000.00
<b>Minus Amount Spent:</b>	\$1,595,874.26 ✓
<b>Amount to be Returned for Future Use:</b>	<u>\$18,125.74</u>

**ID Miles:** GOLO0152, GOLO0165, GOLO0228, GOLO0253, GOLO0275

**Concur:**

*SP* *AT*  
*Barbara Wang*  
 finance  
 3-22-18  
 DATE

**Accepted and Approved:**

*Alto...*  
 4-12-18  
 DATE



**Project Audit Report**

**Project:** RF.LAS24E07, Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard)

**Status:** Open

~~2/20/2018~~

**Purchase Order - 4800000203 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 DEPT OF	120279	09/30/2007	526.70	RF.LAS24E07.2-2D - DENG	2008	Exp for M/E July, 2007 and August, 2007
CITY OF LAS VEGAS DEPT OF	121172	11/30/2007	1,477.28	RF.LAS24E07.2-2D - DENG	2008	WU7531
CITY OF LAS VEGAS DEPT OF	121655	12/31/2007	850.65	RF.LAS24E07.2-2D - DENG	2008	Project # Las.24.E.07
CITY OF LAS VEGAS DEPT OF	122060	01/31/2008	1,382.95	RF.LAS24E07.2-2D - DENG	2008	Gowan Lone Mtn Rancho Decatur
CITY OF LAS VEGAS DEPT OF	122735	03/31/2008	19,065.54	RF.LAS24E07.2-2D - DENG	2008	Proj. No. LAS.24.E.07
CITY OF LAS VEGAS DEPT OF	123267	04/30/2008	47,142.28	RF.LAS24E07.2-2D - DENG	2008	Gowan Lone Mtn
CITY OF LAS VEGAS DEPT OF	123790	05/31/2008	101,328.35	RF.LAS24E07.2-2D - DENG	2008	Project Billing for April 2008 Expenditures
CITY OF LAS VEGAS DEPT OF	124161	06/30/2008	93,512.67	RF.LAS24E07.2-2D - DENG	2008	
CITY OF LAS VEGAS DEPT OF	124366	06/30/2008	2,110.83	RF.LAS24E07.2-2D - DENG	2008	Project Billing for June 2008 1st Run
CITY OF LAS VEGAS DEPT OF	124802	06/30/2008	241,015.40	RF.LAS24E07.2-2D - DENG	2008	June 2008 2nd Run
CITY OF LAS VEGAS DEPT OF	127325	10/17/2008	111,328.19	RF.LAS24E07.2-2D - DENG	2009	Project Billing thru August 2008
CITY OF LAS VEGAS DEPT OF	128088	11/30/2008	3,075.34	RF.LAS24E07.2-2D - DENG	2009	Project Billing through September 2008
CITY OF LAS VEGAS DEPT OF	128643	12/31/2008	290,688.83	RF.LAS24E07.2-2D - DENG	2009	Project Billing for November 2008
CITY OF LAS VEGAS DEPT OF	129320	01/31/2009	185,526.36	RF.LAS24E07.2-2D - DENG	2009	Project billing through December 2008
CITY OF LAS VEGAS DEPT OF	131805	05/31/2009	29,435.63	RF.LAS24E07.2-2D - DENG	2009	Project Billing thru April 2009
<b>WBS Total</b>			<b>\$1,128,467.00</b>			
<b>Purchase Order Total</b>			<b>\$1,128,467.00</b>			

**Purchase Order - 4800000203 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 DEPT OF	123267	04/30/2008	4,937.38	RF.LAS24E07.1-2 - ROW	2008	Gowan Lone Mtn
CITY OF LAS VEGAS DEPT OF	123790	05/31/2008	5,232.04	RF.LAS24E07.1-2 - ROW	2008	Project Billing for April 2008 Expenditures
CITY OF LAS VEGAS DEPT OF	124161	06/30/2008	442.72	RF.LAS24E07.1-2 - ROW	2008	
CITY OF LAS VEGAS DEPT OF	124366	06/30/2008	166.02	RF.LAS24E07.1-2 - ROW	2008	Project Billing for June 2008 1st Run
CITY OF LAS VEGAS DEPT OF	124802	06/30/2008	171.81	RF.LAS24E07.1-2 - ROW	2008	June 2008 2nd Run
CITY OF LAS VEGAS DEPT OF	127325	10/17/2008	2,287.66	RF.LAS24E07.1-2 - ROW	2009	Project Billing thru August 2008
CITY OF LAS VEGAS DEPT OF	128088	11/30/2008	621.02	RF.LAS24E07.1-2 - ROW	2009	Project Billing through September 2008 (ROW)
CITY OF LAS VEGAS DEPT OF	128643	12/31/2008	2,619.72	RF.LAS24E07.1-2 - ROW	2009	Project Billing for November 2008
CITY OF LAS VEGAS DEPT OF	130369	03/31/2009	455.43	RF.LAS24E07.1-2 - ROW	2009	Project Billing through February 2009
<b>WBS Total</b>			<b>\$16,933.80</b>			
<b>Purchase Order Total</b>			<b>\$16,933.80</b>			

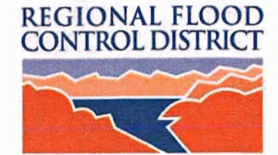
**Purchase Order - 4800000203 00040**

<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
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**Project Audit Report**

**Project:** RF.LAS24E07, Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard)

**Status:** Open



City	Account Number	Invoice Date	Amount	Description	Year	Notes
CITY OF LAS VEGAS	157088	09/27/2012	822.92	RF.LAS24E07.2-2D - DENG	2013	Biling through August 2012
CITY OF LAS VEGAS	157472	10/25/2012	308.61	RF.LAS24E07.2-2D - DENG	2013	Billing thru September 2012
CITY OF LAS VEGAS	176733	10/23/2014	400.00	RF.LAS24E07.2-2D - DENG	2015	RF.LAS24E07.2-2D Permits FY 2013-2014
CITY OF LAS VEGAS	177605	11/20/2014	97.63	RF.LAS24E07.2-2D - DENG	2015	RF.LAS24E07.2-2D Period of 10/11/14 - 10/25/14
CITY OF LAS VEGAS	180977	01/26/2015	614.74	RF.LAS24E07.2-2D - DENG	2015	RF.LAS24E07.2-2D 12/6/2014 - 12/20/2014
CITY OF LAS VEGAS	182182	02/19/2015	7,787.57	RF.LAS24E07.2-2D - DENG	2015	RF.LAS24E07.2-2D 11/21/2014 - 1/31/15
CITY OF LAS VEGAS	183857	03/19/2015	173.64	RF.LAS24E07.2-2D - DENG	2015	RF.LAS24E07.2-2D 2/14/15 - 2/28/15
CITY OF LAS VEGAS	186558	04/22/2015	173.64	RF.LAS24E07.2-2D - DENG	2015	RF.LAS24E07.2-2D PERIOTHROUGH 3/2015
CITY OF LAS VEGAS	189077	05/31/2015	87.24	RF.LAS24E07.2-2D - DENG	2015	RF.LAS24E07.2-2D 4/11/15 - 4/25/15
CITY OF LAS VEGAS	189996	06/17/2015	1,657.32	RF.LAS24E07.2-2D - DENG	2015	RF.LAS24E07.2-2D May 2015
CITY OF LAS VEGAS	192017	06/30/2015	971.45	RF.LAS24E07.2-2D - DENG	2015	PERIOD JUNE 2015
CITY OF LAS VEGAS	195212	08/25/2015	741.54	RF.LAS24E07.2-2D - DENG	2016	Period Jul 2015
CITY OF LAS VEGAS	196071	09/29/2015	603.68	RF.LAS24E07.2-2D - DENG	2016	Period 8/2015
CITY OF LAS VEGAS	197997	10/28/2015	215.60	RF.LAS24E07.2-2D - DENG	2016	Period 9/2015
CITY OF LAS VEGAS	199997	11/19/2015	215.60	RF.LAS24E07.2-2D - DENG	2016	Period 10/2015
CITY OF LAS VEGAS	201917	12/16/2015	862.40	RF.LAS24E07.2-2D - DENG	2016	Period 11/7/15-11/21/15
CITY OF LAS VEGAS	204377	01/26/2016	172.48	RF.LAS24E07.2-2D - DENG	2016	Period 12/5/15-12/19/15
CITY OF LAS VEGAS	207637	02/23/2016	388.08	RF.LAS24E07.2-2D - DENG	2016	Period 1/2/16 -1/30/16
CITY OF LAS VEGAS	211837	04/18/2016	388.08	RF.LAS24E07.2-2D - DENG	2016	Period 2/13/16 - 2/27/16
CITY OF LAS VEGAS	226700	02/16/2017	135.63	RF.LAS24E07.2-2D - DENG	2017	Period 12/3/16-12/31/16
CITY OF LAS VEGAS	149125	10/24/2011	52,263.82	RF.LAS24E07.2-2D - DENG	2012	Project Billing thru September 2011
CITY OF LAS VEGAS	149514	11/08/2011	(47,896.00)	RF.LAS24E07.2-2D - DENG	2012	Credit of Atkins invoice
CITY OF LAS VEGAS	150341	11/29/2011	1,874.68	RF.LAS24E07.2-2D - DENG	2012	Billing thru October 2011 Expenditures
CITY OF LAS VEGAS	151058	12/14/2011	1,081.63	RF.LAS24E07.2-2D - DENG	2012	Project Billing thru November 2011
CITY OF LAS VEGAS	151709	01/31/2012	39,707.25	RF.LAS24E07.2-2D - DENG	2012	Billing thru December 2011 Expenditures
CITY OF LAS VEGAS	152297	02/29/2012	(38,392.00)	RF.LAS24E07.2-2D - DENG	2012	Credit Atkins invoice
CITY OF LAS VEGAS	152413	02/29/2012	26,234.10	RF.LAS24E07.2-2D - DENG	2012	Billing thru January 2012 Expenditures
CITY OF LAS VEGAS	152637	03/12/2012	(24,355.00)	RF.LAS24E07.2-2D - DENG	2012	Credit for Century Link Change Order
CITY OF LAS VEGAS	152838	03/22/2012	860.28	RF.LAS24E07.2-2D - DENG	2012	Expenditures for August 2011
CITY OF LAS VEGAS	153050	03/31/2012	2,111.40	RF.LAS24E07.2-2D - DENG	2012	Project Billing thru Feb 2012
CITY OF LAS VEGAS	153331	04/30/2012	2,499.65	RF.LAS24E07.2-2D - DENG	2012	
CITY OF LAS VEGAS	153987	05/29/2012	1,517.14	RF.LAS24E07.2-2D - DENG	2012	Through April 2012.
CITY OF LAS VEGAS	154877	06/27/2012	1,209.92	RF.LAS24E07.2-2D - DENG	2012	May 2012.
CITY OF LAS VEGAS	155544	06/30/2012	2,284.33	RF.LAS24E07.2-2D - DENG	2012	June 2012.
CITY OF LAS VEGAS	156182	06/30/2012	1,016.60	RF.LAS24E07.2-2D - DENG	2013	June 2012.
CITY OF LAS VEGAS	156311	08/22/2012	925.80	RF.LAS24E07.2-2D - DENG	2013	July 2012

**Project Audit Report**

**Project:** RF.LAS24E07, Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard)

**Status:** Open



3/20/2018

CITY OF LAS VEGAS	141143	12/31/2010	53,745.75	RF.LAS24E07.2-2D - DENG	2011	Billing September thru November 2010 Expenditures
CITY OF LAS VEGAS	144812	06/15/2011	36,495.77	RF.LAS24E07.2-2D - DENG	2011	Expenditures December 2010 to April 2011
CITY OF LAS VEGAS	145430	06/30/2011	8,878.46	RF.LAS24E07.2-2D - DENG	2012	Billing thru June 2011 Expenditures, FY 2010/2011
CITY OF LAS VEGAS	146948	06/30/2011	7,059.50	RF.LAS24E07.2-2D - DENG	2012	Expenditures June 2011, FY 2010/2011
CITY OF LAS VEGAS	147473	08/18/2011	3,837.00	RF.LAS24E07.2-2D - DENG	2012	Billing thru July 2011 Expenditures, FY 2011/2012
CITY OF LAS VEGAS DEPT OF	131805	05/31/2009	77,558.92	RF.LAS24E07.2-2D - DENG	2009	Project Billing thru April 2009
CITY OF LAS VEGAS DEPT OF	132121	06/30/2009	76.76	RF.LAS24E07.2-2D - DENG	2009	Project billing thru May 2009, FY 08-09
CITY OF LAS VEGAS DEPT OF	132224	06/30/2009	(530.92)	RF.LAS24E07.2-2D - DENG	2009	Error in calculation
CITY OF LAS VEGAS DEPT OF	132316	06/30/2009	10,174.38	RF.LAS24E07.2-2D - DENG	2009	Project Billing through June 2009
CITY OF LAS VEGAS DEPT OF	134369	10/28/2009	531.49	RF.LAS24E07.2-2D - DENG	2010	Project Billing thru September 2009
CITY OF LAS VEGAS DEPT OF	135415	12/31/2009	40,628.38	RF.LAS24E07.2-2D - DENG	2010	Project Billing thru October and November 2009
CITY OF LAS VEGAS DEPT OF	136009	02/16/2010	46,039.91	RF.LAS24E07.2-2D - DENG	2010	Expenditures thru December 2009
CITY OF LAS VEGAS DEPT OF	136256	02/28/2010	16,978.85	RF.LAS24E07.2-2D - DENG	2010	Project billing thru January 2010 Expenditures
CITY OF LAS VEGAS DEPT OF	136830	04/22/2010	31,206.96	RF.LAS24E07.2-2D - DENG	2010	Project Billing thru February 2010 Expenditures
CITY OF LAS VEGAS DEPT OF	137072	04/30/2010	18,390.44	RF.LAS24E07.2-2D - DENG	2010	Project Billing thru March 2010 Expenditures
CITY OF LAS VEGAS DEPT OF	137736	05/28/2010	2,177.19	RF.LAS24E07.2-2D - DENG	2010	Project billing thru April 2010 Expenditures
CITY OF LAS VEGAS DEPT OF	138064	06/22/2010	1,686.75	RF.LAS24E07.2-2D - DENG	2010	Billing thru May 2010 Expenditures, FY 09-10
CITY OF LAS VEGAS DEPT OF	138594	06/30/2010	831.26	RF.LAS24E07.2-2D - DENG	2010	Project Billing thru June 2010, FY 09-10
CITY OF LAS VEGAS DEPT OF	139179	06/30/2010	15,699.15	RF.LAS24E07.2-2D - DENG	2011	Proj. billing thru June 2010 Expenditures, FY09-10
CITY OF LAS VEGAS DEPT OF	139929	09/30/2010	7,142.19	RF.LAS24E07.2-2D - DENG	2011	Project Billing thru July and August 2010

**WBS Total** \$418,369.64

**Purchase Order Total** \$418,369.64

**Purchase Order - 4800000203 00050**

<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	183857	03/19/2015	16,267.20	RF.LAS24E07.7 - OTHE	2015	RF.LAS24E07.7 Period ending 12/26/14
CITY OF LAS VEGAS	186558	04/22/2015	1,335.63	RF.LAS24E07.7 - OTHE	2015	RF.LAS24E07.7 PERIOD THROUFH 3/2015
CITY OF LAS VEGAS	217457	06/21/2016	221.65	RF.LAS24E07.7 - OTHE	2016	RF.LAS24E07.7 5/7/16-5/21/16
CITY OF LAS VEGAS	214569	05/16/2016	664.90	RF.LAS24E07.7 - OTHE	2016	Period 4/09/16 - 4/23/16

**Project Audit Report**

**Project:** RF.LAS24E07, Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard)

**Status:** Open



<b>3/20/2018</b>						
CITY OF LAS VEGAS	212817	04/26/2016	388.08	RF.LAS24E07.7 - OTHE	2016	Period 3/12/16 - 3/26/16
CITY OF LAS VEGAS	218897	06/30/2016	132.99	RF.LAS24E07.7 - OTHE	2016	June 2016
CITY OF LAS VEGAS	225300	12/12/2016	90.45	RF.LAS24E07.7 - OTHE	2017	Period 10/8/16 - 10/22/16
CITY OF LAS VEGAS	225831	01/11/2017	90.42	RF.LAS24E07.7 - OTHE	2017	Period 11/5/16-11/19/16
CITY OF LAS VEGAS	227195	03/15/2017	135.63	RF.LAS24E07.7 - OTHE	2017	Period 1/14/17-1/28/17
CITY OF LAS VEGAS	227851	04/11/2017	11,759.80	RF.LAS24E07.7 - OTHE	2017	Period 11/25/16 - 2/25/17
CITY OF LAS VEGAS	237477	06/30/2017	1,017.07	RF.LAS24E07.7 - OTHE	2018	Period 11/26/16 - 4/30/17
<b>WBS Total</b>			<b>\$32,103.82</b>			
<b>Purchase Order Total</b>			<b>\$32,103.82</b>			

**Purchase Order - none**

<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
REGIONAL FLOOD CONTROL/TREAS	1011017527	06/30/2011	7,059.50	RF.LAS24E07.2-2D - DENG	2011	Manual AP - Doc 3112011686
REGIONAL FLOOD CONTROL/TREAS	1912002868	10/20/2011	(7,059.50)	RF.LAS24E07.2-2D - DENG	2012	Manual AP - Doc 3112011686
REGIONAL FLOOD CONTROL/TREAS	1912001458	08/29/2011	(8,878.46)	RF.LAS24E07.2-2D - DENG	2012	Manual AP - Doc 3112004640
REGIONAL FLOOD CONTROL/TREAS	1010017716	06/30/2010	15,699.15	RF.LAS24E07.2-2D - DENG	2010	Manual AP - Doc 3111011368
REGIONAL FLOOD CONTROL/TREAS	1911002134	08/31/2010	(15,699.15)	RF.LAS24E07.2-2D - DENG	2011	Manual AP - Doc 3111011368
REGIONAL FLOOD CONTROL/TREAS	1011017305	06/30/2011	8,878.46	RF.LAS24E07.2-2D - DENG	2011	Manual AP - Doc 3112004640
REGIONAL FLOOD CONTROL/TREAS	1012017551	06/30/2012	1,016.60	RF.LAS24E07.2-2D - DENG	2012	Manual AP - Doc 3113014063
REGIONAL FLOOD CONTROL/TREAS	1913002424	09/21/2012	(1,016.60)	RF.LAS24E07.2-2D - DENG	2013	Manual AP - Doc 3113014063
<b>WBS Total</b>			<b>\$0.00</b>			
<b>Purchase Order Total</b>			<b>\$0.00</b>			
<b>Project Expense Total</b>			<b>\$1,595,874.26</b>			

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 2018-19

**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 2018-19 (FOR POSSIBLE ACTION)


**FISCAL IMPACT:** \$73,455.00

**BACKGROUND:** On May 18, 2017, the Regional Flood Control District Board approved an interlocal agreement that established funding allocations and the budget covering fiscal year 2017-2018 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 2018-2019. 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 \$73,455.00. The District Attorney has reviewed the Agreement. There is sufficient funding in the Fiscal Year 2018-19 budget to support this request. Staff recommends approval of the Interlocal Agreement.

Respectfully submitted,

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

TAC AGENDA ITEM #07 Date: 04/26/18	RFCD AGENDA ITEM # Date: 05/24/18
CAC AGENDA ITEM #07 Date: 04/30/18	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

**ESTABLISH FUNDING ALLOCATIONS FOR THE OPERATING BUDGET FOR THE LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2018-19**

On May 18, 2017, the Regional Flood Control District Board approved an interlocal agreement that established funding allocations and the budget covering fiscal year 2017-2018 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 2018-2019. 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 \$73,455.00. The District Attorney has reviewed the Agreement. There is sufficient funding in the Fiscal Year 2018-19 budget to support this request. Staff recommends approval of the Interlocal Agreement.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#07 Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#07 Date: 04/30/18

**Recommendation:**

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2018/2019

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 \_\_\_\_\_, 2018.

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 29 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

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 2018/2019; and

WHEREAS, Authority Purveyor members will pay 40% of the total operating budget (or \$293,818) 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:

#### Section 1: Capital Improvements Budget

It is agreed that the budget for capital improvements and associated activities for 2018/2019 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 2018/2019 is estimated to be \$1,071,545. 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 \$300,000. Other grants are anticipated to augment the operating budget in the amount of \$37,000. This will leave \$734,545 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 \$293,818 or 40% of the local share; however, the purveyor members' contribution is not governed by this agreement. The parties hereto agree, therefore, that \$440,727 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 2018/2019 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 \$734,545 of the total operating budget for the Las Vegas Wash for fiscal year 2018/2019:

i) Authority Purveyor Members acknowledge that the Authority shall pay 40% (\$293,818) of the local share using revenues derived from the water wholesale delivery charges paid to the Authority by the Authority Purveyor Members.

ii) Authority "Wastewater Discharge Members" shall pay 40% (\$293,818) of the local share as follows:

The City of Henderson, as a discharger, will be responsible for payment of 12.6% of the \$293,818 or \$37,021;

The Clark County Water Reclamation District will be responsible for 54.9% of the \$293,818, or \$161,306;

The City of Las Vegas will be responsible for 23.4% of the \$293,818, or \$68,753;

The City of North Las Vegas will be responsible for 9.1% of the \$293,818, or \$26,737.

iii) Clark County will pay 10% of the local share (\$73,455).

iv) Clark County Regional Flood Control District will pay 10% of the local share (\$73,455).

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 2018/2019 within 30 days of approval by all governmental bodies.

Section 4: Effective Date

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

Section 5: Severability

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

Section 6: Governing Law

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

Section 7: Third Party Beneficiaries

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

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 2018/2019

**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 2018/2019

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.

\_\_\_\_\_  
Josh M. Reid, 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 2018/2019

**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 Stoft, Deputy District Attorney

Attest:

**CLARK COUNTY**

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

\_\_\_\_\_  
Steve Sisolak, 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 2018/2019

Attest:

**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**

\_\_\_\_\_  
Deanna Hughes, 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 2018/2019**

**MATERIALS, SUPPLIES, EQUIPMENT – TOTAL \$57,821**

Funding in the amount of \$57,821 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 \$601,984**

Funding in the amount of \$601,984 is requested for salaries and benefits to support Las Vegas Wash Project Coordination Team staff.

**RESEARCH AND STUDIES PROJECTS – TOTAL \$357,000 (LOCAL CONTRIBUTION \$20,000)**

The total research and studies budget is \$357,000. 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	\$57,821
Office Lease	\$54,740
Salaries and Benefits	\$601,984
Research and Studies Projects	\$357,000
<b>TOTAL FY 18/19 BUDGET</b>	<b>\$1,071,545</b>
BUREAU OF RECLAMATION CONTRIBUTION	\$300,000
OTHER CONTRIBUTION/GRANTS	\$37,000
LOCAL CONTRIBUTION	\$734,545



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

PROFESSIONAL SERVICES AGREEMENT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**


THAT THE BOARD APPROVE A 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:** \$98,997

**BACKGROUND:**

Section 404 of the Clean Water Act requires that a permit be obtained from the United States Army Corps of Engineers (Corps) for projects that require the placement of fill material in a water of the United States. Historically, the District purchased credits from two in-lieu fee programs in Southern Nevada – the Eglington Preserve and the Clark County Wetlands Park. Since October 1999, the District has spent more than \$6.3 million to purchase mitigation credits from these two in-lieu fee programs. However, the Eglington Preserve and Clark County Wetlands Park in-lieu fee programs have been fully funded and credits are no longer available for purchase. At this time, staff recommends that the Board approve a professional services agreement with ICF Jones & Stokes, Inc. to develop a regional in-lieu fee program in Southern Nevada for future flood control master plan projects.

Respectfully submitted,



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

TAC AGENDA ITEM #08 Date: 04/26/18	RFCD AGENDA ITEM # Date: 05/24/18
CAC AGENDA ITEM #08 Date: 04/30/18	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

**IN-LIEU FEE MITIGATION PROGRAM  
PROFESSIONAL SERVICES AGREEMENT**

Section 404 of the Clean Water Act requires that a permit be obtained from the United States Army Corps of Engineers (Corps) for projects that require the placement of fill material in a water of the United States. Historically, the District purchased credits from two in-lieu fee programs in Southern Nevada – the Eglington Preserve and the Clark County Wetlands Park. Since October 1999, the District has spent more than \$6.3 million to purchase mitigation credits from these two in-lieu fee programs. However, the Eglington Preserve and Clark County Wetlands Park in-lieu fee programs have been fully funded and credits are no longer available for purchase. At this time, staff recommends that the Board approve a professional services agreement with ICF Jones & Stokes, Inc. to develop a regional in-lieu fee program in Southern Nevada for future flood control master plan projects.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#08 Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#08 Date: 04/30/18

**Recommendation:**

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

THIS AGREEMENT is made and entered into this 24<sup>th</sup> day of May, 2018, 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**, the parties desire to set forth the responsibilities, terms, and conditions of completing the PROJECT.

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

**Section I**  
**RESPONSIBILITY OF CONSULTANT**

- A. The CONSULTANT shall be responsible for the professional quality, technical accuracy, timely completion, and coordination of all services furnished by the CONSULTANT, its subcontractors and subconsultants and their principals, officers and employees, and agents under this AGREEMENT. In performing the specified services, the CONSULTANT shall follow practices consistent with generally accepted current professional and technical engineering standards.
- B. It shall be the duty of CONSULTANT to assure that all work products are technically sound and in conformance with all pertinent and current federal, State, and local statutes, codes ordinances, resolutions, and other. If, during the term of this AGREEMENT, there are any changes or new laws, ordinances, statutes, rules or regulations not known or foreseeable at the time of signing this AGREEMENT which become effective and which affect the cost or time of performance of the AGREEMENT, the CONSULTANT shall immediately notify DISTRICT in writing and submit detailed documentation of such effect in terms of both time and cost of performing the AGREEMENT. Upon concurrence by DISTRICT as to the effect of such changes, adjustment in time of performance and/or compensation for an increase or decrease in labor, materials, and equipment directly required to be in compliance will be made in writing. Except for an extension of time, no payment or compensation of any kind shall be made to CONSULTANT for damages caused by such changes or new laws, ordinances, statutes, rules or regulations, including, but not limited to, those which may arise due to delay, disruption, acceleration, or inefficiency. If any discrepancy or inconsistency should be discovered between this AGREEMENT and any law, ordinance, regulation, order, or decree, CONSULTANT shall immediately report the same in writing to the DISTRICT, who will issue such instruction as may be necessary. The CONSULTANT shall, without additional compensation, correct or revise any errors or deficiencies in its recommended

plans, policies, designs, drawings, and other sections of the PROJECT. It is also understood and agreed by both parties that if any variation in measurements, calculations, or observations of a quantity due to mistakes, hereinafter referred to as "erroneous work" is found, the CONSULTANT will expeditiously perform the necessary work, at no expense to the DISTRICT, to correct the erroneous work. The reviewing process by the DISTRICT during the progress of the PROJECT will not relieve the CONSULTANT's obligation for erroneous work in the preparation of the different sections of the PROJECT. Any revisions or updates of the PROJECT after submittal would be considered outside the scope of services for this AGREEMENT.

- C. The CONSULTANT will be responsible for holding monthly progress meetings with the DISTRICT. Minutes of these meetings and a summary of the PROJECT status will be submitted by the CONSULTANT to the DISTRICT monthly.
- D. It is agreed that any and all documents prepared and submitted by the CONSULTANT to the DISTRICT, and all information required of the CONSULTANT by the AGREEMENT, become the property of the DISTRICT. The CONSULTANT may retain copies and reproducible copies of all documents produced as a result of the PROJECT. In the event of the termination of the AGREEMENT, all documents produced shall be and become the property of the DISTRICT. The CONSULTANT agrees to surrender all such documents to the DISTRICT within ten (10) business days.
- E. The CONSULTANT agrees that its officers and employees will cooperate with the DISTRICT in the performance of services under this AGREEMENT and will be available for consultation with the DISTRICT at such reasonable times and with advance notice so as to not conflict with their other responsibilities.
- F. The rights and remedies of the DISTRICT provided for under this section are in addition to any other rights and remedies provided by law or under other sections of the AGREEMENT.

## **Section II**

### **DISTRICT'S RESPONSIBILITY**

- A. The DISTRICT agrees that its officers and employees will cooperate with CONSULTANT in performance of services under this AGREEMENT and will be

available for consultation with CONSULTANT at such reasonable times with advance notice as to not conflict with their other responsibilities.

- B. The services performed by CONSULTANT under this AGREEMENT shall be subject to review and approval by the DISTRICT's General Manager. The DISTRICT's General Manager may delegate any or all of the General Manager's responsibilities under this AGREEMENT to appropriate staff members, and shall so inform CONSULTANT by written notice before the effective date of each such delegation.
- C. The services to be performed by the CONSULTANT under this AGREEMENT shall be subject to periodic review by the DISTRICT's General Manager. The review comments of the DISTRICT's General Manager shall be reported in writing to the CONSULTANT by the DISTRICT's General Manager or his designee. To prevent an unreasonable delay in the CONSULTANT's work, the DISTRICT's General Manager will endeavor to examine all documents and will make authorizations in writing to the CONSULTANT to proceed with work within 10 working days of receipt of such documents. It is understood that the DISTRICT's representative review comments do not relieve the CONSULTANT from the responsibility for professional and technical accuracy of all work delivered under this AGREEMENT.
- D. DISTRICT shall, without charge, furnish to or make available for examination or use by the CONSULTANT as it may request, any relevant data which the DISTRICT has available, including as examples only and not as a limitation:
  - 1. Copies of reports, maps, records, and other documents pertinent to flood control facilities, and other physical features related to the PROJECT.
  - 2. Copies of previously prepared reports, publications, other documents and information related to the PROJECT, and services specified by this AGREEMENT. CONSULTANT shall return original data provided by the DISTRICT at the DISTRICT's request within ten (10) calendar days.
- E. Upon written request from the CONSULTANT, the DISTRICT shall reasonably assist CONSULTANT in obtaining data and documents from public officers or agencies and from private citizens and business firms whenever the DISTRICT determines that such material is necessary for the completion of the services specified by the AGREEMENT. DISTRICT shall provide the CONSULTANT with a list of names of individuals,

agencies, or any other parties that should receive written communication related to the PROJECT from the CONSULTANT.

- F. CONSULTANT will not be responsible for accuracy of information or data supplied by the DISTRICT or other sources, but will use such data to the extent such information or data would be relied upon by a reasonable prudent professional person in the environmental field.

### **Section III**

## **CONSULTANT SERVICES**

- A. The CONSULTANT shall perform Task 1 through Task 5 including services discussed in the "Basic Services" as specified in Exhibit A (the Scope of Services), which is attached hereto, and by this reference made a part of this AGREEMENT. Exhibit B, the Project Study Area, and Exhibit C, the Project Time Schedule, are attached hereto and by this reference are also made a part of this AGREEMENT.
- B. The DISTRICT may at any time, by written order, make changes within the general scope of this AGREEMENT and in the services or work to be performed by the CONSULTANT. If such changes cause an increase or decrease in the CONSULTANT's cost or time required for performance of any services under this AGREEMENT, an equitable adjustment shall be made and this AGREEMENT shall be modified in writing accordingly. Any claim of the CONSULTANT for adjustment under this clause must be asserted in writing within 30 days from the date of receipt by the CONSULTANT of notification of changes unless the DISTRICT grants a further period of time before the date of final payment under this AGREEMENT.
- C. No services for which any additional compensation will be charged by the CONSULTANT shall be furnished without the written authorization of the DISTRICT.

### **Section IV**

## **COMPENSATION AND TERMS OF PAYMENT**

- A. Once each month, the DISTRICT shall pay the CONSULTANT for services performed under Section III – Consultant Services. Invoices are prepared and submitted on a

monthly basis and are due upon receipt. Payment is past due thirty (30) days from the invoice date. In the event the DISTRICT fails to make any payments, the CONSULTANT may cease work immediately until payment for the invoice and service charge is made. An additional charge at the rate of 1 ½ percent per month will be charged against invoices that are past due.

B. Compensation and Method of Payment for Engineering Services are:

1. The DISTRICT shall pay the CONSULTANT on a time and materials basis under the CONSULTANT'S Fee Schedule, which is attached hereto as Exhibit D and by this reference made a part of this AGREEMENT.
2. The maximum cost to the DISTRICT for Basic Services Task 1 through Task 5 including services discussed in Project Description accomplished under this AGREEMENT shall not exceed Ninety-Six Thousand, Two Hundred Fourteen dollars (\$96,214) unless the DISTRICT receives a written request, with justification, and the DISTRICT approves a change in the SCOPE OF SERVICES and an increase in compensation. If approved, a supplement to this AGREEMENT must be executed. The maximum cost is based on a detailed breakdown of the estimated cost by tasks, and direct costs as shown on Exhibit E – Estimated Cost By Tasks, which is attached hereto, and by this reference made a part of this AGREEMENT. The estimated cost figures, per task, presented in Exhibit E may, with the written approval from the DISTRICT, be adjusted from task to task so long as the total amount does not exceed Ninety-Six Thousand, Two Hundred Fourteen dollars (\$96,214). Payments will be made to the CONSULTANT on a monthly basis upon receipt of a progress report and itemized invoices for work accomplished.
3. Subject to prior approval as set forth herein, the DISTRICT will pay for CONSULTANT's direct costs incurred in performing professional services under this Agreement, which includes travel, hotel and meals, reproductions, and postage and delivery fees. CONSULTANT shall obtain the prior approval of the General Manager/Chief Engineer of the DISTRICT before incurring any direct costs. Direct costs shall not exceed Two Thousand Seven Hundred Eighty-Three



Dollars (\$2,783). CONSULTANT agrees to provide DISTRICT with an itemization of all expenses with supporting receipts.

4. The total amount of this AGREEMENT shall not exceed Ninety-Eight Thousand, Nine Hundred and Ninety Seven dollars (\$98,997), unless approved by the DISTRICT in writing and a supplement to this AGREEMENT is executed by the parties.

## **Section V**

### **TIME AND PERFORMANCE**

- A. The Project Time Schedule for work under this AGREEMENT is attached as Exhibit C and by this reference made a part of this AGREEMENT. The CONSULTANT will perform the work in accordance with said Project Time Schedule, and will provide the DISTRICT's representative a progress report (monthly) in conjunction with the monthly invoice.

Work shall begin immediately upon receipt by the CONSULTANT of the Notice to Proceed by General Manager or his designee. All work necessary to prepare the PROJECT deliverables for submittal to the DISTRICT for review and publication shall be completed 416 calendar days from Notice to Proceed.

- B. The DISTRICT and CONSULTANT recognize the scope of work as detailed in Exhibit A – Scope of Services and as outlined in Exhibit C – Project Time Schedule can be altered by unforeseen events that may occur. Therefore, a supplement to this AGREEMENT will be prepared, negotiated, and executed when the CONSULTANT establishes, and the DISTRICT agrees, that there has been, or is to be a significant change, including but not limited to:
  1. Scope, complexity, or character of the services to be performed such as additional meetings and coordination over those identified in Exhibit A, analysis of additional alternatives, or preparation of additional reports.
  2. Conditions under which the work is required to be performed, such as a change in standards or a change in available base data that would require additional work.

3. Duration of work if the time period for completion of the work warrants such adjustment.
- C. An alteration required by the DISTRICT that results in changes in the scope of work will also be specified in a supplemental AGREEMENT that will set forth the nature and scope thereof and payment therefore.
- D. Neither party shall be considered in default in the performance of its obligations hereunder, or any of them, to the extent that performance of such obligations, or any of them is prevented or delayed by any cause, existing or future, which is beyond the reasonable control of such party. Delays arising from the actions or inactions of one or more of the CONSULTANT's principals, officers, employees, agents, subcontractors, subconsultants, vendors, or suppliers are expressly recognized to be within the CONSULTANT's control.
- E. This AGREEMENT shall begin on May 24, 2018 and terminate on June 30, 2019 unless it is extended before the termination date with the mutual written consent of both parties or earlier terminated pursuant to Section VI.

## **Section VI**

### **MISCELLANEOUS PROVISIONS**

- A. The CONSULTANT and its subconsultant(s) shall maintain all books, documents, papers, accounting reports, and other evidence pertaining to costs incurred and/or work performed and that such evidence shall be made available for inspection by the DISTRICT at all reasonable times during the AGREEMENT period for three (3) years from the date of final payment.
- B. The DISTRICT's General Manager has the right to terminate this AGREEMENT upon seven (7) days written notice to the CONSULTANT. This AGREEMENT may also be terminated by either party upon seven (7) calendar days written notice in the event of substantial failure to perform in accordance with the terms hereof by the one party through no fault of the other party. If said termination occurs prior to completion of the PROJECT, the CONSULTANT shall deliver to the DISTRICT all documents, calculations, and all other work performed whether complete or incomplete. Thereafter,

the DISTRICT will reimburse the CONSULTANT for all services performed prior to such notice, provided the services performed are satisfactory to the DISTRICT. Termination shall be by written notice, which will be sent by certified mail or hand delivered. Such notice will be deemed effective after the third business day of the mailing post date, or hand delivered, in which case such notice will be deemed effective upon receipt of the written termination to the CONSULTANT or the DISTRICT.

- C. CONSULTANT agrees to indemnify and hold harmless the DISTRICT and all the officers and employees, of the DISTRICT, and each of them, from and against any liabilities, damages, losses, claims, actions or proceedings, including, without limitation, reasonable attorneys' fees and costs, to the extent such liabilities, damages, losses, claims, actions or proceedings are caused by the negligence, errors, omissions, recklessness or intentional misconduct of the CONSULTANT, CONSULTANT's employees and/or agents, in the performance of this AGREEMENT. If the CONSULTANT is adjudicated to be liable by a trier of fact, the trier of fact shall award reasonable attorney's fees and costs to be paid to the DISTRICT, as reimbursement for the attorney's fees and costs incurred by the DISTRICT in defending the action, by the CONSULTANT in an amount which is proportionate to the liability of the CONSULTANT.

CONSULTANT further agrees to defend the DISTRICT and all the officers and employees of the DISTRICT, and each of them, from and against any and all liabilities, damages, losses, claims, actions or proceedings caused by the negligence, errors, omissions, recklessness or intentional misconduct of the CONSULTANT, and CONSULTANT's employees and/or agents, in the performance of this AGREEMENT when said liabilities, negligence, errors, omissions, recklessness or intentional misconduct are not based upon or arising out of the professional services performed under this AGREEMENT.

CONSULTANT will not be required to defend, indemnify or hold harmless the public body or the employees or officers of the DISTRICT from any liability, damage, loss,

claim, action or proceeding caused by the negligence, errors, omissions, recklessness or intentional misconduct of the employees or officers of the DISTRICT.

- D. During the life of this AGREEMENT, the CONSULTANT shall not engage the services of any person or persons who are currently employed by the DISTRICT without the DISTRICT's prior approval.
- E. The CONSULTANT shall at all times maintain control over and have complete responsibility for all work performed under the AGREEMENT. Any attempted assignment of rights or delegation of duties under this AGREEMENT, without the written consent of the DISTRICT, shall be void.
- F. The CONSULTANT shall submit for review and documentation purposes copies of all subconsultant agreements.
- G. The CONSULTANT shall place his professional engineer stamp on the final Submittal substantiating that the work has been accomplished under the direct supervision of a professional engineer and in accordance with acceptable professional standards.
- H. The CONSULTANT, at his own expense, shall obtain and maintain, for the duration of the AGREEMENT, insurance against claims for injuries to persons or damages to property or other losses which may arise from or in connection with CONSULTANT's sole negligence or fault in the performance of work hereunder of the CONSULTANT, his agents, representatives, employees, or subcontractors of any tier.

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

The CONSULTANT will:

1. Maintain commercial general liability coverage at limits of no less than \$1,000,000 combined single limit per occurrence and \$1,000,000 annual aggregate for bodily injury (including death), personal injury and property damages. The coverage shall be on an "occurrence" basis only and not on a

“claims made” basis; and the coverage must be provided on ISO commercial liability or on ISO broad form comprehensive general liability forms with no exceptions to the coverage for bodily injury, personal injury, broad form property damages, premises operations, severability of interest, products and completed operations, contractual and independent contractors. The DISTRICT, its officers, and employees must be expressly covered as additional insureds.

2. Maintain automobile coverage at limits of no less than \$1,000,000 combined single limit “per accident” for bodily injury and property damage for all owned automobiles, non-owned automobiles, hired automobiles, or any automobile. The DISTRICT, its officers, and employees, and volunteers must be expressly covered as additional insureds.
3. Maintain professional liability insurance at limits of no less than \$1,000,000 per claim and \$1,000,000 annual aggregate to insure against claims for losses arising out of the services rendered by the CONSULTANT, its agents, representatives, or employees pursuant to the CONSULTANT’s AGREEMENT with the DISTRICT. “Claims made” insurance coverage will continue for a period of three (3) years beyond the term of the AGREEMENT. Any retroactive date must coincide with or predate the date of the AGREEMENT and may not be advanced without the DISTRICT’s consent. The CONSULTANT’s professional liability insurance must provide coverage for the CONSULTANT’s subcontractor if the subcontractor does not maintain professional liability insurance in the same amounts and manner as required for the CONSULTANT.

All deductibles and self-insured retention shall be fully disclosed in the certificate of insurance. No deductible of self-insured retention may exceed \$250,000 for commercial general liability, \$250 for automobile, or \$250,000 for professional liability without the written approval of the DISTRICT. If aggregate limits are imposed on bodily injury and property damage, then the amount of such limits must not be less than twice the amount of the limits required herein. All aggregate must be fully disclosed and the amount entered on the required certificate of insurance. Any notice given to the CONSULTANT

with respect to exhaustion of limits of insurance shall also be sent to the DISTRICT. The adequacy of the insurance supplied by the CONSULTANT, including the rating and financial health of each insurance company providing coverage, is subject to the approval of the DISTRICT.

4. Maintain Nevada Industrial Insurance and Occupational Disease Acts; such insurance will protect it and the DISTRICT from claims made by the CONSULTANT due to work-related injuries.
5. The CONSULTANT's insurance shall be primary in respect to the DISTRICT, its officers, employees, and volunteers.

The insurance requirements specified herein do not relieve the CONSULTANT of its responsibility or limit the amount of its liability to the DISTRICT or other persons, and the CONSULTANT is encouraged to purchase such additional insurance as it deems necessary.

6. The insurance certificate supplied by the CONSULTANT must provide for a 30-day notice to the DISTRICT before the implementation of a proposal to cancel the required insurance coverage. This notice requirement does not waive the insurance requirements contained herein. In addition, CONSULTANT shall notify DISTRICT within thirty (30) days of any reduction in coverage or limits.
7. If the CONSULTANT fails to maintain any of the insurance coverage required herein, then the DISTRICT will have the option to either terminate the AGREEMENT; declare the CONSULTANT in breach; purchase replacement insurance; or pay the premiums that are due on existing policies in order that the required coverage may be maintained. The CONSULTANT is responsible for any expenses paid by the DISTRICT to maintain such insurance, and the DISTRICT may collect the same from the CONSULTANT or deduct the amount paid from any sums due the CONSULTANT under this AGREEMENT.
8. The CONSULTANT shall obtain the required insurance prior to commencement of services being performed.

I. Project Staffing

CONSULTANT shall provide the DISTRICT with a list of CONSULTANT's employees who will be performing work on the PROJECT. This list shall indicate the employee's name, classification, and hourly billing rate. This list will be used by the DISTRICT in reviewing and evaluating changes as a result of CONSULTANT's fiscal year increases (decreases).

J. Governing Law

Nevada law shall govern the interpretation of this AGREEMENT.

K. Notice

Any notice required to be given hereunder shall be deemed to have been given when received by the party to whom it is directed by personal service, hand delivery, or U.S. mail at the following addresses:

To DISTRICT: Clark County Regional Flood Control District  
600 Grand Central Parkway, Suite 300  
Las Vegas, Nevada 89106  
Attention: John Tennert  
Environmental Mitigation Manager

To CONSULTANT: ICF Jones & Stokes, Inc.  
630 K Street, Suite 400  
Sacramento, CA 95814  
Attention: Trina L. Prince-Fisher  
Contracts Administrator

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

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

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

ATTEST:

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Deanna Hughes  
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



**EXHIBIT A**  
**SCOPE OF SERVICES**  
**CLARK COUNTY IN-LIEU FEE PROGRAM**

ICF Jones & Stokes, Inc. (Consultant) will support the Clark County Regional Flood Control District (District) in the development of an In-lieu Fee Program (ILF Program) that will streamline compliance with the Clean Water Act Section 404 for District and others' impacts to waters of the United States, including wetlands. The ILF Program will provide the District with an approved mitigation program to use in conjunction with District and others' applications for Clean Water Act Section 404 Regional General, Individual or Nationwide permits. This approved mitigation program will streamline mitigation approval process in support of wetland permit applications and permit compliance. ICF will work with the District to secure the ILF Program based on this scope of work and an authorized budget.

**Task 1 – Site Selection and Evaluation**

- a. **Subtask 1. Identify Sites.** Consultant will work with the District to identify candidate site(s) for the ILF Program in association with the U.S. Army Corps of Engineers (Corps), Interagency Review Team (IRT), credit users and resource and conservation agencies, as necessary. Consultant will conduct two one-hour planning conference calls with the District to discuss known and potential wetland mitigation parcels. Consultant will also discuss the criteria, data sources, and recommendations for evaluation of mitigation sites. Consultant will use GIS, aerial photos, publically available data sources, and recommendations from the District to identify 3 candidate mitigation locations in Clark County, Nevada, that are expected to provide the wetland mitigation credits necessary to offset expected impacts (either through preservation, restoration, creation, or a combination of these approaches). Consultant will prepare a brief memorandum summarizing the approach to identification and evaluation of potential mitigation sites and recommend 1 site for more detailed analysis. **Deliverable:** Memorandum summarizing site selection and evaluation.
  
- b. **Subtask 2. Develop Draft Concept.** Consultant will develop an initial working draft conceptual restoration plan and preliminary budget for one candidate mitigation site. This conceptual plan will generally describe what is needed to develop wetland mitigation credits on the potential site, and will provide a range of development and wetland credit costs expected to be generated at each site. **Deliverable:** One concept plan summary (estimated to be 5-10 pages each) with budgets.

**Task 2 – Prospectus**

- a. **Subtask 1. Draft Prospectus.** Consultant will prepare a Draft Prospectus in accordance with 33 CFR 332.8(d)(2)/40 and CFR 230.98(d)(2). The draft prospectus will include, objectives of the proposed ILF Program, how the ILF will be established and operated, proposed service area(s), general need and technical feasibility of the ILF Program, ownership arrangements and long-term management strategies for project sites, qualifications of sponsor(s) to successfully complete the types of mitigation projects proposed, a proposed compensation

framework, a description of the proposed ILF Program account, and other information as needed to support the development of the prospectus. Consultant will assist in the submission of the Draft Prospectus to the Corps and the IRT for review and will assist in responding to comments on the Draft Prospectus. **Deliverables:** Draft prospectus.

- b. **Subtask 2. Final Prospectus.** Consultant will prepare a Final Prospectus in accordance with 33 CFR 332.8(d)(2)/40 CFR 230.98(d)(2), including responses to comments on the draft prospectus. Consultant will integrate comments from the District, the Corps and the IRT to finalize the prospectus. **Deliverable:** Final prospectus.

### **Task 3 – ILF Instrument**

- a. **Subtask 1. Draft Instrument.** Once the Corps and the IRT have agreed to the Prospectus, Consultant will prepare a Draft ILF Instrument in accordance with 33 CFR 332.8(d)(2)/40 CFR 230.98(d)(2) and based on the Prospectus. The Draft ILF Instrument will include a description of the proposed service area(s), accounting procedures, provision stating that legal responsibility for providing mitigation lies with the sponsor once a permittee secures credits from the sponsor, default and closure provisions, reporting protocols, a compensation planning framework, specification of the amount of advance credit required and the fee schedule for credits, a methodology for determining future project-specific credits and fees, a description of the ILF account, and other information needed to implement the ILF Program. Consultant will assist the District in the submission of the draft ILF Instrument to the Corps and the IRT for review and will assist in responding to comments on the draft Instrument. **Deliverable:** Draft instrument.
- b. **Subtask 2. Final Instrument.** Consultant will prepare a Final ILF Instrument in accordance with 33 CFR 332.8(d)(2)/40 CFR 230.98(d)(2). Consultant will integrate comments from the District, the Corps and the IRT to finalize the instrument. **Deliverable:** Final instrument.

### **Task 4 – Attend Meetings**

- a. The Consultant will attend and participate in up to 2 in-person meetings in Las Vegas regarding the ILF prospectus and instrument, and up to 6 1-hour conference calls regarding the project. **Deliverable:** Meeting agendas. High level meeting summary and action items.

### **Task 5 – Project Management**

- a. The Consultant will be in regular communication with the District. Consultant will prepare a brief progress report and will submit invoices monthly for 14 months. **Deliverable:** Monthly progress reports.

**Assumptions:**

- The Corps may need to prepare a document to comply with the National Environmental Policy Act (NEPA) in order to approve the ILF Program. The preparation of such a document (e.g., Environmental Assessment) is not part of this scope of work but could be added later at additional cost.
- The District is assumed to be the ILF Program sponsor (i.e., the entity overseeing the implementation of the program).
- The participating organizations and agencies in the ILF program will include The Nature Conservancy, Clark County, and the Southern Nevada Water Authority.
- Preparation of the concept plan will require a one-day site assessment and the site will be less than 50 acres.
- A wetland delineation, detailed topographic surveys, Phase I Environmental Assessment, and other technical studies will not be prepared as part of the concept plan.
- Information needed to prepare the draft prospectus will be based on existing regional wetland information from publicly available sources.
- The District will collect and consolidate comments from participating organizations and agencies before providing those comments to the Consultant.
- The draft prospectus will undergo one round of revisions based on comments from the Corps and IRT.
- The draft instrument will undergo one round of revisions based on comments from the Corps and IRT.
- The service area of the ILF will be a subset of non-federal lands in Clark County to be determined as part of this project.

## **EXHIBIT B**

### **PROJECT STUDY AREA CLARK COUNTY IN-LIEU FEE PROGRAM**

The basic project study area consists of Clark County, Nevada, including the cities of Boulder City, Henderson, Las Vegas, Mesquite, North Las Vegas and portions of unincorporated Clark County, Nevada

**EXHIBIT C**

**PROJECT TIME SCHEDULE  
CLARK COUNTY IN-LIEU FEE PROGRAM**

<b>BASIC SERVICES</b>	<b>ESTIMATED DATE OF COMPLETION</b>
Task 1 – Site Selection and Evaluation	October 31, 2018
Task 2 – Prospectus	June 30, 2019
Task 3 – Instrument	June 30, 2019
Task 4 – Attend Meetings	Ongoing
Task 5 – Project Management	Ongoing

**EXHIBIT D**

**CONSULTANT'S FEE SCHEDULE  
CLARK COUNTY IN-LIEU FEE PROGRAM**

<b>Classification</b>	<b>HOURLY SALARY RANGES</b>	
	<b>Jan. 1, 2018- Dec. 31, 2018</b>	<b>Jan. 1, 2019- Dec. 31, 2019</b>
Sr. Project Director	\$245 to \$275	\$252.35 to \$283.25
Project Director	\$195 to \$225	\$200.85 to \$231.75
Associate Consultant I-Planner	\$80 to \$110	\$82.40 to \$113.30
Associate Consultant II-GIS	\$100 to \$130	\$103.00 to \$133.90
Associate Consultant III-Sr. Review	\$175 to \$205	\$180.25 to \$211.15
Senior Technical Analyst-Senior Restoration	\$185 to \$215	\$190.55 to \$221.45
Associate Consultant-Editor	\$90 to \$120	\$92.70 to \$123.60
Associate Consultant-Production	\$90 to \$120	\$92.70 to \$123.60
Associate Consultant III-Restoration	\$105 to \$135	\$108.15 to \$139.05

**EXHIBIT E**  
**COSTS BY TASK**  
**CLARK COUNTY IN-LIEU FEE PROGRAM**

**BASIC SERVICES**

Task 1 – Site Selection and Evaluation	\$16,076
Task 2 – Prospectus	\$42,156
Task 3 – Instrument	\$28,582
Task 4 – Attend Meetings	\$ 6,560
Task 5 – Project Management	<u>\$ 2,840</u>
<b>TOTAL BASIC SERVICES</b>	<b>\$96,214</b>
<b>DIRECT COSTS</b>	<b><u>\$ 2,783</u></b>
<b>TOTAL SERVICES</b>	<b><u>\$98,997</u></b>

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

REQUEST FOR PROPOSALS TO PREPARE A MASTER PLAN UPDATE FOR THE OUTLYING AREAS OF CLARK COUNTY, NEVADA INCLUDING BLUE DIAMOND, COYOTE SPRINGS, GOODSPRINGS, INDIAN SPRINGS, JEAN, LAUGHLIN, MOUNT CHARLESTON, NELSON, PRIMM, AND SEARCHLIGHT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD AUTHORIZE THE GENERAL MANAGER/CHIEF ENGINEER TO ISSUE A REQUEST FOR PROPOSALS FROM INTERESTED AND QUALIFIED ENGINEERING FIRMS, SELECT A CONSULTANT, AND NEGOTIATE A PROFESSIONAL SERVICES CONTRACT TO PREPARE A MASTER PLAN UPDATE FOR THE OUTLYING AREAS OF CLARK COUNTY, NEVADA INCLUDING BLUE DIAMOND, COYOTE SPRINGS, GOODSPRINGS, INDIAN SPRINGS, JEAN, LAUGHLIN, MOUNT CHARLESTON, NELSON, PRIMM, AND SEARCHLIGHT (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None.

**BACKGROUND:**

The District is required by statute (NRS 543.596) to update the Master Plan at least once every five years. The Master Plan for the Outlying Areas of Clark County was last updated and adopted by the Board on April 10, 2014.


At this time, District staff requests that the Board authorize the General Manager/Chief Engineer to solicit proposals, select a consultant and negotiate a contract to prepare a Master Plan Update for the Outlying Areas of Clark County, Nevada including Blue Diamond, Coyote Springs, Goodsprings, Indian Springs, Jean, Laughlin, Mount Charleston, Nelson, Primm, and Searchlight. Funding for this Master Plan Update is included in the FY 2018-19 budget approved by the Board on April 12, 2018.

TAC AGENDA ITEM #09 Date: 04/26/18	RFCD AGENDA ITEM # Date: 05/24/18
CAC AGENDA ITEM #09 Date: 04/30/18	



It is expected that a professional services contract to perform this work will be before the Board in September 2018 and completion of the Master Plan Update will be finalized and presented to the Board for adoption in November 2019. A copy of the Request for Proposals and Draft Scope of Work are included in the backup for your review.

Respectfully submitted,

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

TAC AGENDA ITEM #09 Date: 04/26/18	RFCD AGENDA ITEM # Date: 05/24/18
CAC AGENDA ITEM #09 Date: 04/30/18	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

MASTER PLAN UPDATE FOR THE OUTLYING AREAS OF CLARK COUNTY, NEVADA INCLUDING BLUE DIAMOND, COYOTE SPRINGS, GOODSPPRINGS, INDIAN SPRINGS, JEAN, LAUGHLIN, MOUNT CHARLESTON, NELSON, PRIMM, AND SEARCHLIGHT REQUEST FOR PROPOSALS

The District is required by statute (NRS 543.596) to update the Master Plan at least once every five years. The Master Plan for the Outlying Areas of Clark County was last updated and adopted by the Board on April 10, 2014.

At this time, District staff requests that the Board authorize the General Manager/Chief Engineer to solicit proposals, select a consultant and negotiate a contract to prepare a Master Plan Update for the Outlying Areas of Clark County, Nevada including Blue Diamond, Coyote Springs, Goodsprings, Indian Springs, Jean, Laughlin, Mount Charleston, Nelson, Primm, and Searchlight. Funding for this Master Plan Update is included in the FY 2018-19 budget approved by the Board on April 12, 2018.

It is expected that a professional services contract to perform this work will be before the Board in September 2018 and completion of the Master Plan Update will be finalized and presented to the Board for adoption in November 2019.

A copy of the Request for Proposals and Draft Scope of Work are included in the back-up.

**Staff Recommendation:**

That the Board approve and authorize the General Manager to issue a Request for Proposals, select a consultant and negotiate a professional services contract to prepare a Master Plan Update for the Outlying Areas of Clark County, Nevada including Blue Diamond, Coyote Springs, Goodsprings, Indian Springs, Jean, Laughlin, Mount Charleston, Nelson, Primm, and Searchlight.

**Discussion by Technical Advisory Committee:**

AGENDA  
#09 Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#09 Date: 04/30/18

**Recommendation:**

042618 RFP-Outlying Areas-aid

### Tentative Schedule

April 26, 2018 (Thursday)	RFP request to TAC
May 24, 2018 (Thursday)	RFP request to Board
May 24, 2018 (Thursday)	Issue RFP
<i>Three Weeks</i>	
June 14, 2018 (Thursday)	Receive proposals
<i>Two weeks</i>	Rank Proposals
June 28, 2018 (Thursday)	Select respondents for oral interview (short list) <i>(Optional)</i>
<i>1.5 weeks</i>	
July 9, 2018 (Monday)	Hold Interviews <i>(Optional)</i>
July 12, 2018 (Thursday)	Notify selected consultant Begin Contract Negotiation
<i>Three weeks</i>	
August 2, 2018 (Thursday)	Finalize Contract Negotiation
August 30, 2018 (Thursday)	Consultant Contract to TAC
September 13, 2018 (Thursday)	Consultant Contract to Board, NTP

TO: INTERESTED CONSULTING ENGINEERING FIRMS

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

SUBJECT: REQUEST FOR PROPOSALS TO PREPARE A MASTER PLAN UPDATE FOR THE OUTLYING AREAS OF CLARK COUNTY, NEVADA, INCLUDING BLUE DIAMOND, COYOTE SPRINGS, GOODSPRINGS, INDIAN SPRINGS, JEAN, LAUGHLIN, MOUNT CHARLESTON, NELSON, PRIMM, AND SEARCHLIGHT.

DATE: MAY 24, 2018

***ADVERTISEMENT NOTICE***

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT  
REQUEST FOR PROPOSALS  
TO PREPARE A MASTER PLAN UPDATE FOR THE  
OUTLYING AREAS OF CLARK COUNTY, NEVADA

The Clark County Regional Flood Control District is requesting proposals from engineering firms desiring to provide consulting services to prepare a Master Plan Update for the Outlying Areas of Clark County, Nevada.

Interested consulting firms must obtain a proposal package which details format requirements from the Regional Flood Control District Office at 600 South Grand Central Parkway, Suite 300, Las Vegas, Nevada, 89106-4511. **Proposals will be received up to the hour of 4:00 p.m., prevailing local time, on June 14, 2018. LATE SUBMITTALS WILL NOT BE ACCEPTED!**

***PROJECT DESCRIPTION***

The District is required by statute (NRS 543.596) to update the Master Plan at least once every five years. The Master Plan for the Outlying Areas of Clark County was last updated and adopted by the Board on April 10, 2014. Preparation of the Master Plan Update for the Outlying Areas of Clark County, Nevada, will involve compiling relevant data and performing a thorough review and update of the current Master Plan report, figures, appendix, and data. This data includes but is not limited to: inventories of existing facilities; hydrologic models; hydraulic models; land use information; development plans; costs; graphics; GIS coverages and databases; and flood control related engineering data developed within the past five years for land

development and public works projects; and review of issues related to long range planning for the Ivanpah Valley. The presently effective Master Plans will be the basis for the update. The information derived from the above activities will be used to develop a cohesive, independent document with supporting appendix and analysis. Final deliverables will also include Master Plan information in electronic form (e.g., hydrologic/hydraulic models, cost data, spreadsheets, and GIS data which can be readily incorporated into the District's GIS system).

### ***FORMAT REQUIREMENTS***

Interested consulting firms are requested to submit five (5) hard copies of their proposal. An identical electronic (PDF) version of the proposal must also be provided. The proposals will be received up to the hour of 4:00 p.m., prevailing local time, on June 14, 2018, at the District offices located at 600 South Grand Central Parkway, Suite 300, Las Vegas, Nevada, 89106-4511. Submittals must be clearly labeled "ATTENTION: Outlying Areas Master Plan Update – Proposal to Provide Services". Please direct any questions you might have to Andrew Trelease (702) 685-0000 (atrelease@regionalflood.org).

To be considered for evaluation proposals must follow the format prescribed below.

Part 1. Cover letter (One page)

Part 2. Up to five (5) pages of standard typewritten text is allowed to describe what talents, skills, experience, expertise and equipment the consultant has to offer with respect to flood control planning. The discussion should include a summary of project understanding, proposed approach and descriptions of past performance in management, cost control, timely performance and thoroughness of work on similar projects. Facing pages may be used for pictures, charts, graphs, or other graphics with minimal text if desired.

Part 3. Organizational Chart

Part 4. Resumes of key personnel

Part 5. Flood Control - Statement of Qualifications (Forms Attached). Item 13, flood control experience, will be reviewed for demonstration of experience with flood control planning, engineering, GIS and related automated mapping/data base tools.

Part 6. Corporate brochures may be attached to the Proposal (Optional).

Proposals will be evaluated based on demonstration of the following:

- Project understanding and overall knowledge of flood control needs in the various study areas.
- Understanding of the factors involved in preparation and coordination of a Master Plan Update.

- Experience of the firm and key personnel in hydrologic/hydraulic/sediment transport modeling, flood control planning/design, the use of GIS and related automated mapping/data base tools and the ability to compile information and perform the appropriate engineering analyses.
- Ability to staff project with experienced personnel and availability of staff for this project.
- Ability to coordinate and schedule the work with local, state and federal agencies.
- Past technical and project management performance on similar projects.

Submittals WILL be disqualified from evaluation for the following reasons:

- Submittals received after the deadline specified in the *Advertisement Notice*. THERE WILL BE NO EXCEPTIONS TO THIS DEADLINE.
- Failure to follow the format outlined above.
- Failure to demonstrate that the firm has a Nevada registered professional engineer in direct responsible supervision of the work to be performed (NRS 625.240).

This Request for Proposals does not commit the Clark County Regional Flood Control District to pay any costs incurred in the submittal of your Proposal. This Request for Proposals does not commit the Clark County Regional Flood Control District to procure or contract respondent's services. The Clark County Regional Flood Control District reserves the right to reject any or all firms if deemed to be in the best interest of the District.

\_\_\_\_\_  
Steven C. Parrish, P.E.  
General Manager/Chief Engineer  
Clark County Regional Flood Control District

\_\_\_\_/\_\_\_\_/2018  
DATE

**MASTER PLAN UPDATE  
CLARK COUNTY OUTLYING AREAS  
DRAFT SCOPE OF WORK**

Project Description

The Clark County Regional Flood Control District is responsible for developing comprehensive flood control master plans for the planning areas within Clark County. The District is also required by statute (NRS 543.596) to update Master Plans at least once every five years. The Master Plan for the Outlying Areas of Clark County was last updated and adopted by the Board on April 10, 2014.

The Clark County Outlying Study Areas include Blue Diamond, Coyote Springs, Goodsprings, Indian Springs, Jean, Laughlin, Mount Charleston, Nelson, Primm and Searchlight. The project will include updating the existing structures inventory, reviewing the validity of the current Master Plan and, if necessary, developing alternatives and final recommendations through coordination with the District, Clark County Department of Public Works and the appropriate Town Boards. The 2014 Outlying Areas MPU will be the basis for the update. It is anticipated that the final MPU document will be completed and presented to the Board for adoption in November 2019.

**I. Reconnaissance**

The reconnaissance task will be performed to establish the background information required to update the CCRFCD Master Plan for the Clark County Outlying Areas. The consultant will collect and review available pertinent data from Clark County, the CCRFCD, and other outside sources. Data to be collected and reviewed will include but is not necessarily limited to the following:

- 2014 and 2009 Clark County Outlying Areas Master Plans, GIS Data, Model Files
- NDOT studies
- Flood insurance studies, LOMRs, CLOMRs
- Preliminary Engineering Reports, design reports and technical drainage studies
- Historical flooding information
- Other existing hydrologic and hydraulic reports
- As-built plans for existing structures
- CCRFCD Hydrologic Criteria and Drainage Design Manual
- Other Regional and local drainage master plans
- Development master plans
- Existing and proposed land use
- Latest planning data for Ivanpah Valley/I-15 corridor south
- Road and utility master plans
- NRCS soil surveys and maps
- Watershed and topographic maps
- Land ownership



- Trail plans
- Right-of-way information

## **II. Update the Inventory of Existing Facilities**

The existing inventory of drainage structures will be reviewed and revised using as-built plans and field reconnaissance. Conveyance capacities will be estimated for each structure larger than 36 inches in diameter using standard methods described in the CCRFCD Hydrologic Criteria and Drainage Design Manual. This update includes:

- Collect plans for recently constructed flood control and drainage facilities
- Verify the inventory of existing facilities on the current Master Plan
- Note size and capacity of each facility inventoried

## **III. Update the Hydrologic Model for the various Study Areas**

The hydrologic models of the study areas will be updated to reflect current and planned development and existing drainage facilities. This will include a review of hydrologic parameters, such as subbasin delineation, flow paths, soils data, land use data, CN values, time of concentration, rainfall, etc. The hydrologic models will be based on ultimate condition assuming full developed condition (i.e., future land use) and that all regional facilities are in place. Methodology used will be consistent with District's Hydrologic Criteria and Drainage Design Manual. The hydrologic update includes:

- Review and update (if necessary) of all hydrologic models and parameters
- Determine design storm centerings for master planning
- Calculate 100-year discharges for master planning purposes
- Preparing exhibits and/or summarizing results for discussion at progress meetings

## **IV. Plan Formulation and Cost Estimates**

Facilities recommended in the existing Master Plans will be reviewed for current feasibility considering the results of the previous tasks.

Additional alternatives and recommended flood control facilities will also be developed, where appropriate, through coordination with the District and Clark County. Approximate size, depth, storage, configuration, and conceptual costs will be estimated for each alternative. One final alternative (plan) will be recommended for each study area. The facility plan will be evaluated based on cost effectiveness, land use impacts, phasing capabilities, and identified environmental impacts (no detailed environmental assessment is included in this scope.) Cost opinions will be based on a cost estimating tool provided by the District. This task includes:

- Evaluate/verify existing facility conveyance capacity
- Evaluate previously proposed facilities to confirm reasonableness and effectiveness

- Develop new facility recommendations where needed or appropriate
- Develop facility cost estimates, including construction, design, right-of-way, environmental mitigation, etc.
- Prepare summary tables or exhibits summarizing recommended plan for discussion at progress meetings

## **V. Report Preparation**

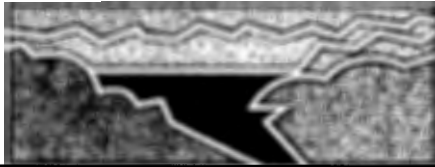
Draft and final Master Plan Update Reports will be prepared to present the results of Tasks I-IV for each of the planning areas. Hard copies of each final report and each technical appendix will be provided to the District along with electronic copies of the reports and technical appendices. This includes:

- Detail methodologies and results of Tasks I through IV above in text and tabular form.
- Update graphics with latest available aerial photography as base to show results of Tasks I through IV above including but not limited to:
  1. Inventory of Existing Facilities
  2. Soils data
  3. Sub-basin Maps
  4. Alternative Development
  5. Description of Alternatives and Schematic Plans
  6. Cost Estimates
  7. Description of Recommended Plan(s)
  8. Relative Priority and Phasing of Recommended Plan
- Prepare hard copies of the Master Plan Update for distribution.
- Provide all mapping and data base information in electronic format in conformance with the GIS data delivery specification provided by the District.
- Coordinate with the District regarding specific format and attributes of GIS data deliverables to ensure seamless integration into the District's database at the end of the project

## **VI. Project Management**

Progress/coordination meetings will be held monthly or as necessary with a planning committee formed by the affected entities and other interested parties identified by the District. The consultant will be responsible for preparing agendas and minutes for all meetings. The consultant may also be required to attend and participate in project initial, intermediate and/or final recommendation presentations to all affected governmental Advisory Committees, Boards and Commissions.

# REGIONAL FLOOD CONTROL DISTRICT



## FLOOD CONTROL STATEMENT OF QUALIFICATIONS

Regional Flood Control District  
600 S. Grand Central Parkway, Suite 300  
Las Vegas, NV 89106-4511  
(702) 685-0000

Date    /    /   

Firm's Name: \_\_\_\_\_

1. Local Office Information

Address: \_\_\_\_\_

Telephone Number: ( \_\_\_\_\_ ) \_\_\_\_\_

Number of Employees who are Clark County Residents: \_\_\_\_\_

2. Corporate Office Information

Address: \_\_\_\_\_

Year Firm Established: \_\_\_\_\_

Number of Employees: \_\_\_\_\_

3. List locations of other offices (no more than five):

Address	Telephone	No. of Personnel
a. _____	_____	_____
b. _____	_____	_____
c. _____	_____	_____
d. _____	_____	_____
e. _____	_____	_____

4. Office where the majority of this work will be performed: \_\_\_\_\_

\_\_\_\_\_

5. Principals (2):

Name	Title	Telephone Number
_____	_____	_____
_____	_____	_____

6. Professional Engineers resident on staff to be in direct responsible supervision of work (3):

Name	Title	NV License Number	Telephone Number
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7. Errors and omissions insurance

Carrier's name and address: \_\_\_\_\_

Amount your firm presently carries: \$ \_\_\_\_\_

If no insurance, state other arrangements: \_\_\_\_\_

\_\_\_\_\_

8. Number of projects your firm is currently working on and has worked on in the last five years as indicated:

	Current/Active	Last 5 Years
Public/Government	_____	_____
Commercial	_____	_____
Residential	_____	_____
Other	_____	_____

9. Present and past CCRFCD funded project history:

Project Name	Lead Entity	Consultant Contract Amount
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
_____	_____	\$ _____
<b>TOTAL</b>		\$ _____







13. List firm's (consultant team's) experience for last ten years in flood control design and planning studies and use of GIS and/or related automated mapping/database tools:

Project Name	<b>Project Description:</b> 1. List location and owner of project 2. List any special features or function of project 3. List name of engineer in charge of project	Describe Services Rendered	Total Fees Earned	Total Project Costs



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

DISCUSSION AND POSSIBLE ACTION TO APPROVE THE PRIORITIZATION OF PROJECTS, TEN-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 2018-2019 PROJECT LIST

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

RECEIVE INFORMATION FOR THE DEVELOPMENT OF THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 2018-2019 PROJECT LIST AND TAKE ANY ACTION DEEMED APPROPRIATE (FOR POSSIBLE ACTION)

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

**BACKGROUND:** The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 8, 2017, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2017-2018 Project List.

The District has utilized a third party financial advisor to provide growth estimates of future revenue and inflation. The consultant prepared estimates for three different scenarios of low, moderate and high economic growth. The TYCP incorporates the moderate economic growth estimates. Based on actual sales tax receipts through December 2017, original projected sales tax revenues for fiscal year 2017-18 of \$100,700,000 have been revised upward by 1.4% to \$102,074,000. 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: 04/26/18	TAC AGENDA ITEM #09 Date: 03/29/18	RFCD AGENDA ITEM # Date:
CAC AGENDA ITEM #10 Date: 04/30/18	CAC AGENDA ITEM #09 Date: 04/02/18	

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

	FY 17/18	FY 18/19 Yr-1	FY 19/20 Yr-2	FY 20/21 Yr-3	FY 21/22 Yr-4	FY 22/23 Yr-5	FY 23/24 Yr-6	FY 24/25 Yr-7	FY 25/26 Yr-8	FY 26/27 Yr-9	FY 27/28 Yr-10
Revenue	Base	3.2%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Inflation	Previous	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Adjust*	-	5.0%	5.0%								

\*Refer to Memorandum dated March 21, 2018 for explanation.

Total estimated new resources for the FY 2018-19 TYCP are \$886,352,535, which is a two percent (2%) increase from estimated resources for the FY 2017-18 TYCP of \$868,580,713. 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, \$200 million in bonds are programmed and in fiscal year 2024-25, \$200 million are programmed. Total estimated resources including unencumbered resources from previous years for the FY 2018-19 TYCP are approximately \$919 million up about 2.0 percent from total estimated resources for the FY 2017-18 TYCP of \$901 million. Year-1 resources for FY 2018-19 are approximately \$82.0 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 September 12, 2013. 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 8.35%; Las Vegas 38.70%; North Las Vegas 19.22%; Clark County 29.62%; Boulder City 1.95% and Mesquite 2.16%.

The following exhibits are attached:

**Memorandum dated March 21, 2018** – Details recommendations for cost inflation indexes.

**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 2013 Las Vegas Valley MPU.

TAC AGENDA ITEM #10 Date: 04/26/18	TAC AGENDA ITEM #09 Date: 03/29/18	RFCD AGENDA ITEM # Date:
CAC AGENDA ITEM #10 Date: 04/30/18	CAC AGENDA ITEM #09 Date: 04/02/18	

**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 2018.

A draft TYCP will be presented to the TAC on May 31, 2018 and the Board of Directors on June 14, 2018. Entity drafts should be forwarded to the District for review, coordination and final compilation no later than Monday, April 23, 2018. Electronic copies and instructions for completing a draft TYCP for FY 2018-2019 have been distributed to each entity for use in developing and coordinating their proposed TYCP input.

Respectfully submitted,



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

TAC AGENDA ITEM #10 Date: 04/26/18	TAC AGENDA ITEM #09 Date: 03/29/18	RFCD AGENDA ITEM # Date:
CAC AGENDA ITEM #10 Date: 04/30/18	CAC AGENDA ITEM #09 Date: 04/02/18	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

RECEIVE INFORMATION FOR THE DEVELOPMENT OF THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM (TYCP) AND FISCAL YEAR 2018-2019 PROJECT LIST

The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 8, 2017, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2017-2018 Project List.

The District has utilized a third party financial advisor to provide growth estimates of future revenue and inflation. The consultant prepared estimates for three different scenarios of low, moderate and high economic growth. The TYCP incorporates the moderate 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 17/18	FY 18/19 Yr-1	FY 19/20 Yr-2	FY 20/21 Yr-3	FY 21/22 Yr-4	FY 22/23 Yr-5	FY 23/24 Yr-6	FY 24/25 Yr-7	FY 25/26 Yr-8	FY 26/27 Yr-9	FY 27/28 Yr-10
Revenue	Base	3.2%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.5%
Inflation	Previous	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Adjust*	-	5.0%	5.0%	-	-	-	-	-	-	-	-

\*Refer to Memorandum date March 21, 2018 for explanation.

Year-1 resources for FY 2018-19 are approximately \$82 million. Total estimated resources for the FY 2018-19 TYCP are approximately \$919 million.

**Staff Recommendation:**

Receive information for the development of the TYCP.

**Discussion by Technical Advisory Committee:**

AGENDA  
#10 Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#10 Date: 04/30/18

**Recommendation:**

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 03/19/18

RECEIVE INFORMATION FOR THE DEVELOPMENT OF THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM (TYCP) AND FISCAL YEAR 2018-2019 PROJECT LIST

The Ten-Year Construction Program (TYCP) and Fiscal Year Project List are required to be updated annually. On June 8, 2017, the Board approved the Prioritization of Projects, Ten-Year Construction Program, and Fiscal Year 2017-2018 Project List.

The District has utilized a third party financial advisor to provide growth estimates of future revenue and inflation. The consultant prepared estimates for three different scenarios of low, moderate and high economic growth. The TYCP incorporates the moderate 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 17/18	FY 18/19 Yr-1	FY 19/20 Yr-2	FY 20/21 Yr-3	FY 21/22 Yr-4	FY 22/23 Yr-5	FY 23/24 Yr-6	FY 24/25 Yr-7	FY 25/26 Yr-8	FY 26/27 Yr-9	FY 27/28 Yr-10
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Inflation	Previous	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%	3.0%
Adjust*	-	5.0%	5.0%	-	-	-	-	-	-	-	-

\*Refer to Memorandum date March 21, 2018 for explanation.

Year-1 resources for FY 2018-19 are approximately \$82 million. Total estimated resources for the FY 2018-19 TYCP are approximately \$919 million.

**Staff Recommendation:**

Receive information for the development of the TYCP.

**Discussion by Technical Advisory Committee:**

AGENDA  
#09 Date: 03/29/18

**Recommendation:**

Receive information for the development of the TYCP.

**Discussion by Citizens Advisory Committee:**

AGENDA  
#09 Date: 04/02/18

**Recommendation:**

Receive information for the development of the TYCP.

# MEMORANDUM

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



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

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

**SUBJECT:** Project Cost Indices Fiscal Year 2018/2019

**DATE:** March 21, 2018

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Included in this memorandum are recommendations for project cost indices for use in forward planning for the Fiscal Year (FY) 2018/19 Ten Year Construction Program.

**Project Cost Index:** The following table shows recommendations for project cost indices from the previous year along with the new recommended cost indices for next fiscal year and beyond. The proposed indices will be used for construction, design and right-of-way. Facility costs are evaluated every five years with the update to the master plan for the facilities. The indices are developed each year to adjust the costs estimated during the master plan update (MPU) process. The Las Vegas Valley Master Plan was updated and adopted by Board in September 2013. New facility costs were established with the update. The facility costs presented in the 2013 MPU represented an approximate 23% reduction from the costs developed for the 2008 MPU to better match the bidding climate at that time. The inflation factors presented in this memo will adjust the base line established in the 2013 MPU to account for anticipated adjustments needed based on forecasts of future economic conditions. Adjustment factors are being applied to FY 18/19 and FY 19/20 to adjust for escalating costs of construction experienced through the economic recovery. Based on information provided in this memo, the local economy appears to be stable and steadily growing. New home sales have shown a year over year increase, and the residential and commercial market is expected to continue to grow in 2018. The construction cost index for flood control facilities shows a significant upward trend in capital costs for flood control facilities since FY 13/14. The trend thus far into FY 17/18 shows construction costs for these facilities are continuing to rise. District staff recommends revising the project cost index for FY 18/19 and beyond to 3.0% for inflation, and apply a 5% adjustment factor for FY 18/19 and FY 19/20 for the reasons noted above and listed in this memo.

Fiscal Year	Previous Project Indices	Proposed Project Indices	
		Inflation	Adjustment Factor
FY 17/18	5%	-	-
FY 18/19	4%	3%	5%
FY 19/20	3%	3%	5%
FY 20/21	3%	3%	-
FY 21/22	3%	3%	-
FY 22/23	3%	3%	-
Out Years	3%	3%	-



## **Background Information**

### **General Information**

The local economy continued to show steady growth over the 2017 calendar year. The Greater Las Vegas association of Realtors (GVLAR) reported that 2017 was the third best sales year on record, statewide unemployment remains steady at 5%, consistent taxable sales numbers (0.3% increase in FY 2017)<sup>2</sup> and healthy tourism numbers indicate continued economic recovery in southern Nevada. Despite possible escalation of inflation rates and other fiscal uncertainties in Washington DC, the general consensus among construction industry executives is for continued growth in the construction market, at least into the middle of 2019.<sup>1</sup> Our expectation is that construction costs will increase through 2018 with increasing inflationary pressure over the next several years.

### **Major Economic Indicators (National)**

- Consumer Price Index (CPI): The all items CPI rose 2.1% over the last 12 months ending in January 2018 indicating a slightly higher cost for goods and services in 2017.
- Producer Price Index (PPI): The PPI is a group of indices that measures the average change over time in prices received by producers for domestically produced goods, services and construction. The PPI index for final demand increased 2.7% for the 12 months ending in January 2018.
- Employment Cost Index: Over the year ending in December 2017:
  - Private Industry: Wages and salaries are up 2.8%; benefits rose 2.3%.
  - State and Local: Wages and salaries are up 2.1%; benefits rose 3.2%.

### **Unemployment**

Statewide in Nevada the seasonally adjusted unemployment rate through December 2017 was 5.0%, which is down slightly from 5.1% from the same time last year and the lowest rate since December 2007 according to the Nevada Department of Employment, Training and Rehabilitation. In Clark County, the unemployment rate was 4.9%, down from 5.0% reported last year. Construction jobs in the Las Vegas area increased by 18.3% in 2017. Nationally, the seasonally adjusted unemployment rate was 4.1% through December 2017.<sup>3</sup>

### **Local Economy**

Year to date visitor volume for Las Vegas decreased by 1.7% from the previous year through December 2017. Las Vegas hosted approximately 42.2 million visitors in 2017, which was down from 42.9 million in 2016. The Las Vegas Convention and Visitors authority attributed the drop in visitor volume to a combination of factors, including the October 1, 2017 mass shooting on the Las Vegas

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<sup>1</sup>Engineering News Record December 25, 2017

<sup>2</sup>Nevada Department of Taxation

<sup>3</sup>U.S. Department of Labor; Bureau of Labor Statistics, December 2017



Strip, and reduced room inventory due to several Strip hotel renovation projects. Convention attendance broke an all-time record with approximately 6.6 million attendees coming to Las Vegas, an increase of 5.3% from 2016. Passenger traffic at the airport rose 2.2% and vehicular traffic on all major highways is up 1%. Gaming revenues for Clark County increased 2.7% in 2017. Year to date, occupancy rate citywide was 88.7% through December 2017, which is a slight decrease from a year ago. Additionally, the average daily room rate rose 2.8% through December 2017 compared to the same period in 2016.<sup>4</sup> Despite the slight decreases in visitor volume and occupancy rate, these results indicate the continued steady growth of tourism in Southern Nevada.

### **Residential Construction**

The Greater Las Vegas Association of Realtors (GLVAR) reported that 2017 was one of the best years on record for local home sales, despite a tight housing supply. As of September 2017, a 12-month total of 8,475 new home sales were closed in Las Vegas, up 10.8% from the same time last year. The median price of \$358,622 represents a 9.3% increase from September 2016. *Note that the 2017 4<sup>th</sup> quarter data had not been released at the time of this writing. Therefore, 12-month 3<sup>rd</sup> quarter data was used as a comparison.* Through the 12-month period 9,177 new home permits were issued, which is a 10.8% increase from September 2016. Figure 1 shows data obtained from the Southern Nevada Home Builders and the Salestraq websites that presents the number of new homes sold through 2017 versus the median new home price. GLVAR reported that 46,598 existing local properties sold during the 2017 calendar year, making it the third best sales year on record and the best year for existing local home sales since 2011. Local home prices ended 2017 with a \$267,900 median price for existing single-family homes, up 14.0% from a year ago.

GLVAR reported that the number of distressed sales continued to decline in 2017. Short sales and foreclosures combined to account for just 3.6 percent of all existing local home sales in December 2017. This is down from 11 percent in December of 2016.

The biggest challenge to the market continues to be lack of inventory. GVLAR reported a local housing supply of less than two months; a 6-month supply is considered a balanced market.

Meanwhile, interest rates continue to climb, pushing up borrowing costs. The week of March 8, 2018, Freddie Mac reported that mortgage rates are up for the ninth consecutive week. The national weekly average 30-year fixed mortgage rate was 4.46 percent, its highest level since January 2014.

<sup>4</sup>LVCVA Year End Summary for 2017 and Las Vegas Tourism Construction Bulletin

<sup>5</sup>[www.salestraq.com](http://www.salestraq.com) and [www.snhba.com](http://www.snhba.com)



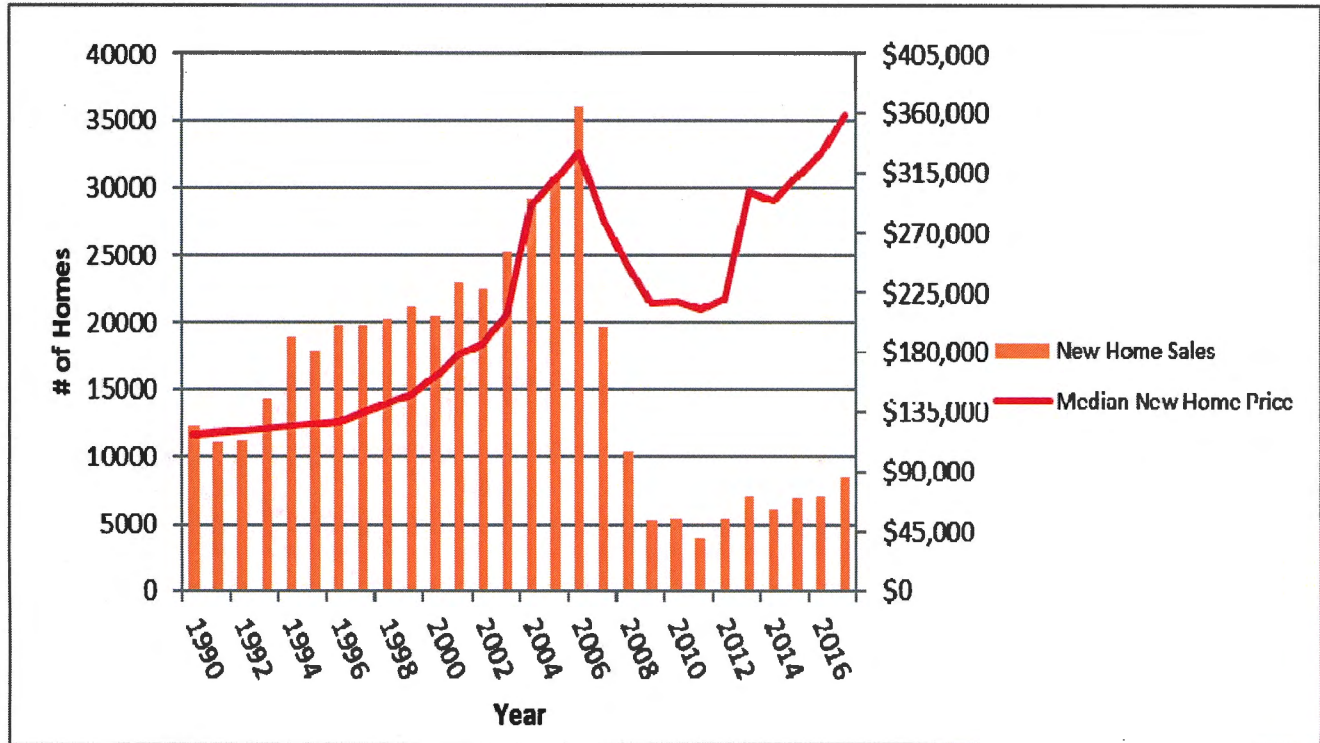


Figure 1 - Data obtained from [www.snhba.com](http://www.snhba.com) (1990-2011) and [www.salestraq.com](http://www.salestraq.com) (2012-2017)

**Commercial Construction**

The Las Vegas office market has been in a slow recovery since 2012. It appears that demand for office space is increasing, due in part to strong economic and population growth. Net absorption in Southern Nevada’s office market topped 1.0 million square feet in 2017, a distinct improvement over 2016 at approximately 655,000 square feet.<sup>11</sup> Moving forward into 2018, it is anticipated that Southern Nevada’s office market may be ready to transition into an expansion phase. The office space vacancy rate through the fourth quarter of 2017 dropped to 15.4%, down from 17.2% at the same time last year. At the end of 2017 there were approximately 1.5 million square feet of office space either under construction or planned. This is a dramatic increase from the end of 2016 with a reported 684,000 square feet in the pipeline. Numerous office projects around the southern 215 Beltway are expected to come online within the next two years. Although much of the new office construction will be speculative, it is anticipated that the commercial market will continue a positive trend. Leisure/hospitality continues to hold the largest share of the market at 25.9%. However, this is down from 27.4% reported at the same time last year, suggesting that employment diversification is maturing in Las Vegas.<sup>6</sup>

<sup>6</sup>Las Vegas Office Market Q4 2017 – Newmark Grubb Knight Frank

<sup>11</sup>Research & Forecast Report – Las Vegas Q4 2017 – Colliers International

The Las Vegas industrial market remained healthy through 2017 and should show continued growth in 2018. Logistics and manufacturing are at the forefront of economic revitalization in Southern Nevada, resulting from the fast growing e-commerce industry. Las Vegas has a geographical advantage for logistics occupiers, who are able to serve both Southern California and many communities in Arizona overnight as well as enjoy a host of business enticements. Construction is underway on several projects intended to increase transit capabilities in Southern Nevada. These include: Interstate 11, which will connect Phoenix to Las Vegas; and Interstate 15-Garnet Interchange, including frontage work along Apex Industrial Park. Recent distribution center additions and lease signings by companies such as Fanatics, Walmart, Bed Bath & Beyond, The Honest Co., and Amazon indicate the Las Vegas area industrial market remains attractive to large companies.<sup>7</sup>

### **Architectural Billing Index (ABI)**

Nationally, a good indicator of upcoming (nonresidential) construction is the architectural billing index. This index increases as the total dollar amount of billings from architectural firms increase. Generally, if the index is on the rise, construction starts will follow with a lag of about nine to twelve months. An index over 50 indicates an increase in billings. The American Institute of Architects (AIA), reported that 2017 ended with architecture firms continuing to report strong billings. The December 2017 ABI score was 52.9 down slightly from 55.0 in November 2017. Looking regionally, the billing index in the West is at 53.0, the Midwest is at 52.9, the Northeast is at 49.4, and the South is at 56.3, which is generally encouraging with the exception of the Northeast, which is reporting a slight decrease in design services.<sup>8</sup> Overall the indicators are positive over the last year for the non-residential construction industry.

### **Construction Cost Indices**

**Rider Levett Bucknall (RLB).** RLB reports for 4<sup>th</sup> quarter 2017 that the national construction cost index is 185.87, an increase of 4.2% over the 2016 index value of 178.34. This index is relative to a base of 100 set in April 2001. The 2017 Q4 report notes that recent surveys show that long-term industry confidence is slipping as a result of uncertainties in Washington DC. The future of the infrastructure initiative is unclear, and legislation on immigration and resident aliens threatens to destabilize the construction workforce. However, industry outlook is positive through the end of 2018.<sup>9</sup>

RLB also tracks costs locally for 13 different major metropolitan areas including Las Vegas. The index tracks the true bid cost of construction, including labor, material, overhead costs and profit. The index for Las Vegas in October 2017 is 13,766, which is up (3.2%) from the October 2016 value of 13,342. The index has shown a steady upward climb from early 2012 to date.<sup>9</sup>

<sup>7</sup>Las Vegas Industrial Market Q4 2017 – Newmark Grubb Knight Frank

<sup>8</sup>The American Institute of Architects, December 2017

<sup>9</sup>Rider Levett Bucknall – Quarterly Construction Cost Report, October 1, 2017



**Engineering News Record (ENR).** ENR provides a weighted aggregate index of the prices of constant quantities of structural steel, Portland cement, lumber and common labor. The base of the index is 100 set in 1913. They use data from 20 major metropolitan areas to compile their index. The index at the end of December 2017 is 10870, which is 3.3% higher than the index value of 10530 for December 2016. As reported in ENR, the market has been steadily growing for the past eight years, and industry executives believe growth will continue through 2018.<sup>10</sup>

**Regional Flood Control District (RFCD).** The RFCD Construction Cost Index (CCI) tracks winning bids for three major types of flood control structures: concrete box culvert, concrete pipe and concrete channels. These facilities were chosen since they are the prevalent types of structures constructed with District funds. The base of the index is 100 set in FY 04/05. The index for FY 17/18 is 189, which is a 31% increase from the index in FY 16/17 of 145. The general trend of the CCI shows costs have steadily increased for the past eight years since the great recession, with the most notable increases in the past four years. This increase can, in part, be attributed to material/labor costs, and the increased volume of capital improvement projects being constructed, which allows contractors to be more selective in projects they bid.

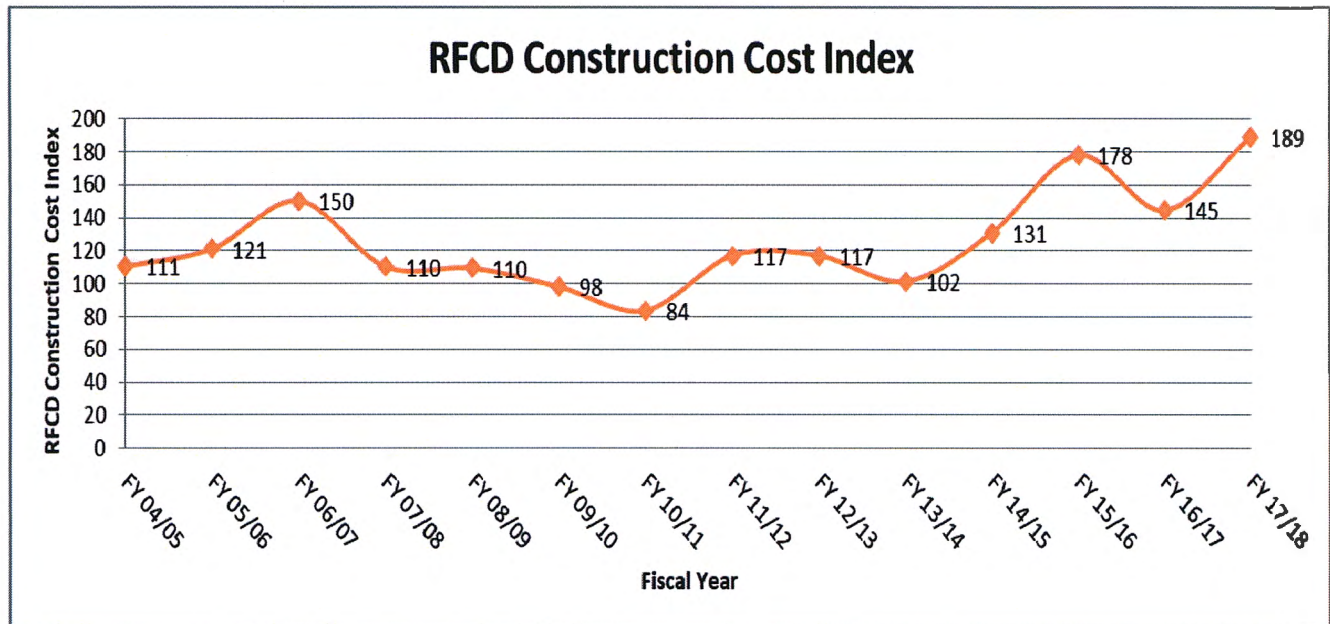


Figure 2 – RFCD Construction Cost Index.

<sup>9</sup>Rider Levett Bucknall – Quarterly Construction Cost Report, October 1, 2017

<sup>10</sup>ENR December 20, 2017

Figure 3 is a comparison between the average number of bidders per bid versus the difference between the engineer's estimate and the actual bid amount. The chart also compares actual bid results to Ten Year Construction Program adjusted and unadjusted MPU costs. Through March 2018, winning bid amounts averaged 3.3% above the engineer's estimate, 57% above adjusted, and 33% above unadjusted MPU costs. The average number of bidders remained at 7 bidders per project through the third quarter of FY 17/18. This average is well below the highest average number of bidders of 17.1 posted in FY 09/10. Historically bid prices tend to trend upward as the number of bidders decreases due to reduced competition among contractors making those bids.

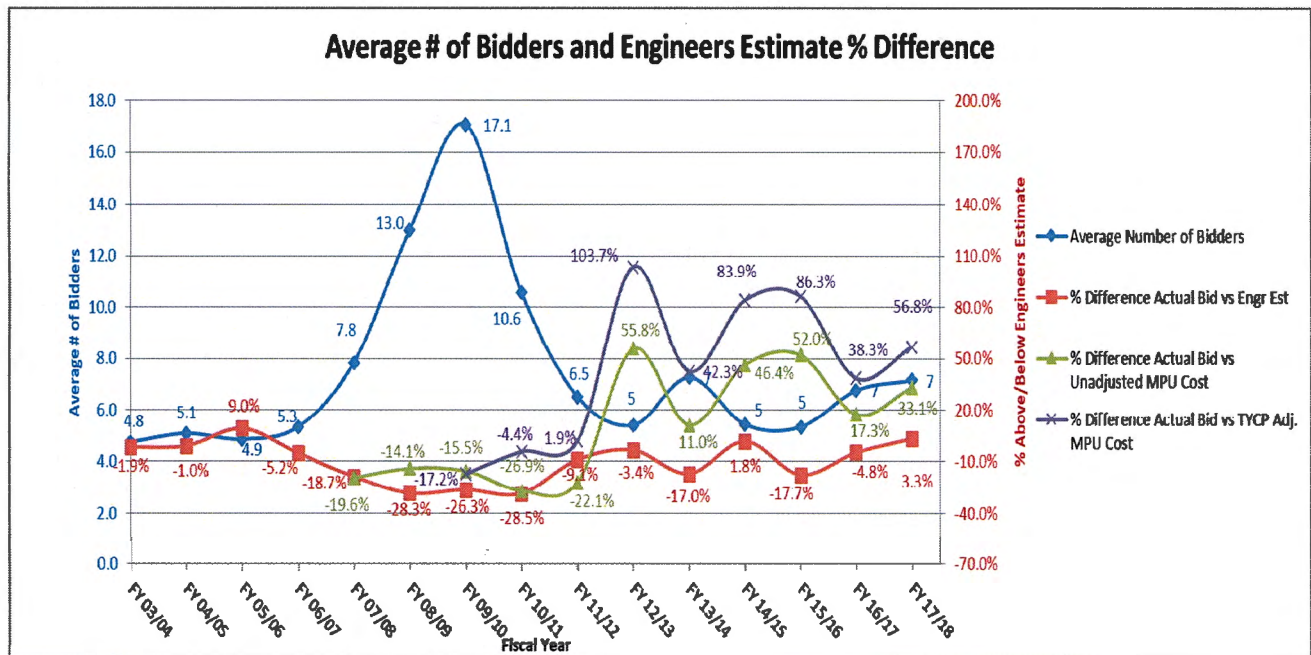


Figure 3 – Average # Bidders vs Estimated Costs - data obtained from RFCD bid results.

**Summary**

Construction forecasters are predicting growth nationally will continue to increase through 2018. Construction starts are anticipated to show growth in nearly every category including residential, commercial and industrial, and public sector construction. The unemployment rate continues to decline and Nevada is seeing steady growth in sales tax revenue. The architectural billings index is above 50, which is another indicator of growth. Local economic indicators also point to continued growth in the Las Vegas area through 2018 with similar positive trends in construction growth and unemployment as national trends. Over the past year, costs for general construction and flood control projects have increased. Based on the data included in this memo, staff believes that construction costs will trend higher in 2018 with gradual increases through 2018 and beyond.

As shown on Figure 3, the construction costs calculated by the District's Cost Tool with the Master Plan are lower than actual bid prices on flood control projects even with annual adjustments. District



staff recommends applying an adjustment factor to FY18/19 and FY19/20 in addition to inflation factors applied to each year in order to narrow the gap between estimated and actual costs.

There are inherent difficulties in completing this task, particularly when attempting to estimate how much costs will inflate/deflate beyond the next fiscal year. Many factors can impact the escalating cost of construction, one local factor which appears to be having an impact on construction costs in southern Nevada is the Fuel Revenue Indexing (FRI) initiative by the Regional Transportation Commission, which was introduced in 2014. The FRI is a tax on fuel to pay for roadway infrastructure. In 2016 Clark County voters decided to continue the program. The county fuel tax increase will be phased in over 10 years to raise roughly \$3 billion for local road construction, maintenance and repair projects. Since the work is similar to flood control construction, many of the same contractors bid on both types of projects. The RFCD Construction Cost Index (Figure 2) indicates an upward trend in construction costs beginning in FY15/16. To lessen the impact of fluctuations, this memo is updated annually with the Ten Year Construction Program giving us the opportunity to make adjustments to the percentages in accordance with changes in economic conditions.

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

## EXHIBIT A

### PROGRAMMING PERCENTAGES

Planning Area		Current MPU Total Costs (a)	Percent of Total Planning Area
<b>Henderson :</b>			
	C-1	\$33,164,068	1.83%
	Pittman	\$118,051,220	6.52%
	<b>Sub-total</b>	<b>\$151,215,288</b>	<b>8.35%</b>
<b>Las Vegas</b>			
	Central	\$395,297,740	21.82%
	Gowan	\$158,747,407	8.76%
	Upper Northern L V Wash	\$146,916,284	8.11%
	<b>Sub-total</b>	<b>\$700,961,431</b>	<b>38.70%</b>
<b>North Las Vegas</b>			
	Lower Northern L V Wash	\$141,545,513	7.81%
	Range	\$179,731,909	9.92%
	Lower L V Wash	\$26,866,588	1.48%
	<b>Sub-total</b>	<b>\$348,144,010</b>	<b>19.22%</b>
<b>Clark County</b>			
	Duck Cr/Blue Diamond	\$201,718,434	11.14%
	Tropicana/Flamingo	\$131,106,775	7.24%
	Outlying Areas	\$203,795,533	11.25%
	<b>Sub-total</b>	<b>\$536,620,742</b>	<b>29.62%</b>
<b>Boulder City :</b>			
	Boulder City	\$35,363,142	1.95%
	<b>Sub-total</b>	<b>\$35,363,142</b>	<b>1.95%</b>
<b>Mesquite :</b>			
	Mesquite	\$39,145,652	2.16%
	<b>Sub-total</b>	<b>\$39,145,652</b>	<b>2.16%</b>
<b>GRAND-TOTAL</b>		<b>\$1,811,450,265</b>	<b>100.00%</b>

**Notes:**

( a ) Cost of remaining Category A facilities from applicable Master Plans as of 1/21/14

# 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>CITY OF HENDERSON</b>											
<b>HYDROGRAPHIC BASIN: PITTMAN</b>											
<b>PROJECT: Pittman North Detention Basin and Outfall</b>											
PTNO 0180 thru 0182	4 20.0	4 18.0	4 16.0	4 14.0	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	2 1.0	99.0
<b>PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights</b>											
PTAP 0018	4 20.0	4 18.0	4 16.0	4 14.0	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	2 1.0	99.0
<b>PROJECT: Whitney Wash Channel</b>											
WWDC 0069	4 20.0	3 13.5	4 16.0	2 7.0	3 9.0	4 10.0	3 6.0	3 4.5	4 4.0	3 1.5	91.5
<b>PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer</b>											
PTNO 0000 thru 0073	4 20.0	4 18.0	4 16.0	3 10.5	3 9.0	2 5.0	3 6.0	2 3.0	3 3.0	3 1.5	92.0
<b>PROJECT: Pittman North Detention Basin to Larson Lane</b>											
PTSD 0000 thru 0043	3 15.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	3 4.5	2 2.0	2 1.0	85.0
<b>PROJECT: Galleria to Boulder Hwy.</b>											
PTSU 0000 & 0023	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	4 8.0	3 4.5	3 3.0	3 1.5	84.5
<b>PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.</b>											
PTLA 0000 thru 0126	3 15.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	2 3.0	3 3.0	2 1.0	84.5
<b>PROJECT: Warm Springs Rd. to Lake Mead Pkwy (Boulder Hwy)</b>											
PTPA 0261 thru 0325	3 15.0	3 13.5	3 12.0	3 10.5	2 6.0	2 5.0	3 6.0	3 4.5	3 3.0	3 1.5	77.0
<b>PROJECT: Pittman Wash, Eastern to Pecos</b>											
PTWA 0346 thru 0486	3 15.0	3 13.5	3 12.0	3 10.5	2 6.0	2 5.0	3 6.0	3 4.5	3 3.0	3 1.5	77.0
<b>HYDROGRAPHIC BASIN: C-1</b>											
<b>PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead</b>											
C1CH 0161,0173, 0204	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	2 6.0	3 4.5	2 2.0	3 1.5	86.5
<b>PROJECT: Cadiz Storm Drain - Racetrack To Pueblo</b>											
C1CA 0000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	2 2.0	2 1.0	86.0
<b>PROJECT: Burkholder to Warm Springs (Lake Mead Pkwy)</b>											
C1LM 0141, 0144, 0156,0158,0182, 0184	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	2 4.0	3 4.5	1 1.0	2 1.0	83.0
<b>PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road</b>											
C1FK 0040	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	2 4.0	2 3.0	1 1.0	1 0.5	81.0

# EXHIBIT B

## Project Prioritization

Priority Factor and Weight												Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M			
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5			
<b>CITY OF LAS VEGAS</b>												
<b>HYDROGRAPHIC BASIN: CENTRAL</b>												
<b>PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston</b>												
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		
<b>PROJECT: Las Vegas Wash - Stewart to Bonanza</b>												
LVMD 1121 & 1149	4	4	3	3	3	3	2	1	2			88.0
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	3.0	1.0	1.0		
<b>PROJECT: Cedar Avenue Channel Improvements</b>												
CACN 0001 & 0035, CNST 0000	4	4	3	3	3	2	2	3	3	3		87.5
	20.0	18.0	12.0	10.5	9.0	5.0	4.0	4.5	3.0	1.5		
<b>PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System</b>												
FLBN 0167, 0180, 0205, & FLMP 0000	4	4	3	3	3	2	2	3	2	3		86.5
	20.0	18.0	12.0	10.5	9.0	5.0	4.0	4.5	2.0	1.5		
<b>PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland</b>												
FLBN 0281, 0312	4	4	3	3	3	3	2	2	1	2		86.0
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	3.0	1.0	1.0		
<b>PROJECT: Freeway Channel - Washington, Rancho to Valley View</b>												
LV15 0528	4	4	3	3	3	2	2	1	1			85.5
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	3.0	1.0	0.5		
<b>PROJECT: Owens Avenue East - LV Wash to Mojave</b>												
LVOE 0000	4	3	4	3	3	2	2	3	2	1		85.0
	20.0	13.5	16.0	10.5	9.0	5.0	4.0	4.5	2.0	0.5		
<b>PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb</b>												
LVBZ 0000	4	3	3	3	3	2	2	3	2	3		82.0
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	2.0	1.5		
<b>PROJECT: Flamingo - Boulder Hwy. North, Main St.</b>												
FLBN 0342	4	3	3	3	2	3	2	3	3	2		82.0
	20.0	13.5	12.0	10.5	6.0	7.5	4.0	4.5	3.0	1.0		
<b>PROJECT: Meadows - Charleston, Essex to Lindell</b>												
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		
<b>PROJECT: Owens Avenue East - Mojave to Eastern</b>												
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		
<b>PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos</b>												
LVBZ 0064, 0114	3	3	3	3	3	2	3	1	3			78.5
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	1.0	1.5		
<b>PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy</b>												
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		
<b>PROJECT: Sahara Avenue - Eastern Lateral</b>												
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		
<b>PROJECT: Meadows - Charleston, Lindell to Rainbow</b>												
MECN 0123, 0223	3	3	3	3	3	2	2	3	1	2		76.5
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.0		
<b>PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern</b>												
BHSA 0075	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		
<b>PROJECT: Freeway Channel - Washington, Valley View to Decatur</b>												
LV15 0602	4	3	3	2	2	2	2	3	2	2		75.0
	20.0	13.5	12.0	7.0	6.0	5.0	4.0	4.5	2.0	1.0		
<b>PROJECT: Boulder Highway Sahara Avenue - LV Blvd to Maryland</b>												
BHSA 0175	3	3	3	3	1	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 North - El Capitan Branch, Lone Mtn to Ann Road</b>												
GOEC 0000 thru 0076	4	4	3	3	2	3	3	4	3	3		90.5
	20.0	18.0	12.0	10.5	6.0	7.5	6.0	6.0	3.0	1.5		
<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	2	3	3	4	2	2		89.0
	20.0	18.0	12.0	10.5	6.0	7.5	6.0	6.0	2.0	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 Outfall - El Capitan Branch, Ann Road to Centennial</b>												
GOEC 0100 thru 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 - Rancho, Craig to Alexander</b>												
GOAL 0100, 0111	4	4	3	3	2	3	3	3	2	2		86.5
	19.0	18.0	12.0	10.5	6.0	7.5	6.0	4.5	2.0	1.0		
<b>PROJECT: Gowan - Alexander Branch</b>												
GOA2 0000	4	3	3	3	3	3	3	3	2	2		86.0
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	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		86.0
	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: Las Vegas Wash - Moccasin, Skye Canyon Park to Squirrels Nest</b>												
LVMO 0000	4	3	4	3	3	3	3	3	1	3		89.5
	20.0	13.5	16.0	10.5	9.0	7.5	6.0	4.5	1.0	1.5		
<b>PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai</b>												
RCHB 0295	4	3	4	3	3	3	3	3	1	3		89.5
	20.0	13.5	16.0	10.5	9.0	7.5	6.0	4.5	1.0	1.5		

# EXHIBIT B

## Project Prioritization

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

### CITY OF NORTH LAS VEGAS

#### HYDROGRAPHIC BASIN: LOWER NORTHERN LAS VEGAS WASH

<b>PROJECT: Fifth Street Collector - Centennial to Deer Springs</b>											
LV5C 0000, 0002	4	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	
<b>PROJECT: Lake Mead Drain to Las Vegas Wash</b>											
LVLE 0000, 0047	4	3	3	3	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	
<b>PROJECT: North Las Vegas Detention Basin Upgrade</b>											
LVUP 0406	3	3	3	3	3	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>PROJECT: Las Vegas Boulevard Drain</b>											
LVLV 0000	3	3	3	3	2	2	2	2	2	3	72.5
	15.0	13.5	12.0	10.5	5.0	5.0	4.0	3.0	2.0	1.5	

#### HYDROGRAPHIC BASIN: RANGE

<b>PROJECT: Hollywood System, Dunes South Detention Basin to Centennial Parkway</b>											
RWHW 0000 thru 0277	4	4	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	
<b>PROJECT: Orchard Collector - Charleston to Linden</b>											
SLOR 0158	3	4	3	3	4	3	2	3	2	2	86.5
	15.0	18.0	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0	
<b>PROJECT: Beltway Detention Basin &amp; Channel</b>											
RWRR 0107 thru 0261 & RWBE 0000	3	4	3	3	3	4	3	2	2	2	86.5
	15.0	18.0	12.0	10.5	9.0	10.0	6.0	3.0	2.0	1.0	
<b>PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin</b>											
RWHW 0300 thru 0412	3	3	4	4	3	2	3	3	2	2	86.0
	15.0	13.5	16.0	14.0	9.0	5.0	6.0	4.5	2.0	1.0	
<b>PROJECT: Vandenberg North Detention Basin, Collection &amp; Outfall</b>											
RWWE 0352, 0397 thru 0439	3	4	3	3	3	2	3	4	3	2	85.5
	15.0	18.0	12.0	10.5	9.0	5.0	6.0	6.0	3.0	1.0	
<b>PROJECT: Beltway Collection System - Pecos</b>											
RWWE 0463 & RWBW 0000	3	3	3	3	4	3	2	3	2	2	82.0
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0	
<b>PROJECT: Range Wash - Ann Branch</b>											
RWAN 0000, 0050	3	3	3	3	3	3	3	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	
<b>PROJECT: Owens Detention Basin &amp; Outfall</b>											
SLWA 0130 thru 0175 & SLOW 0000, 0005	3	3	3	3	4	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	
<b>PROJECT: Range Wash - Beltway Conveyance</b>											
RWBW 0030, RWWE 0493 & 0517	3	3	3	3	3	2	3	2	2	2	77.0
	15.0	13.5	12.0	10.5	9.0	5.0	6.0	3.0	2.0	1.0	
<b>PROJECT: Range Wash - Dunes South Detention Basin</b>											
RWEA 0163, 0164, 0165, 0166 & 0192	3	3	3	2	3	2	3	3	2	2	75.0
	15.0	13.5	12.0	7.0	9.0	5.0	6.0	4.5	2.0	1.0	
<b>PROJECT: Speedway North Detention Basin and Outfall</b>											
RWHW 0459, 0498, 0499, 0500	3	3	3	2	3	2	2	3	2	2	73.0
	15.0	13.5	12.0	7.0	9.0	5.0	4.0	4.5	2.0	1.0	
<b>PROJECT: Range Wash - Alto Conveyance, Confluence DB to Los Feliz</b>											
RWAL 0000, 0068	3	3	3	2	3	2	2	2	2	2	71.5
	15.0	13.5	12.0	7.0	9.0	5.0	4.0	3.0	2.0	1.0	
<b>PROJECT: Range Wash - Sloan Channel, Stewart Bridge</b>											
RWSL 0188	3	3	3	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	
<b>PROJECT: Las Vegas Boulevard Storm Drain</b>											
SLLV 0000, 0119, 0176 & SLNL 0000	3	3	3	2	2	2	2	2	2	1	68.0
	15.0	13.5	12.0	7.0	6.0	5.0	4.0	3.0	2.0	0.5	

# 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>CLARK COUNTY</b>											
<b>HYDROGRAPHIC BASIN: Tropicana/ Flamingo</b>											
<b>PROJECT: Airport Channel - Naples</b>											
TRMC 0013, 0031, 0033	4	3	3	3	4	3	3	2	2	1	87.0
	20.0	13.5	12.0	10.5	12.0	7.5	6.0	3.0	2.0	0.5	
<b>PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.</b>											
FLWA 0893 & 0896	3	3	3	3	3	3	4	3	2	3	83.5
	15.0	13.5	12.0	10.5	9.0	7.5	8.0	4.5	2.0	1.5	
<b>PROJECT: Wagon Trail Channel - Sunset to Teco</b>											
WGTR 0111	3	3	3	3	3	3	3	2	3	3	81.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	3.0	1.5	
<b>PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris</b>											
LV01 0001 thru 0135	3	3	3	3	3	4	3	2	1	2	81.0
	15.0	13.5	12.0	10.5	9.0	10.0	6.0	3.0	1.0	1.0	
<b>PROJECT: Flamingo Wash - Maryland to Palos Verde</b>											
FLWA 0621 & 0673	3	3	3	3	3	3	3	2	2	1	79.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	2.0	0.5	
<b>PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.</b>											
LV02 0001 thru 0294	3	3	3	3	3	2	3	2	2	3	77.5
	15.0	13.5	12.0	10.5	9.0	5.0	6.0	3.0	2.0	1.5	
<b>PROJECT: Tropicana Avenue Conveyance, Morris to Mountain Vista</b>											
LV01 0151	3	3	2	3	3	2	3	2	2	1	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	0.5	
<b>PROJECT: Flamingo - Cimarron Branch</b>											
FLCM 0003, 0040	3	3	2	3	3	2	3	2	2	2	73.0
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	1.0	
<b>PROJECT: Flamingo Wash Maryland - UNLV</b>											
FLMR 0000	3	3	2	3	3	2	3	2	2	1	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	0.5	
<b>PROJECT: Las Vegas Wash - Christy</b>											
LVCH 0000, 0114	3	3	2	3	3	2	3	2	2	1	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	0.5	
<b>PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos</b>											
VAVD 0000 & 0025	3	3	3	2	3	3	2	1	2	1	72.0
	15.0	13.5	12.0	7.0	9.0	7.5	4.0	1.5	2.0	0.5	
<b>PROJECT: Blue Diamond - Buffalo Branch</b>											
BDBF 0010, 0076, 0125	3	3	3	3	3	2	1	2	1	1	71.5
	15.0	13.5	12.0	10.5	9.0	5.0	2.0	3.0	1.0	0.5	
<b>PROJECT: Las Vegas Wash - Boulder Highway</b>											
LVBH 0000	3	3	2	3	3	1	3	2	2	1	70.0
	15.0	13.5	8.0	10.5	9.0	2.5	6.0	3.0	2.0	0.5	
<b>HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond</b>											
<b>PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar</b>											
BD02 0334, 0358	4	3	3	3	3	4	3	4	3	4	92.0
	20.0	13.5	12.0	10.5	9.0	10.0	6.0	6.0	3.0	2.0	
<b>PROJECT: Duck Creek Wash, Torrey Pines to Rainbow</b>											
DCWA 1775, 1803, 1827	3	3	4	3	4	3	4	3	3	3	91.5
	15.0	13.5	16.0	10.5	12.0	7.5	8.0	4.5	3.0	1.5	
<b>PROJECT: Duck Creek Jones Boulevard</b>											
DCJB 0000, 0043	3	3	4	3	4	3	4	3	3	2	91.0
	15.0	13.5	16.0	10.5	12.0	7.5	8.0	4.5	3.0	1.0	
<b>PROJECT: Duck Creek Haven Street</b>											
DCHV 0026, 0050, 0057	3	3	4	3	4	3	4	3	3	2	91.0
	15.0	13.5	16.0	10.5	12.0	7.5	8.0	4.5	3.0	1.0	
<b>PROJECT: Blue Diamond Wash - Arville to I-15</b>											
BDWA 0276	3	3	3	3	3	3	3	3	3	4	83.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	
<b>PROJECT: Silverado Ranch Detention Basin and Outfall Facilities</b>											
BD02 0125 thru 0312 & 0359 and 0385	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	
<b>PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.</b>											
DCBD 0075, 0082 & 0084	3	3	3	3	3	3	3	3	2	1	80.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	0.5	
<b>PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones</b>											
DCW4 0298	3	3	3	3	3	3	3	3	2	1	80.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	0.5	
<b>PROJECT: Duck Creek, Sunset Park</b>											
DCSP 0000	4	3	3	3	3	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	
<b>PROJECT: Blue Diamond Wash Railroad</b>											
BDW5 0026	1	4	4	3	4	1	4	3	2	1	79.0
	5.0	18.0	16.0	10.5	12.0	2.5	8.0	4.5	2.0	0.5	
<b>PROJECT: Blue Diamond Channel, Amigo to Rancho Destino</b>											
BDWA 0087 thru 0174	3	3	3	2	3	3	3	3	3	2	78.5
	15.0	13.5	12.0	7.0	9.0	7.5	6.0	4.5	3.0	1.0	



EXHIBIT C

CITY OF HENDERSON  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 12, 2018

	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027				
				(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27
<b>TOTAL PLAN</b>			<b>\$900,864,909</b>	<b>\$65,590,767</b>	<b>\$49,512,051</b>	<b>\$239,168,649</b>	<b>\$43,082,608</b>	<b>\$46,922,790</b>	<b>\$60,926,693</b>	<b>\$55,324,677</b>	<b>\$221,209,108</b>	<b>\$50,953,955</b>	<b>\$65,889,416</b>
Unencumbered from previous year	\$32,284,196												
			<b>\$849,580,779</b>	<b>\$54,921,824</b>	<b>\$33,449,758</b>	<b>\$33,792,975</b>	<b>\$21,576,645</b>	<b>\$21,825,809</b>	<b>\$14,637,315</b>	<b>\$38,437,182</b>	<b>\$55,328,890</b>	<b>\$69,651,414</b>	<b>\$51,284,129</b>
<b>ENTITY RESOURCES</b>			<b>\$75,264,520</b>	<b>\$6,590,330</b>	<b>\$4,133,141</b>	<b>\$19,965,194</b>	<b>\$3,596,427</b>	<b>\$3,994,966</b>	<b>\$4,335,877</b>	<b>\$4,710,319</b>	<b>\$18,833,648</b>	<b>\$4,338,198</b>	<b>\$4,758,401</b>
Unencumbered from previous year	\$1,957,753												
			<b>\$73,306,767</b>	<b>\$3,845,628</b>	<b>\$7,978,769</b>	<b>\$5,367,865</b>	<b>\$5,336,561</b>	<b>\$7,723,080</b>	<b>(\$1,684,449)</b>	<b>(\$1,994,893)</b>	<b>\$987,208</b>	<b>\$1,753,417</b>	<b>(\$2,555,039)</b>
<b>ENTITY TOTAL</b>	<b>\$511,244,291</b>	<b>\$151,215,287</b>	<b>\$77,819,558</b>	<b>\$2,752,702</b>	<b>\$0</b>	<b>\$22,576,079</b>	<b>\$3,627,751</b>	<b>\$1,608,467</b>	<b>\$13,743,403</b>	<b>\$5,010,675</b>	<b>\$15,861,637</b>	<b>\$3,571,989</b>	<b>\$9,066,857</b>
<b>HYDROGRAPHIC BASIN: C-1</b>	<b>\$125,899,093</b>	<b>\$33,164,068</b>	<b>\$12,531,688</b>	<b>(\$446,821)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$780,401</b>	<b>\$497,750</b>	<b>\$426,409</b>	<b>\$5,010,675</b>	<b>\$2,933,202</b>	<b>\$2,512,792</b>	<b>\$817,280</b>
<b>SYSTEM: C-1</b>	<b>\$125,899,093</b>	<b>\$33,164,068</b>	<b>\$12,531,688</b>	<b>(\$446,821)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$780,401</b>	<b>\$497,750</b>	<b>\$426,409</b>	<b>\$5,010,675</b>	<b>\$2,933,202</b>	<b>\$2,512,792</b>	<b>\$817,280</b>
<b>PROJECT: Cadiz Storm Drain - Racetrack To Pueblo</b>													
Design/Admin		\$274,026						\$213,322			\$155,402		
Right-of-way	C1CA 0000	\$219,220	\$3,430,952					\$284,428					
Construction		\$1,959,285									\$2,777,800		
<b>PROJECT: Racetrack Channel - Drake to Burkholder</b>													
CLOSEOUT Design/Admin		\$312,104											
Construction	C1RT 0001, 0016, 0041	\$249,684	(\$374,386)										
CLOSEOUT Construction		\$2,231,544											
<b>PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road</b>													
Design/Admin		\$71,969								\$59,436			\$43,300
Right-of-way	C1FK 0040	\$57,575	\$876,718										
Construction		\$514,579											\$773,980
<b>PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead</b>													
Design/Admin		\$442,522						\$334,458		\$243,647			
Right-of-way	C1CH 0161, 0173, 0204	\$354,018	\$5,731,638					\$445,943					
Construction		\$3,420,050								\$4,707,590			
<b>PROJECT: Equestrian Detention Basin Expansion</b>													
Design/Admin													
Right-of-way	C1EQ 0160		(\$72,435)										
Construction													
<b>PROJECT: Burkholder to Warm Springs (Lake Mead Pkwy)</b>													
Design/Admin		\$227,913								\$182,746			\$133,128
Right-of-way	C1LM 0141, 0144, 0158,	\$182,331	\$2,939,201							\$243,662			
Construction	0158, 0162, 0184	\$1,629,578											\$2,379,664

EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 12, 2018

Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027							
				(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27			
				Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources			
<b>TOTAL PLAN</b>																
Unencumbered from previous year				\$32,284,196												
<b>ENTITY RESOURCES</b>																
Unencumbered from previous year				(\$8,599,627)												
<b>ENTITY TOTAL</b>				<b>\$957,137,971</b>	<b>\$684,948,614</b>	<b>\$310,725,165</b>	<b>\$7,088,635</b>	<b>\$18,981,049</b>	<b>\$94,773,705</b>	<b>\$13,373,015</b>	<b>\$22,814,451</b>	<b>\$16,494,169</b>	<b>\$17,483,016</b>	<b>\$80,238,750</b>	<b>\$16,002,458</b>	<b>\$23,475,916</b>
<b>HYDROGRAPHIC BASIN: CENTRAL</b>				<b>\$403,721,788</b>	<b>\$385,155,042</b>	<b>\$194,644,201</b>	<b>\$1,228,925</b>	<b>\$18,215,597</b>	<b>\$31,817,745</b>	<b>\$5,574,977</b>	<b>\$11,485,802</b>	<b>\$16,494,169</b>	<b>\$16,376,318</b>	<b>\$69,189,551</b>	<b>\$16,002,458</b>	<b>\$8,258,658</b>
<b>SYSTEM: LV Wash I-15 Tributary</b>				<b>\$109,476,848</b>	<b>\$77,164,912</b>	<b>\$16,976,498</b>	<b>\$75,000</b>	<b>\$545,229</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,498,987</b>	<b>\$0</b>	<b>\$600,623</b>	<b>\$0</b>	<b>\$8,258,658</b>	
<b>PROJECT: Freeway Channel - Washington, Valley View to Decatur</b>																
		Design/Admin	\$727,252													
	LV15 0602	Right-of-way	\$561,802	\$8,859,282								\$600,623			\$437,549	
		Construction	\$5,199,850												\$7,821,114	
<b>PROJECT: Freeway Channel - Washington, Rancho to Valley View</b>																
		Design/Admin	\$765,329				\$545,229			\$397,191						
	LV15 0528	Right-of-way	\$612,263	\$8,042,216												
		Construction	\$5,472,102							\$7,099,796						
<b>PROJECT: Freeway Channel - Washington, MLK to Rancho</b>																
		5th Supplement Design/Admin	\$1,007,949				\$75,000									
	LV15 0424, 0472 & 0474	Right-of-way	\$806,359	\$75,000												
		Construction	\$7,206,834													
<b>SYSTEM: LV Wash Central</b>				<b>\$285,079,544</b>	<b>\$133,972,846</b>	<b>\$61,830,736</b>	<b>(\$944,547)</b>	<b>\$150,000</b>	<b>\$14,613,802</b>	<b>\$0</b>	<b>\$1,283,284</b>	<b>\$16,494,169</b>	<b>\$0</b>	<b>\$30,234,028</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Las Vegas Wash - Stewart to Bonanza</b>																
		Design/Admin	\$582,295				\$75,000	\$284,853								
	LVM0 1121 & 1149	Right-of-way	\$465,836	\$5,451,602												
		Construction	\$4,163,416					\$5,091,750								
<b>PROJECT: Meadows - Charleston, Essex to Lindell</b>																
		Design/Admin	\$981,492							\$686,217			\$499,898			
	MECN 0000, 0061	Right-of-way	\$705,194	\$10,121,800									\$6,935,695			
		Construction	\$6,302,669													
<b>PROJECT: Meadows - Charleston, Lindell to Rainbow</b>																
		Design/Admin	\$1,176,062							\$942,997			\$696,950			
	MECN 0123, 0223	Right-of-way	\$940,848	\$13,531,677												
		Construction	\$8,406,837										\$11,921,730			
<b>PROJECT: Oakley - Meadows Storm Drain</b>																
		CLOSEOUT Design/Admin					(\$248,469)									
		Construction	\$7,040,893				(\$696,078)									
<b>PROJECT: Cedar Avenue Channel Improvements</b>																
		Design/Admin	\$877,918				\$75,000	\$429,468								
	CACN 0001 & 0035, CNST 0000	Right-of-way	\$702,335	\$8,181,218												
		Construction	\$6,277,116					\$7,676,749								
<b>PROJECT: Owens Avenue East - LV Wash to Mojave</b>																
		Design/Admin	\$1,541,300					\$1,130,982				\$823,903				
	LVOE 0000	Right-of-way	\$1,233,040	\$16,682,154												
		Construction	\$11,020,297									\$14,727,269				
<b>PROJECT: Owens Avenue East - Mojave to Eastern</b>																
		Design/Admin	\$766,974							\$597,067			\$434,954			
	LVOE 0065	Right-of-way	\$613,579	\$8,806,832												
		Construction	\$5,483,861										\$7,774,610			

EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 12, 2018

Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027							
				(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27			
<b>TOTAL PLAN</b>																
Unencumbered from previous year	\$32,284,196		Annual Resources	\$900,864,909	\$55,590,747	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,826,693	\$55,324,677	\$22,129,108	\$50,953,856	\$55,888,416		
<b>ENTITY RESOURCES</b>																
Unencumbered from previous year	(\$8,599,627)		Cumulative Available Resources	\$849,580,779	\$54,921,824	\$33,449,758	\$33,792,975	\$21,576,645	\$21,825,869	\$14,637,315	\$38,437,182	\$55,328,890	\$69,651,414	\$51,284,129		
<b>ENTITY TOTAL</b>																
<b>SYSTEM: Sahara Boulder Highway</b>				\$9,165,396	\$174,027,284	\$115,836,966	\$2,098,472	\$17,520,367	\$17,203,943	\$5,574,977	\$2,705,631	\$0	\$15,775,695	\$38,955,523	\$16,002,458	\$23,475,916
<b>PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy</b>																
Design/Admin			\$1,584,691							\$1,233,637			\$698,696			
Right-of-way	BHSA 0000, 0026	Design Started 09/10	\$1,267,753													
Construction		LAS27A09	\$11,330,541										\$16,064,012			
<b>PROJECT: Sahara Avenue - Eastern Lateral</b>																
Design/Admin			\$301,160							\$234,445			\$170,789			
Right-of-way	SAEA 0000		\$240,928													
Construction			\$2,153,296										\$3,052,861			
<b>PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern</b>																
Design/Admin			\$1,451,440										\$1,198,717		\$547,812	
Right-of-way	BHSA 0075		\$1,161,152												\$15,154,646	
Construction			\$10,377,798													
<b>PROJECT: Boulder Highway Sahara Avenue - LV Blvd to Maryland</b>																
Design/Admin			\$2,062,012										\$1,754,066			
Right-of-way	BHSA 0175		\$1,649,610													
Construction			\$14,743,385													
<b>PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland</b>																
Design/Admin			\$474,725						\$238,197							
Right-of-way	FLBN 0281, 0312		\$379,780						\$2,000							
Construction			\$3,394,276						\$4,275,647							
<b>PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston</b>																
1st Supplement	Design/Admin		\$1,954,412						\$470,000							
1st Supplement	Right-of-way	Design started in 15/16	\$1,563,530			\$928,231			\$30,000							
Construction	FLBN 0038	LAS29B15	\$13,974,050						\$16,592,136							
<b>PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System</b>																
1st Supplement	Design/Admin		\$1,863,218						\$1,273,280							
Right-of-way	FLBN 0187, 0180, 0205 & FLMP 0000	Design started in 16/17	\$1,490,575						\$911,467							
Construction		LAS29C16	\$13,322,013						\$16,292,476							
<b>PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb</b>																
Design/Admin			\$1,094,511						\$827,229				\$602,624			
Right-of-way	LVBZ 0000		\$875,809													
Construction			\$7,825,754										\$10,771,800			
<b>PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos</b>																
Design/Admin			\$1,589,587						\$1,237,449				\$901,463			
Right-of-way	LVBZ 0064, 0114		\$1,271,670													
Construction			\$11,365,550										\$16,113,647			
<b>PROJECT: Flamingo - Boulder Hwy. North, Main St.</b>																
Design/Admin			\$309,156						\$232,903				\$169,667			
Right-of-way	FLBN 0342	Design Started 10/11	\$246,524													
Construction		LAS29A10	\$2,203,311										\$3,032,789			





EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended Apr 12, 2018

Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027							
				(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27			
<b>TOTAL PLAN</b>																
Unencumbered from previous year	\$32,284,196		Annual Resources	\$900,864,909	\$65,590,767	\$49,512,951	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,856	\$55,889,416		
			Cumulative Available Resources	\$849,580,779	\$54,921,824	\$33,449,758	\$33,792,975	\$21,578,645	\$21,825,869	\$14,637,315	\$38,437,182	\$55,328,890	\$69,651,414	\$51,284,129		
<b>ENTITY RESOURCES</b>																
Unencumbered from previous year	(\$8,599,627)		Annual Resources	\$331,215,324	\$12,911,857	\$19,159,255	\$92,549,048	\$16,671,309	\$18,516,636	\$20,099,041	\$21,834,776	\$87,303,742	\$20,109,800	\$22,057,660		
			Cumulative Available Resources	\$331,215,324	\$5,823,222	\$6,001,428	\$3,776,771	\$7,075,064	\$2,779,449	\$6,384,321	\$10,736,082	\$17,801,075	\$21,908,416	\$20,480,160		
<b>ENTITY TOTAL</b>																
				\$957,137,971	\$684,948,614	\$310,725,165	\$7,088,635	\$18,981,049	\$94,773,705	\$13,373,015	\$22,814,451	\$16,494,169	\$17,483,016	\$80,238,750	\$16,002,458	\$23,475,916
<b>HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH</b>				\$260,198,919	\$141,046,165	\$14,330,516	(\$3,123,402)	\$0	\$17,453,918	\$0	\$0	\$0	\$0	\$0	\$0	
<b>SYSTEM: Ann Road</b>				\$71,879,876	\$13,931,771	\$4,230,500	(\$895,260)	\$0	\$5,125,760	\$0	\$0	\$0	\$0	\$0	\$0	
<b>PROJECT: Rancho Road System - Elkhorn, Fort Apache to Grand Canyon</b>																
CLOSEOUT	Design/Admin		Design Started 11/12	\$396,925												
	Right-of-way	RCHB 0275	LAS16L11	\$317,540												
	Construction			\$2,838,014												
<b>PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai</b>																
	Design/Admin		Design Started in 15/16	\$430,021					\$335,330							
	Right-of-way	RCHB 0295	LAS16P15	\$344,017												
	Construction			\$3,074,648					\$4,790,430							
<b>PROJECT: Rancho Road System - Beltway to Elkhorn</b>																
CLOSEOUT	Design/Admin		Design Started 09/10													
	Right-of-way	RCHB 0227 & 0250	LAS16J09													
	Construction															
<b>SYSTEM: Upper Western Tributary</b>				\$156,679,079	\$52,571,081	(\$2,288,142)	(\$2,288,142)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
<b>PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Grand Teton</b>																
2nd Supplement	Design/Admin		Design Started 15/16	\$2,943,891												
	Right-of-way	CN95 0000, 0058, 0102, 0167 & CNWE 0325	LAS23G15	\$2,355,113												
	Construction		LAS23H15	\$19,688,189												
<b>SYSTEM: Kyle Canyon</b>				\$0	\$74,543,312	\$12,388,158	\$60,000	\$0	\$12,328,158	\$0	\$0	\$0	\$0	\$0	\$0	
<b>PROJECT: LWV - Moccasin, Skye Canyon Park to Upper LWV</b>																
	Design/Admin			\$1,335,162					\$60,000							
	Right-of-way	LWMO 0000		\$1,068,130												
	Construction			\$9,546,409												

EXHIBIT C

CITY OF NORTH LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 12, 2018

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027				
					(Year 1)	(Year 2)	(Year 3)	(Year 4)	(Year 5)	(Year 6)	(Year 7)	(Year 8)	(Year 9)	(Year 10)
					FY 17/18	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
<b>TOTAL PLAN</b>				<b>\$900,864,909</b>	<b>\$55,890,767</b>	<b>\$49,612,051</b>	<b>\$239,168,649</b>	<b>\$43,082,608</b>	<b>\$46,922,790</b>	<b>\$50,926,693</b>	<b>\$56,324,677</b>	<b>\$221,209,108</b>	<b>\$50,963,956</b>	<b>\$55,989,416</b>
				<b>\$849,580,779</b>	\$54,921,824	\$33,449,758	\$33,792,975	\$21,576,645	\$21,825,869	\$14,637,315	\$38,437,182	\$55,328,860	\$69,651,414	\$51,284,129
<b>ENTITY RESOURCES</b>				<b>\$191,827,359</b>	\$33,736,713	\$9,515,759	\$45,966,005	\$8,280,079	\$9,197,684	\$9,982,519	\$10,844,600	\$43,360,838	\$9,987,863	\$10,955,299
					\$23,052,681									
<b>ENTITY TOTAL</b>				<b>\$170,131,907</b>	<b>\$26,306</b>	<b>\$28,293,558</b>	<b>\$55,783,957</b>	<b>\$5,470,908</b>	<b>\$7,149,435</b>	<b>\$12,370,941</b>	<b>\$4,468,745</b>	<b>\$31,170,274</b>	<b>\$0</b>	<b>\$25,450,394</b>
<b>HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH</b>				<b>\$30,957,811</b>	<b>(\$1,133,922)</b>	<b>\$0</b>	<b>\$4,443,088</b>	<b>\$367,599</b>	<b>\$673,609</b>	<b>\$0</b>	<b>\$4,468,745</b>	<b>\$10,159,554</b>	<b>\$0</b>	<b>\$11,979,139</b>
<b>SYSTEM: Lower Western Tributary</b>				<b>\$17,756,271</b>	<b>(\$762,668)</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: Colton Avenue Flood Control Improvements</b>														
CLOSEOUT	Design/Admin			\$471,348										
	Right-of-way	LVCL 0000		\$377,076										
	Construction			\$3,370,135										
<b>SYSTEM: LV Wash Craig</b>				<b>\$9,021,681</b>	<b>(\$257,751)</b>	<b>\$0</b>	<b>\$4,443,088</b>	<b>\$367,599</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,468,745</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: North Las Vegas Detention Basin Upgrade</b>														
Design/Admin				\$486,372				\$367,599				\$267,790		
Right-of-way		LVUP 0408		\$389,097								\$4,200,955		
Construction				\$3,051,962										
<b>PROJECT: Fifth Street Collector - Centennial to Deer Springs</b>														
Design/Admin				\$470,561				\$230,194						
Right-of-way		LVSC 0000, 0002		\$385,432										
Construction				\$3,444,794				\$4,212,894						
<b>PROJECT: Ann Road Channel East - ULVW to Fifth Street</b>														
Design/Admin				\$359,685										
Right-of-way		ANEA 0040		\$3,214,663										
Construction														
<b>SYSTEM: Cheyenne Lamb Nellis</b>				<b>\$22,696,797</b>	<b>(\$113,504)</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$673,609</b>	<b>\$0</b>	<b>\$0</b>	<b>\$10,159,554</b>	<b>\$0</b>	<b>\$11,979,139</b>
<b>PROJECT: Lake Mead Drain to Las Vegas Wash</b>														
Design/Admin				\$1,054,874								\$897,337		\$634,656
Right-of-way		LVE 0000, 0047		\$843,900										\$11,344,483
Construction				\$7,542,353										
<b>PROJECT: Las Vegas Boulevard Drain</b>														
Design/Admin				\$865,296				\$673,609				\$490,714		
Right-of-way		LLV 0000		\$692,237								\$8,771,503		
Construction				\$6,186,866										
<b>PROJECT: Las Vegas Wash - Las Vegas Boulevard to Cheyenne Avenue</b>														
Design/Admin														
Right-of-way		LVMD 1538, 1543, 1550;												
Construction		& LVNC 0001, 0004												
<b>PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan</b>														
Design/Admin				\$150,941										
Design/Admin		LVNC 0038		\$120,753										
Construction				\$1,079,232										



EXHIBIT C

CITY OF NORTH LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 12, 2018

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027				
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27
<b>TOTAL PLAN</b>			Annual Resources	<b>\$900,864,909</b>	\$56,690,787	\$49,512,651	\$239,168,649	\$43,082,608	\$46,922,790	\$59,826,693	\$55,324,877	\$221,209,108	\$50,953,955	\$55,889,416
Unencumbered from previous year	\$32,284,196		Cumulative Available Resources	<b>\$849,580,779</b>	\$54,921,624	\$33,449,758	\$33,792,975	\$21,576,645	\$21,825,869	\$14,637,315	\$36,437,182	\$55,328,690	\$69,651,414	\$51,284,129
<b>ENTITY RESOURCES</b>			Annual Resources	<b>\$191,827,359</b>	\$33,736,713	\$9,515,759	\$45,966,005	\$8,280,079	\$9,197,684	\$9,982,519	\$10,844,600	\$43,360,836	\$9,987,863	\$10,955,299
Unencumbered from previous year	\$23,052,681		Cumulative Available Resources		\$33,763,018	\$14,985,219	\$5,167,268	\$7,976,439	\$10,024,688	\$7,636,265	\$14,012,120	\$26,202,684	\$36,190,546	\$21,695,452
<b>ENTITY TOTAL</b>				<b>\$170,131,907</b>	<b>(\$26,306)</b>	<b>\$28,293,558</b>	<b>\$55,783,957</b>	<b>\$5,470,908</b>	<b>\$7,149,435</b>	<b>\$12,370,941</b>	<b>\$4,468,746</b>	<b>\$31,170,274</b>	<b>\$0</b>	<b>\$25,450,394</b>
<b>SYSTEM: East Range</b>				<b>\$74,179,884</b>	<b>\$0</b>	<b>\$27,451,135</b>	<b>\$16,958,776</b>	<b>\$0</b>	<b>\$2,145,788</b>	<b>\$0</b>	<b>\$0</b>	<b>\$14,162,931</b>	<b>\$0</b>	<b>\$13,471,265</b>
<b>PROJECT: Hollywood System, Dunes South Detention Basin to Centennial Parkway, Phase 1</b>														
Design/Admin														
Right-of-way	RWHW 0174, 0201, 0277	Design Started 13/14	\$2,085,225											
Construction		NLVD3E13	\$1,670,581	\$14,468,000										
		Eng. Est.	\$14,930,825											
<b>PROJECT: Hollywood System, Dunes South Detention Basin to Centennial Parkway, Phase 2</b>														
Design/Admin														
Right-of-way	RWHW 0000 thru 0173	Design Started 13/14	\$1,282,897	\$12,982,135										
Construction		NLVD3E13	\$1,026,309											
		Eng. Est.	\$6,843,901											
<b>PROJECT: Range Wash - Dunes South Detention Basin</b>														
Design/Admin			\$1,323,085									\$1,125,492		\$796,023
Right-of-way	RWEA 0163, 0164, 0165, 0168 & 0192		\$1,058,469	\$16,087,404								\$1,500,857		
Construction			\$6,427,069											\$12,675,232
<b>PROJECT: Range Wash - Ann Branch</b>														
Design/Admin			\$1,259,609				\$616,286							
Right-of-way	RWAN 0000, 0050	Design started 16/17	\$1,007,647	\$3,284,286										
Construction		NLVD3F17	\$9,007,636				\$2,668,000							
		Phase 1 Construction (RTC - RWAN 0055)												
Construction	RWAN0055	Phase 2 Construction	\$9,007,636	\$6,348,105			\$8,348,105							
<b>PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin</b>														
Design/Admin			\$583,000				\$285,198							
Right-of-way	RWHW 0300 thru 0412	Design started 16/17	\$466,399	\$5,326,385										
Construction		NLVD3G17	\$4,122,073				\$5,041,188							
<b>PROJECT: Speedway North Detention Basin and Outfall</b>														
Design/Admin			\$1,181,318					\$919,623				\$609,931		
Right-of-way	RWHW 0459, 0496, 0499, 0500		\$945,055	\$13,672,569				\$1,226,165						
Construction			\$7,657,736									\$10,856,850		







EXHIBIT C

CITY OF BOULDER CITY  
10-YEAR CONSTRUCTION PROGRAM  
Amended April 12, 2018

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027					
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27	
<b>TOTAL PLAN</b>			Annual Resources	<b>\$900,864,909</b>	\$55,590,767	\$49,512,051	\$239,169,649	\$43,082,608	\$46,922,790	\$50,826,893	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416	
	Unencumbered from previous year	\$32,284,196	Cumulative Available Resources	<b>\$849,580,779</b>	\$54,921,624	\$33,449,756	\$33,792,975	\$21,576,645	\$21,825,869	\$14,637,315	\$38,437,182	\$55,326,890	\$69,651,414	\$51,284,129	
<b>ENTITY RESOURCES</b>			Annual Resources	<b>\$7,912,179</b>	\$1,435,494	\$966,575	\$4,669,052	\$841,059	\$0	\$0	\$0	\$0	\$0	\$0	
	Unencumbered from previous year	\$350,251	Cumulative Available Resources		\$706,078	\$1,551,156	\$2,825,544	\$3,541,197	\$3,220,845	\$3,220,845	\$3,220,845	\$3,220,845	\$3,220,845	\$3,220,845	
<b>ENTITY TOTAL</b>				<b>\$4,691,334</b>	<b>\$729,416</b>	<b>\$121,496</b>	<b>\$3,394,665</b>	<b>\$125,405</b>	<b>\$320,352</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>HYDROGRAPHIC BASIN: Boulder City</b>				<b>\$44,844,167</b>	<b>\$38,244,252</b>	<b>\$4,691,334</b>	<b>\$729,416</b>	<b>\$121,496</b>	<b>\$3,394,665</b>	<b>\$125,405</b>	<b>\$320,352</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SYSTEM: Georgia/Buchanan</b>				<b>\$12,183,226</b>	<b>\$1,794,645</b>	<b>\$2,210,334</b>	<b>\$0</b>	<b>\$121,496</b>	<b>\$1,741,538</b>	<b>\$26,948</b>	<b>\$320,352</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Georgia Buchanan Confluence Facilities</b>															
	Design/Admin			\$170,542				\$121,496	\$83,427						
	Right-of-way			\$0											
	Construction	GBGR 0003 & GBBC 0004		\$1,355,802					\$1,658,111						
<b>PROJECT: Georgia Avenue Facilities - Vaquero Drive Bridge</b>															
	Design/Admin			\$35,655					\$26,948	\$18,504					
	Right-of-way			\$0											
	Construction	GBGR 0099		\$232,647						\$301,848					
<b>SYSTEM: Hemenway</b>				<b>\$13,994,969</b>	<b>\$1,138,062</b>	<b>\$729,416</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 IIB Improvements</b>															
	Design/Admin			\$35,887				\$47,719							
	Right-of-way			\$0											
	Construction	HMWA 0005, 0105 & HMLV 0006		\$69,980				\$681,697							
<b>SYSTEM: North Railroad</b>				<b>\$10,883,089</b>	<b>\$1,852,616</b>	<b>\$1,751,584</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,653,127</b>	<b>\$98,456</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					\$14,217						
	Right-of-way			\$0											
	Construction	NRIN 0068		\$86,675					\$84,240						
<b>PROJECT: North Railroad Conveyance</b>															
	Design/Admin			\$195,394					\$95,585						
	Construction	Phase 2 Const NRIN 0010, 0031, 0062		\$1,273,569					\$1,557,542						



EXHIBIT C

CITY OF MESQUITE  
10-YEAR CONSTRUCTION PROGRAM

Amended April 12, 2018

Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027						
				(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27		
				<b>TOTAL PLAN</b>											
Annual Resources				\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$66,324,677	\$221,209,108	\$50,953,956	\$56,889,416	
Unencumbered from previous year				\$32,284,196											
Cumulative Available Resources				\$849,580,779	\$54,921,824	\$33,449,758	\$33,792,975	\$21,576,645	\$21,825,869	\$14,637,315	\$38,437,182	\$55,328,890	\$69,661,414	\$51,284,129	
<b>ENTITY RESOURCES</b>															
Annual Resources				\$22,280,813	\$4,504,946	\$1,069,961	\$5,168,462	\$931,020	\$1,034,197	\$1,122,444	\$1,219,377	\$4,875,535	\$1,123,045	\$1,231,825	
Unencumbered from previous year				\$3,303,623											
Cumulative Available Resources				\$2,859,595	\$548,323	\$5,716,785	(\$4,585,647)	(\$4,486,811)	(\$3,364,367)	(\$2,144,990)	\$2,730,545	\$3,853,590	\$5,085,415		
<b>ENTITY TOTAL</b>				\$51,329,343	\$39,145,652	\$17,195,398	\$1,645,351	\$3,381,234	\$0	\$11,233,452	\$935,361	\$0	\$0	\$0	\$0
<b>HYDROGRAPHIC BASIN: Mesquite</b>				\$51,329,343	\$39,145,652	\$17,195,398	\$1,645,351	\$3,381,234	\$0	\$11,233,452	\$935,361	\$0	\$0	\$0	\$0
<b>SYSTEM: Town Wash</b>				\$22,881,796	\$10,064,098	\$11,149,029	\$728,448	\$0	\$0	\$10,420,581	\$0	\$0	\$0	\$0	\$0
<b>PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash</b>															
Design/Admin	TWMB 0000		\$425,788				\$340,303		\$218,820						
Right-of-way	thru 0044,		\$340,614	\$4,861,679											
Construction	TOWA 0120		\$3,348,666						\$4,302,555						
<b>PROJECT: Town Wash Mesa Boulevard, El Dorado to Chaparral</b>															
Design/Admin	TWMB 0052, 0084,		\$555,515				\$388,145		\$285,503						
Right-of-way	0094		\$444,412	\$6,267,350											
Construction			\$4,369,128						\$5,613,703						
<b>SYSTEM: Virgin River</b>				\$0	\$18,421,812	\$6,046,369	\$916,903	\$3,381,234	\$0	\$812,871	\$935,361	\$0	\$0	\$0	\$0
<b>PROJECT: Virgin River Flood Wall</b>															
2nd Supplement Design/Admin	VREC 0000, 0028,	Design started 15/16	\$286,875				\$909,223	\$138,974							
Right-of-way	0054	MES04A15	\$1,210,995	\$4,244,771			\$16,630								
Construction			\$2,633,055					\$3,188,894							
<b>PROJECT: Virgin River Erosion Protection, Phase I</b>															
Design/Admin	VREC 0203, 0323,		\$73,440					\$53,350		\$38,676					
Right-of-way	0508, 0519		\$632,655	\$1,801,598					\$812,871						
Construction			\$677,409						\$896,405						

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

CENTENNIAL PARKWAY CHANNEL WEST – CC215, PIONEER WAY TO US95

**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 THE SECOND SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION TO EXTEND THE PROJECT COMPLETION DATE OF THE CENTENNIAL PARKWAY CHANNEL WEST – CC215, PIONEER WAY TO US95 – LAS23F14 (FOR POSSIBLE ACTION)

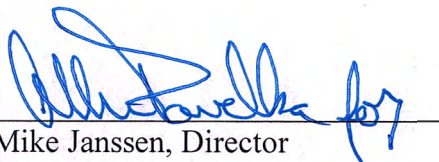
**FISCAL IMPACT:**

None by this action

**BACKGROUND:**

On November 13, 2014, the District entered into an Interlocal Contract with the City to provide funding for construction and construction management for the Centennial Parkway Channel West – CC215, Pioneer Way to US95. A First Supplemental Interlocal Contract dated September 10, 2015 decreased total construction funding. This Second Supplemental Interlocal Contract will extend the project completion date from June 30, 2018 to June 30, 2019 as additional time is required to close out the project.

Respectfully submitted,



Mike Janssen, Director  
Department of Public Works

TAC AGENDA ITEM # 11 Date: 04/26/2018	RFCD AGENDA ITEM # Date: 05/24/2018
CAC AGENDA ITEM # 11 Date: 04/30/2018	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

**CENTENNIAL PARKWAY CHANNEL WEST – CC 215, PIONEER WAY TO US95  
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – LAS23F14**

The City of Las Vegas has submitted a request to approve a second supplemental interlocal contract for construction and construction engineering to extend the project completion date from June 30, 2018 to June 30, 2019 for the Centennial Parkway Channel West – CC 215, Pioneer Way to US95 project.

The extension is needed to allow time to close out the project.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#11 Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#11 Date: 04/30/18

**Recommendation:**

**SECOND SUPPLEMENTAL INTERLOCAL CONTRACT  
CENTENNIAL PARKWAY CHANNEL WEST –  
CC215, PIONEER WAY TO US95**

**THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2018 by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the City of Las Vegas hereinafter referred to as “CITY”.

**WITNESSETH**

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2013 Master Plan Update as Facility Numbers CNWE 0301 AND CNWE 0304, 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 November 13, 2014 and First Supplemental Interlocal Contract dated September 10, 2015 were entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City wishes 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 16 shall be revised to read as follows:**

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

The remainder of the original Interlocal Contract dated November 13, 2014 and First Supplemental Interlocal Contract dated September 10, 2015 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,  
Chairman

Attest

Attest

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

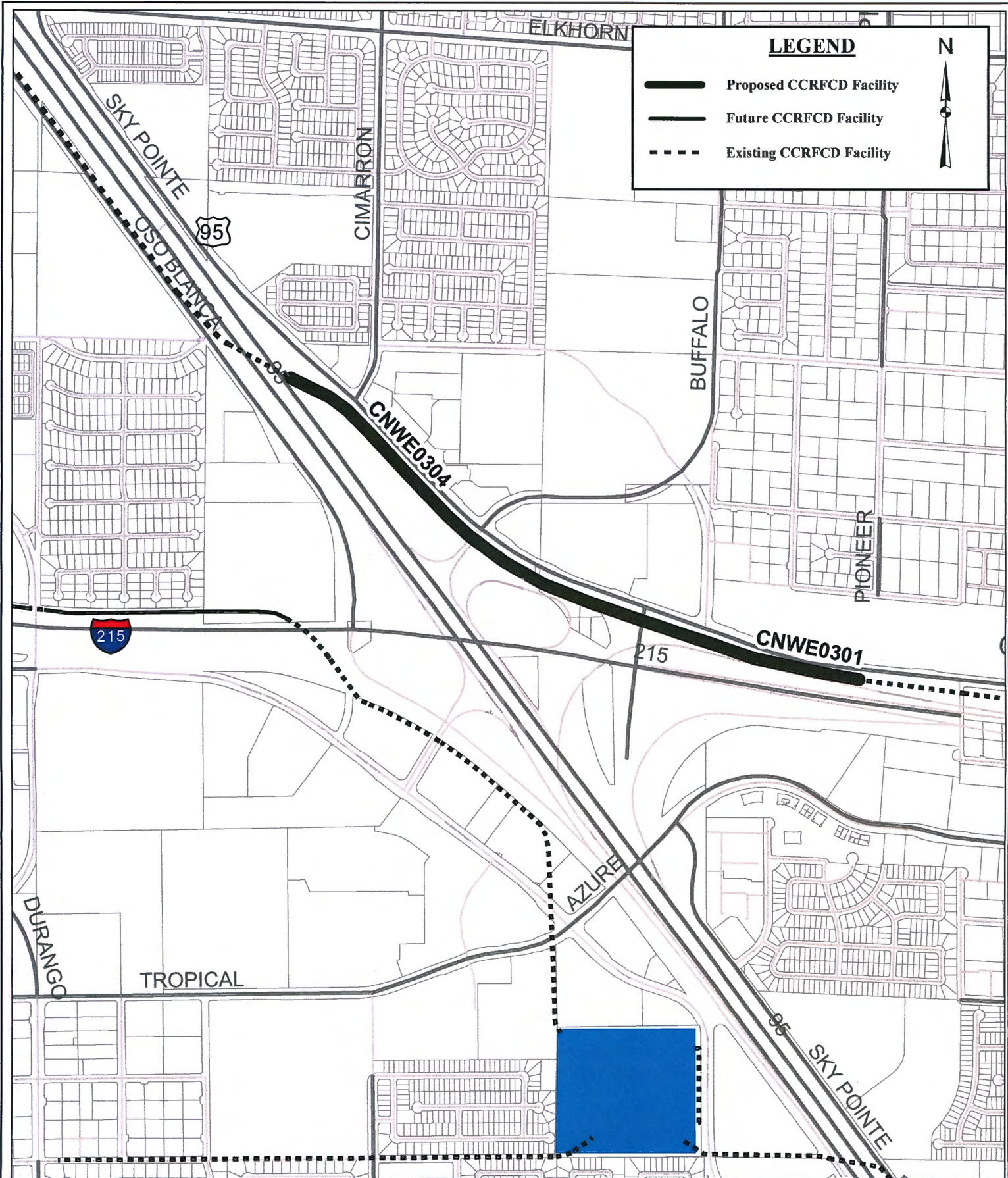
By: \_\_\_\_\_  
Deanna Hughes  
Secretary to the Board

Approved as to Form




Approved as to Form


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

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



**LEGEND**

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

N  




**EXHIBIT A**  
**CENTENNIAL PKWY CHANNEL WEST**  
**CC 215, PIONEER WAY TO US95**  
**(LAS23F14)**

**SCALE: 1:12,000**  
**DRAWING NAME:**  
 CentennialPkwyWest\_215\_Pioneer\_95.mxd  
**DRAWN BY: C. JONES**  
**DATE: 04/12/2018**  
**SHEET NUMBER 1 OF 1**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

<b>SUBJECT:</b> MASTER PLAN AMENDMENT FOR THE WHITNEY WASH – DUCK CREEK CHANNEL
<b>PETITIONER:</b> ROBERT HERR, DIRECTOR CITY OF HENDERSON PUBLIC WORKS, PARKS AND RECREATION
<b>RECOMMENDATION OF PETITIONER:</b> IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THE MASTER PLAN AMENDMENT FOR THE WHITNEY WASH – DUCK CREEK CHANNEL (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None by this action

**BACKGROUND:**

The Whitney Wash – Duck Creek system currently shown in the 2013 Las Vegas Valley Master Plan Update (MPU) includes a proposed detention basin (WWDC 0150) upstream of an existing 9-foot by 5-foot box culvert (WWDC 0084). This box culvert is shown to drain through a future concrete channel (WWDC 0069) to existing facilities constructed as part of residential development (WWDC 0000-0055).

During design of the Whitney Mesa Park and Recreational Area, it was determined the steep topography would require excessive excavation to obtain sufficient storage in the proposed Whitney Wash Detention Basin (WWDC 0149, 0150, and 0151). In addition, the high groundwater would require a dewatering system both during and after construction. Given the potential for significant construction and long-term maintenance costs associated with the proposed facilities, the detention basin is being replaced with facilities capable of conveying the total flow in the system. Although the existing box culvert (WWDC 0084) will function adequately without the detention basin, the existing facilities downstream (WWDC 0000-0055) will need to be replaced to increase their capacity. These facilities have also degraded over time and require extensive maintenance regardless of the proposed changes. This MPA proposes to replace these structures to increase capacity and address the significant maintenance issues.

TAC AGENDA ITEM #12 Date: 04/26/2018	RFCD AGENDA ITEM # Date: 05/24/2018
CAC AGENDA ITEM #12 Date: 04/30/2018	

During the evaluation of the revised system, it was determined that an upstream extension of the Whitney Wash-Duck Creek system was warranted. The proposed upstream extension is shown on Figure 3 in the backup. The upstream extension will utilize existing facilities where possible. These facilities will be included on the MPU as existing facilities (WWDC 0147, 0158, 0166, and 0170) with this MPA. This existing system begins in Valle Verde Drive south of Sunset Road where an 11-foot wide by 4-foot deep open channel on the east side of Valle Verde Drive collects surface runoff from the south in Valle Verde Drive and from the west in High View Drive. The channel transitions to an 11-foot by 4-foot RCB behind a commercial subdivision at the corner of Valle Verde Drive and Sunset Road, and continues under Sunset Road for approximately 575 feet. The existing storm drain turns northeast in a drainage easement through the Ridgeview Village development until it daylights into the Whitney Mesa Park and Recreational Area site. It is proposed to add facilities to the MPU (WWDC 0126, 0148, 0159, and 0167) that parallel the existing system until they turn into the Ridgeview Village development, and then extend down Sunset to tie into the existing 9-foot by 5-foot RCB (WWDC 0084) at the Whitney Mesa Estates subdivision.

**Facility Summary**

**Removed facilities from 2013 MPU:**

- Whitney Wash Detention Basin and outfall channel (WWDC 0149,0150 and 0151).

**Facilities from 2013 MPU to be increased in capacity:**

- Proposed channel downstream of detention basin (WWDC 0069 becomes 0070); and
- Existing concrete channels downstream of detention basin (WWDC 0000-0055 become 0001-0056).

**Added facilities to 2013 MPU:**

- Existing facilities upstream of Sunset Road (WWDC 0147-0170); and
- Proposed facilities upstream of Sunset Road (WWDC 0126-0167).

TAC AGENDA ITEM # 12 Date: 04/26/2018	RFCD AGENDA ITEM # Date: 05/24/2018
CAC AGENDA ITEM #.2 Date: 04/30/2018	



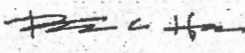
Estimated Costs for the proposed changes are as follows:

ID Miles	2013 MPU (x 1,000)	2018 MPA (x 1,000)
Current System: Detention Basin and Outfall (WWDC 0000-0151)	\$1,630	-
Proposed System: Full Conveyance (WWDC 0001-0084)	-	\$6,340
Proposed Added System: Upstream of Sunset Road (WWDC 0126-0170)	-	\$4,343
Total:	\$1,630	\$10,683

The total estimated cost of the revised WWDC System facilities is \$10.683 million, which is \$9.053million more than the cost shown for the detention basin and outfall shown in the 2013 MPU.

The proposed amendment to the MPU is consistent with the general principles set forth in NRS 543.597 and subsection 3 of NRS 543.590, and this MPA represents the most cost-effective structural and regulatory means for correcting existing problems of flooding within the area and dealing with the probable effects of future development. These facilities do not adversely affect the continued implementation of the MPU.

Respectfully submitted,

DocuSigned by:  
  
 BCA33BA61AA426...  
 Robert C. Herr, Director  
 Department of Public Works, Parks and Recreation

TAC AGENDA ITEM #12 Date: 04/26/2018	RFCO AGENDA ITEM # Date: 05/24/2018
CAC AGENDA ITEM #12 Date: 04/30/2018	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

MASTER PLAN AMENDMENT  
WHITNEY WASH – DUCK CREEK CHANNEL

The Whitney Wash – Duck Creek system currently shown in the 2013 Las Vegas Valley Master Plan Update (MPU) includes a proposed detention basin (WWDC 0150) upstream of an existing 9-foot by 5-foot box culvert (WWDC 0084). This box culvert is shown to drain through a future concrete channel (WWDC 0069) to existing facilities constructed as part of residential development (WWDC 0000-0055).

During design of the Whitney Mesa Park and Recreational Area, it was determined the steep topography would require excessive excavation to obtain sufficient storage in the proposed Whitney Wash Detention Basin (WWDC 0149, 0150, and 0151). In addition, the high groundwater would require a dewatering system both during and after construction. Given the potential for significant construction and long-term maintenance costs associated with the proposed facilities, the detention basin is being replaced with facilities capable of conveying the total flow in the system. Although the existing box culvert (WWDC 0084) will function adequately without the detention basin, the existing facilities downstream (WWDC 0000-0055) will need to be replaced to increase their capacity. These facilities have also degraded over time and require extensive maintenance regardless of the proposed changes. This MPA proposes to replace these structures to increase capacity and address the significant maintenance issues.

During the evaluation of the revised system, it was determined that an upstream extension of the Whitney Wash-Duck Creek system was warranted. The proposed upstream extension is shown on Figure 3 in the MPA. The upstream extension will utilize existing facilities where possible. These facilities will be included on the MPU as existing facilities (WWDC 0147, 0158, 0166, and 0170) with this MPA. This existing system begins in Valle Verde Drive south of Sunset Road where an 11-foot wide by 4-foot deep open channel on the east side of Valle Verde Drive collects surface runoff from the south in Valle Verde Drive and from the west in High View Drive. The channel transitions to an 11-foot by 4-foot RCB behind a commercial subdivision at the corner of Valle Verde Drive and Sunset Road, and continues under Sunset Road for approximately 575 feet. The existing storm drain turns northeast in a drainage easement through the Ridgeview Village development until it daylights into the Whitney Mesa Park and Recreational Area site. It is proposed to add facilities to the MPU (WWDC 0126, 0148, 0159, and 0167) that parallel the existing system until they turn into the Ridgeview Village development, and then extend down Sunset to tie into the existing 9-foot by 5-foot RCB (WWDC 0084) at the Whitney Mesa Estates subdivision.

Facility Summary

Removed facilities from 2013 MPU:

- Whitney Wash Detention Basin and outfall channel (WWDC 0149, 0150 and 0151).

Facilities from 2013 MPU to be increased in capacity:

- Proposed channel downstream of detention basin (WWDC 0069 becomes 0070); and
- Existing concrete channels downstream of detention basin (WWDC 0000-0055 become 0001-0056).

Added facilities to 2013 MPU:

- Existing facilities upstream of Sunset Road (WWDC 0147-0170); and
- Proposed facilities upstream of Sunset Road (WWDC 0126-0167).

The total estimated cost of the revised WWDC System facilities is \$10.683 million, which is \$9.053 million more than the cost shown for the detention basin and outfall shown in the 2013 MPU.

**Staff Recommendation:**

Approve and recommend that the Board find the Master Plan Amendment sets forth the most effective structural and regulatory means for correcting existing problems of flooding in the area and dealing with the probable effects of future development (NRS 543.590[3]) (NRS 543.597). The Master Plan Amendment will not become effective until it is adopted by the City of Henderson.

**Discussion by Technical Advisory Committee:**

AGENDA  
#12 Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#12 Date: 04/30/18

**Recommendation:**



April 12, 2018

Steven C. Parrish, P.E.  
General Manager/Chief Engineer  
Clark County Regional Flood Control District  
600 S. Grand Central Parkway, Ste. 300  
Las Vegas, NV 89106-4511

**Subject: Executive Summary for the Whitney Mesa Master Plan Amendment to the 2013 Las Vegas Valley Flood Control Master Plan Update (MPU)**

Dear Mr. Parrish,

This Master Plan Amendment (MPA) was prepared by Louis Berger U.S., Inc. (Louis Berger) for the City of Henderson to address removal of the proposed Whitney Wash Detention Basin from the MPU due to construction and maintenance difficulties presented by the basin site's steep topography and high groundwater table. This MPA eliminates the proposed 48-acre-foot Whitney Wash Detention Basin, spillway, and outlet; proposes increased capacity in the existing Whitney Wash-Duck Creek (WWDC) Channel system tributary to Pittman Wash-Duck Creek Channel; and extends the Whitney Wash-Duck Creek flood control system farther upstream in the watershed.

Existing facilities in the WWDC system include the Whitney Wash Channel (WWDC 0000, 0015, 0030, 0033, 0054, and 0055) constructed in the late 1980s by the Candle Creek development, and the Whitney Mesa Estates Channel (WWDC 0084) constructed by that developer in 2012. Whitney Wash Channel is an open trapezoidal channel located within a 30-foot drainage easement bound by retaining and property walls with 14-foot by 8.75-foot corrugated metal arch pipes at the crossings of Galleria Drive and Whitney Ranch Drive. The walls have drainage openings and pipes projecting through them such that, if the water level exceeds the top of channel slope, it will back up onto adjacent private property. Without the upstream detention basin attenuating flow, Whitney Wash Channel (WWDC 0000-0055) is undersized for ultimate condition, 100-year flowrates. The Whitney Mesa Estates Channel is adequately sized for the ultimate condition flow rate and requires no changes. During review of the hydrologic models for the Whitney Wash-Duck Creek watershed, it was noted that sufficient runoff (in excess of 500 cfs) is generated upstream of the former detention basin site to warrant extension of the WWDC system.

This MPA addresses both existing and proposed flood control facilities in the Whitney Wash-Duck Creek watershed. **Figure 1** presents the MPA Vicinity Map, **Figure 2** shows the existing MPU facilities to be removed or replaced, and **Figure 3** shows the proposed Whitney Wash-Duck Creek flood control system. The Master Plan Amendment changes are summarized below:

- Replace existing Whitney Wash-Duck Creek Channel (WWDC 0000 and 0015) with a larger rectangular concrete channel (WWDC 0001 and 0016).

- Replace existing corrugated metal arch culverts and trapezoidal channel sections (WWDC 0030 – 0055) with reinforced concrete box (WWDC 0031 – 0056).
- Replace proposed open channel WWDC 0069 with reinforced concrete box (WWDC 0070).
- Remove proposed Whitney Wash Detention Basin, spillway, and outlet (WWDC 0149 – 0151) facilities.
- Extend a proposed Whitney Wash-Duck Creek storm drain system in Sunset Road to Valle Verde Drive (WWDC 0126 – 0167).
- Add existing local facilities located in Sunset Road and Valle Verde Drive to the Master Plan (WWDC 0147 – 0170).

The existing and proposed Whitney Wash-Duck Creek system outlined in this MPA does not adversely impact downstream Pittman Wash or Duck Creek facilities.

Costs associated with the recommended Whitney Wash-Duck Creek system using 2013 MPU costs are tabulated herein.

<b>WHITNEY MESA MASTER PLAN AMENDMENT COST ESTIMATE</b>	
<b>Category A Facilities</b>	<b>Cost (\$ x 1000)</b>
Facilities Removed by MPA	(\$1,630)
Facilities Replaced by MPA	\$6,340
Facilities Added by MPA	\$4,343
<b>Net Increase to 2013 MPU</b>	<b>\$9,053</b>

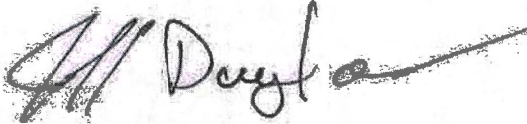
The cost to replace existing and proposed Whitney Wash-Duck Creek facilities, \$6.3 million, provides structures with improved hydraulic performance and sufficient capacity to safely convey flow through the Candle Creek development. The proposed facilities will eliminate overtopping of Whitney Ranch Drive and Galleria Drive road crossings currently designated as special flood hazard areas by FEMA. The addition of WWDC facilities in Sunset Road to Valle Verde Drive will collect and convey runoff in excess of 500 cfs.

This Master Plan Amendment sets forth the most effective structural and regulatory means for correcting existing flooding problems in the Whitney Mesa-Duck Creek watershed while dealing with the probable effects of future development (NRS 543.590[3]). These facilities do not adversely affect continued implementation of the Master Plan. All hydrologic and hydraulic analyses prepared for this MPA are in conformance with Clark County Regional Flood Control District criteria outlined in preparation of the 2013 MPU. Adoption of this MPA conforms to the District's mission to "... improve the protection of life and property for existing residents, future residents, and visitors from the impacts of flooding."

If you have any questions or require additional information, please contact me directly at (702) 789-1978.

Sincerely,

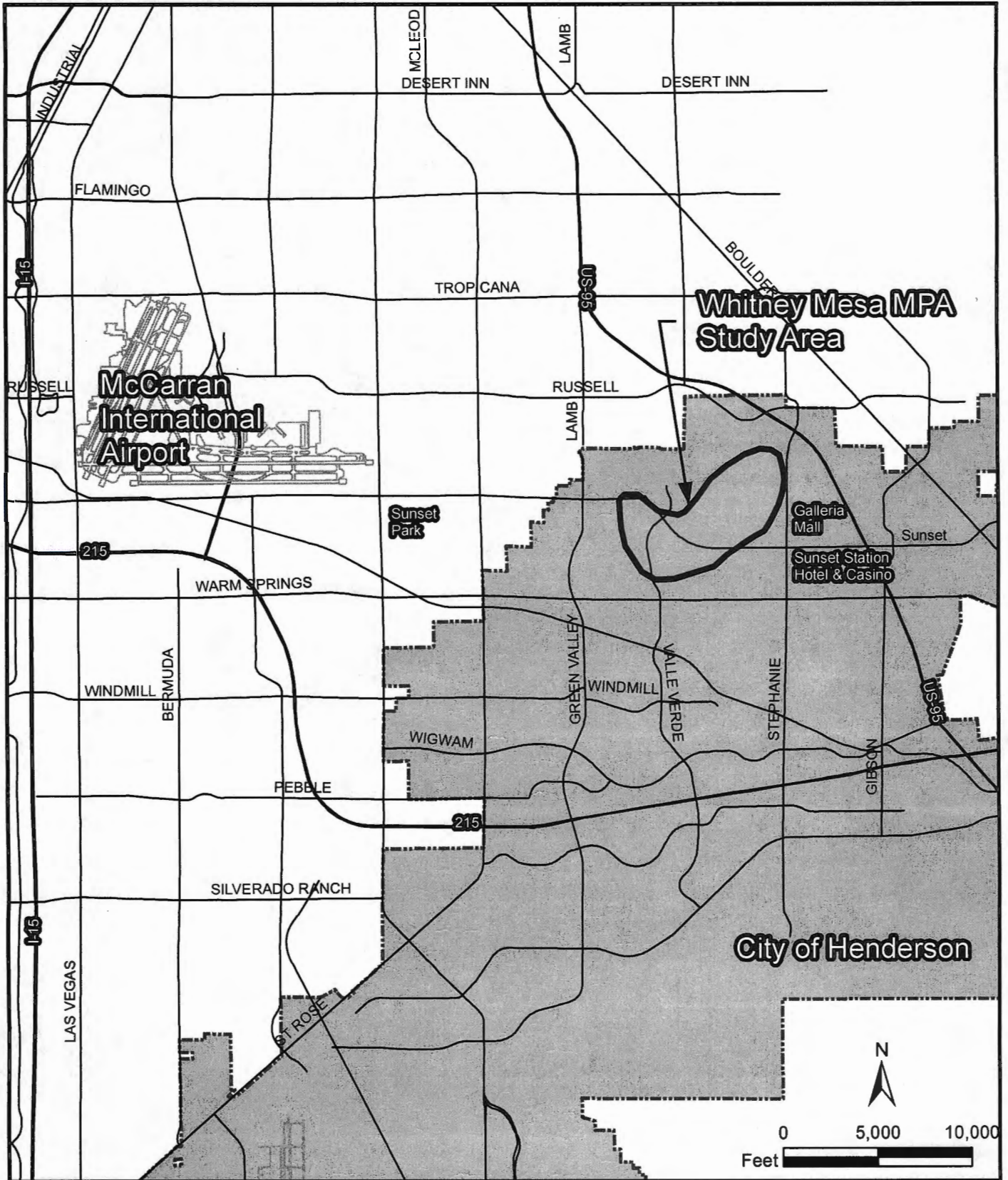
Louis Berger, U.S., Inc.

A handwritten signature in black ink, appearing to read "Jeffrey S. Douglas", with a long horizontal flourish extending to the right.

Jeffrey S. Douglas, P.E.  
Project Manager

JSD/jar

c: Albert Jankowiack, P.E., CFM, City of Henderson  
Syndi Dudley, PhD, P.E., Louis Berger



REGIONAL FLOOD CONTROL DISTRICT



VICINITY MAP  
FIGURE 1



Louis Berger

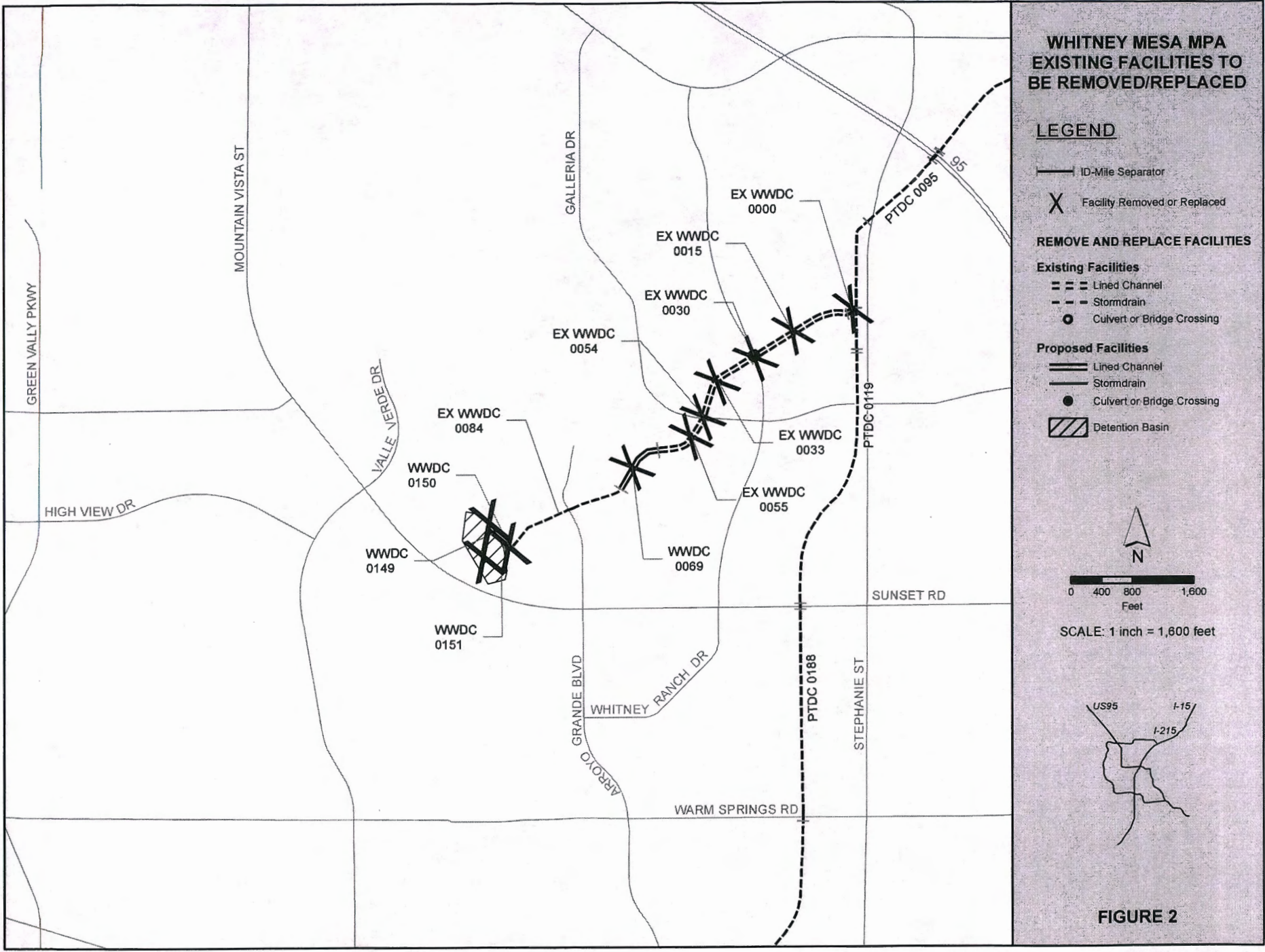


FIGURE 2



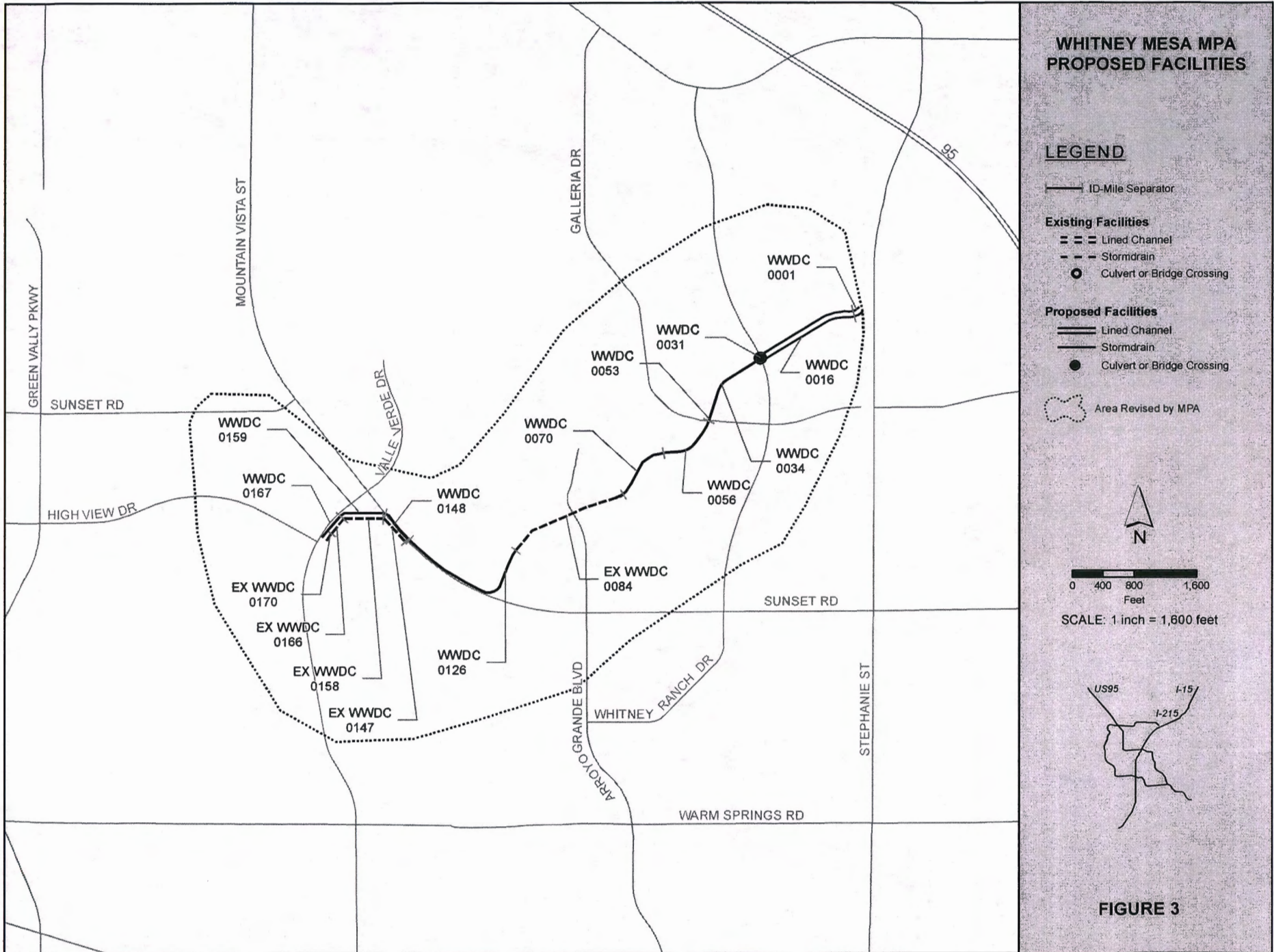


FIGURE 3

**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. 1 TO THE INTERLOCAL CONTRACT FOR CONSTRUCTION TO DECREASE FUNDING FOR THE LOCAL DRAINAGE IMPROVEMENTS FOR KATIE AVENUE STORM DRAIN - CLD19A17 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

	<u>CURRENT</u>		<u>REVISED</u>	<u>FISCAL IMPACT</u>
Clark County	\$ 376,406.50	\$	280,922.50	\$ (95,484.00)
CCRFCD FY 2017/18	\$ 994,016.50	\$	767,277.50	\$ (226,739.00)
Total ILC Value	\$ 1,370,423.00	\$	1,048,200.00	\$ (322,223.00)

**BACKGROUND:**

On July 13, 2017, the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for construction for the subject project. Due to unavoidable utility conflicts, the County requests an extension of time for the project. However, bids have now been opened and the District's costs are lower than originally anticipated.

This first supplemental interlocal contract will decrease funds and extend the term of the contract for the project from June 30, 2018 to June 30, 2019.

Respectfully submitted,

<b>TAC AGENDA ITEM #13a Date: 04.26.18</b>	<b>RFCD AGENDA ITEM # Date: 05.24.18</b>
<b>CAC AGENDA ITEM #13a Date: 04.30.18</b>	

  
 DENIS CEDERBURG  
 Director of Public Works

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

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

Clark County has submitted a request to approve a first supplemental interlocal contract for construction to decrease funding in the amount of \$226,739.00 and extend the project completion date from June 30, 2018 to June 30, 2019 for the Local Drainage Improvements – Katie Avenue Storm Drain project.

Due to unavoidable utility conflicts, the County requests an extension of time. Bids have been opened and the District's costs are lower than originally anticipated. District funding will be as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$994,016.50	(\$226,739.00)	\$767,277.50
Total ILC Value	\$994,016.50	(\$226,739.00)	\$767,277.50

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#13a Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#13a Date: 04/30/18

**Recommendation:**

**SUPPLEMENTAL NO. 1 TO THE INTERLOCAL CONTRACT FOR  
FOR LOCAL DRAINAGE IMPROVEMENTS IN  
KATIE AVENUE STORM DRAIN**

**THIS SUPPLEMENTAL INTERLOCAL CONTRACT**, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2018, 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 decrease funds and extend the term of the contract 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, 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. The District's share of construction costs shall not exceed \$767,277.50 or 100 percent of construction of the first quarter mile and 50 percent for the remainder of the project, whichever is less.
2. The total cost of this CONTRACT shall not exceed \$767,277.50, which includes all items described in the paragraph above.
3. 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.



The remainder of the original Interlocal Contract dated July 13, 2017 remains unchanged.

IN WITNESS WHEREOF, this Supplemental No. 1 to the Interlocal Contract is hereby executed as of the date first set forth above.

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

\_\_\_\_\_  
By: \_\_\_\_\_  
STEVE SISOLAK  
Chairman

Attest:

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

\*\*\*\*\*

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

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

Attest:

\_\_\_\_\_  
DEANNA HUGHES  
Secretary to the Board  
Approved as to Form:

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



LEGEND	
	PROPOSED
	EXISTING

**EXHIBIT  
A**

---

NOT SHOWN TO SCALE  
APR 13, 2018

**KATIE AVENUE STORM DRAIN**  
GRAND CANYON DRIVE  
TO FORT APACHE ROAD  
PROJECT NUMBER: CLD19A17



**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 RECEIVE A REPORT ON THE RECOMMENDATION FOR BEST BID FOR CONSTRUCTION OF LOCAL DRAINAGE IMPROVEMENTS KATIE AVENUE STORM DRAIN - CLD19A17

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

Funding will be provided as follows:

\$ 767,277.50	Funding by Regional Flood Control District
\$ 280,922.50	Funding by Clark County
<u>\$ 1,048,200.00</u>	Total

**BACKGROUND:**

On January 22, 2018, bids were opened for the project. Ten bids were received ranging from \$1,048,200.00 to \$1,924,293.00. The recommended best bid is to Meadow Valley Contractors Inc., in the amount of \$1,048,200.00, or 23.51% below the engineer's estimate of \$1,370,423.00 presented to the District Board on July 13, 2017. The interlocal contract dated July 13, 2017, between the District and the County, allocates \$994,016.50 for construction of this project. There is an item on this agenda for approval to decrease construction funding to \$767,277.50. A cash flow projection, estimated construction schedule, and a tabulation of bids are attached.

Respectfully submitted,

  
DENIS CEDERBURG  
Director of Public Works

TAC AGENDA ITEM # 13b Date: 04.26.18	RFCD AGENDA ITEM # Date: 05.24.18
CAC AGENDA ITEM # 13b Date: 04.30.18	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

**LOCAL DRAINAGE IMPROVEMENTS FOR KATIE AVENUE STORM DRAIN  
AWARD OF BID – CLD19A17**

On January 22, 2018, bids were opened for the Katie Avenue Storm Drain Project. Ten bids were received ranging in cost from \$1,048,200.00 to \$1,924,293.00. The lowest bidder of \$1,048,000.00 by Meadow Valley Contractors, Inc., was recommended, which is approximately 23.51% lower than the engineer's estimate of \$1,370,423.00.

The interlocal contract dated July 13, 2017 between the District and Clark County allocates \$994,016.50 for construction of this project. There is an agenda item on this agenda for approval to decrease construction funding to \$767,277.50.

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: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#13b Date: 04/30/18

**Recommendation:**

Clark County Regional Flood Control District Cash Flow Projection

Today's Date: 4/13/2018

Project Number: CLD19A17  
 Project Name: KATIE AVENUE STORM DRAIN  
 Project Type: Storm Drain  
 ILC Amount: 767,277.50

Construction Schedule			
Milestone	Estimate	Revised	Actual
Award of Bid	March-18		
CONS Start	May-18		
CONS Complete	August-18		
Project Duration	4 months		

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate	
	\$	%	\$	%	\$	%	\$	%
May-18	191,819.38	25%						
Jun-18	191,819.38	25%						
Jul-18	191,819.38	25%						
Aug-18	191,819.38	25%						
Sep-18	0.00							
Oct-18	0.00							
Nov-18	0.00							
Dec-18	0.00							
Jan-19	0.00							
Feb-19	0.00							
Mar-19	0.00							
Apr-19	0.00							
May-19	0.00							
Jun-19	0.00							
Jul-19	0.00							
Aug-19	0.00							
Sep-19	0.00							
Oct-19	0.00							
Nov-19	0.00							
Dec-19	0.00							
Jan-20	0.00							
Feb-20	0.00							
Mar-20	0.00							
Apr-20	0.00							
<b>Total</b>	<b>767,277.50</b>	<b>100%</b>						

Project Name: Katie Avenue Storm Drain - Grand Canyon Drive To Fort Apache Road

**FUNDING BREAKDOWN**

Project Number: FCLD19A

Bid Number: 604653-17

Opening Date: 01/22/2018

L Number: 2155

Design Division Work Order Number: D2017-008

Item No.	Description	Quantity	Unit	Meadow Valley Contractors Inc. d/b/a ACC Southwest		Regional Flood Control District		Clark County	
				Unit Price	Amount	Quantity	Amount	Quantity	Amount
105.01	QUALITY CONTROL ADMINISTRATIVE INCENTIVE	1	LS	\$10,000.00	\$ 10,000.00	0.75	\$ 7,500.00	0.3	\$ 2,500.00
107.01	TRAFFIC CONTROL	120	DAY	\$325.00	\$ 39,000.00	90.00	\$ 29,250.00	30.0	\$ 9,750.00
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$100,000.00	\$ 100,000.00	0.75	\$ 75,000.00	0.25	\$ 25,000.00
109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	10	DAY	\$500.00	\$ 5,000.00	7.50	\$ 3,750.00	2.50	\$ 1,250.00
109.03	ADDITIONAL AMOUNT OVER \$500/DAY AS DETERMINED BY BIDDER	10	DAY	\$500.00	\$ 5,000.00	7.50	\$ 3,750.00	2.50	\$ 1,250.00
200.01	MOBILIZATION	1	LS	\$195,000.00	\$ 195,000.00	0.75	\$ 146,250.00	0.25	\$ 48,750.00
202.01	ABANDON STORM DRAIN MANHOLE	2	EA	\$2,900.00	\$ 5,800.00	1.00	\$ 2,900.00	1.00	\$ 2,900.00
202.02	ABANDON 36" RCP STORM DRAIN	1	LS	\$5,200.00	\$ 5,200.00	0.50	\$ 2,600.00	0.50	\$ 2,600.00
202.03	ABANDON 8" PVC STORM DRAIN	1	LS	\$5,500.00	\$ 5,500.00	0.50	\$ 2,750.00	0.50	\$ 2,750.00
208.01	TRENCH OVER-EXCAVATION & COMPACTED IMPORTED AGGREGATE BEDDING	120	CY	\$25.00	\$ 3,000.00	90.00	\$ 2,250.00	30.00	\$ 750.00
302.01	TYPE II AGGREGATE BASE	450	CY	\$46.00	\$ 20,700.00	337.50	\$ 15,525.00	112.50	\$ 5,175.00
402.01	PLANTMIX BITUMINOUS SURFACE (3-INCH)	710	TON	\$131.00	\$ 93,010.00	532.50	\$ 69,757.50	177.50	\$ 23,252.50
502.01	REINFORCED CONCRETE COLLAR CONNECTION STRUCTURE	2	EA	\$1,400.00	\$ 2,800.00	1.50	\$ 2,100.00	0.50	\$ 700.00
502.02	REINFORCED CONCRETE PIPE COLLAR	1	EA	\$1,400.00	\$ 1,400.00	0.50	\$ 700.00	0.50	\$ 700.00
603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS IV)	128	LF	\$195.00	\$ 24,960.00	96.00	\$ 18,720.00	32.00	\$ 6,240.00
603.02	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	2496	LF	\$160.00	\$ 399,360.00	1,872.00	\$ 299,520.00	624.00	\$ 99,840.00
609.01	VERTICALLY ADJUST STORM DRAIN MANHOLE GRADE RINGS	1	EA	\$1,200.00	\$ 1,200.00	1.00	\$ 1,200.00	0.00	\$ -
609.02	60" TYPE I MANHOLE	6	EA	\$5,640.00	\$ 33,840.00	4.00	\$ 22,560.00	2.00	\$ 11,280.00
609.03	60" TYPE IA MANHOLE	1	EA	\$6,440.00	\$ 6,440.00	0.50	\$ 3,220.00	0.50	\$ 3,220.00
609.04	60" TYPE III MANHOLE (ANGLE POINT)	4	EA	\$6,680.00	\$ 26,720.00	3.00	\$ 20,040.00	1.00	\$ 6,680.00
609.05	4' TYPE "A" DROP INLET	1	EA	\$8,050.00	\$ 8,050.00	0.50	\$ 4,025.00	0.50	\$ 4,025.00
609.06	4' MODIFIED TYPE "A" DROP INLET	3	EA	\$10,700.00	\$ 32,100.00	1.50	\$ 16,050.00	1.50	\$ 16,050.00
609.07	RECONSTRUCT EXISTING STORM DRAIN DROP INLET STRUCTURE	1	LS	\$5,600.00	\$ 5,600.00	0.50	\$ 2,800.00	0.50	\$ 2,800.00
609.08	RECONSTRUCT EXISTING STORM DRAIN MANHOLE JUNCTION STRUCTURE	1	LS	\$4,400.00	\$ 4,400.00	1.00	\$ 4,400.00	0.00	\$ -
628.01	TYPE 2 PERMANENT PAVEMENT MARKING FILM ("ONLY" LEGEND)	1	EA	\$500.00	\$ 500.00	0.50	\$ 250.00	0.50	\$ 250.00
630.01	VERTICALLY ADJUST SANITARY SEWER MANHOLE GRADE RINGS	1	EA	\$1,200.00	\$ 1,200.00	1.00	\$ 1,200.00	0.00	\$ -
633.01	PAVEMENT MARKERS (NON-REFLECTIVE)	15	EA	\$15.00	\$ 225.00	7.50	\$ 112.50	7.50	\$ 112.50
633.02	PAVEMENT MARKERS (REFLECTIVE)	13	EA	\$15.00	\$ 195.00	6.50	\$ 97.50	6.50	\$ 97.50
637.01	DUST CONTROL	120	DAY	\$100.00	\$ 12,000.00	90.00	\$ 9,000.00	30.00	\$ 3,000.00
<b>ACTUAL TOTAL OF ITEMS</b>					<b>\$ 1,048,200.00</b>		<b>\$ 767,277.80</b>		<b>\$ 280,922.50</b>

Project Name: Katie Avenue Storm Drain - Grand Canyon Drive To Fort Apache Road

Project Number: FCLD19A

BID ABSTRACT

Bid Number: 604653-17

Opening Date: 01/22/2018

L Number: 2155

Design Division Work Order Number: D2017-008

Asset Class	Item No.	Description	Quantity	Unit	Engineer's Estimate		Meadow Valley Contractors Inc. d/b/a ACC Southwest	
					Unit Price	Amount	Calc'd Unit Price	Amount
A	105.01	QUALITY CONTROL ADMINISTRATIVE INCENTIVE	1	LS	\$10,000.00	\$ 10,000.00	\$10,000.00	\$ 10,000.00
A	107.01	TRAFFIC CONTROL	120	DAY	\$500.00	\$ 60,000.00	\$325.00	\$ 39,000.00
A	109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$100,000.00	\$ 100,000.00	\$100,000.00	\$ 100,000.00
A	109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	10	DAY	\$500.00	\$ 5,000.00	\$500.00	\$ 5,000.00
A	109.03	ADDITIONAL AMOUNT OVER \$500/DAY AS DETERMINED BY BIDDER	10	DAY	\$500.00	\$ 5,000.00	\$500.00	\$ 5,000.00
A	200.01	MOBILIZATION	1	LS	\$75,000.00	\$ 75,000.00	\$195,000.00	\$ 195,000.00
F	202.01	ABANDON STORM DRAIN MANHOLE	2	EA	\$3,000.00	\$ 6,000.00	\$2,900.00	\$ 5,800.00
F	202.02	ABANDON 36" RCP STORM DRAIN	1	LS	\$2,000.00	\$ 2,000.00	\$5,200.00	\$ 5,200.00
F	202.03	ABANDON 8" PVC STORM DRAIN	1	LS	\$500.00	\$ 500.00	\$5,500.00	\$ 5,500.00
F	208.01	TRENCH OVER-EXCAVATION & COMPACTED IMPORTED AGGREGATE BEDDING	120	CY	\$35.00	\$ 4,200.00	\$25.00	\$ 3,000.00
P	302.01	TYPE II AGGREGATE BASE	450	CY	\$30.00	\$ 13,500.00	\$46.00	\$ 20,700.00
P	402.01	PLANTMIX BITUMINOUS SURFACE (3-INCH)	710	TON	\$100.00	\$ 71,000.00	\$131.00	\$ 93,010.00
F	502.01	REINFORCED CONCRETE COLLAR CONNECTION STRUCTURE	2	EA	\$5,000.00	\$ 10,000.00	\$1,400.00	\$ 2,800.00
F	502.02	REINFORCED CONCRETE PIPE COLLAR	1	EA	\$2,000.00	\$ 2,000.00	\$1,400.00	\$ 1,400.00
F	603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS IV)	128	LF	\$130.00	\$ 16,640.00	\$195.00	\$ 24,960.00
F	603.02	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	2496	LF	\$200.00	\$ 499,200.00	\$160.00	\$ 399,360.00
P	609.01	VERTICALLY ADJUST STORM DRAIN MANHOLE GRADE RINGS	1	EA	\$1,000.00	\$ 1,000.00	\$1,200.00	\$ 1,200.00
F	609.02	60" TYPE I MANHOLE	6	EA	\$8,500.00	\$ 51,000.00	\$5,640.00	\$ 33,840.00
F	609.03	60" TYPE IA MANHOLE	1	EA	\$9,000.00	\$ 9,000.00	\$6,440.00	\$ 6,440.00
F	609.04	60" TYPE III MANHOLE (ANGLE POINT)	4	EA	\$9,500.00	\$ 38,000.00	\$6,680.00	\$ 26,720.00
F	609.05	4' TYPE "A" DROP INLET	1	EA	\$10,000.00	\$ 10,000.00	\$8,050.00	\$ 8,050.00
F	609.06	4' MODIFIED TYPE "A" DROP INLET	3	EA	\$12,000.00	\$ 36,000.00	\$10,700.00	\$ 32,100.00
F	609.07	RECONSTRUCT EXISTING STORM DRAIN DROP INLET STRUCTURE	1	LS	\$5,000.00	\$ 5,000.00	\$5,600.00	\$ 5,600.00
F	609.08	RECONSTRUCT EXISTING STORM DRAIN MANHOLE JUNCTION STRUCTURE	1	LS	\$5,000.00	\$ 5,000.00	\$4,400.00	\$ 4,400.00
P	628.01	TYPE 2 PERMANENT PAVEMENT MARKING FILM ("ONLY" LEGEND)	1	EA	\$300.00	\$ 300.00	\$500.00	\$ 500.00
P	630.01	VERTICALLY ADJUST SANITARY SEWER MANHOLE GRADE RINGS	1	EA	\$1,000.00	\$ 1,000.00	\$1,200.00	\$ 1,200.00
P	633.01	PAVEMENT MARKERS (NON-REFLECTIVE)	15	EA	\$4.50	\$ 67.50	\$15.00	\$ 225.00
P	633.02	PAVEMENT MARKERS (REFLECTIVE)	13	EA	\$5.00	\$ 65.00	\$15.00	\$ 195.00
A	637.01	DUST CONTROL	120	DAY	\$200.00	\$ 24,000.00	\$100.00	\$ 12,000.00
<b>ACTUAL TOTAL OF ITEMS</b>						<b>\$1,060,472.50</b>		<b>\$1,048,200.00</b>
TOTAL SHOWN ON BID SUMMARY						NA		\$1,048,200.00
ERROR						NA		\$0.00

Project Name: Katie Avenue Storm Drain - Grand Canyon Drive To Fort Apache Road

Project Number: FCLD19A

BID ABSTRACT

Bid Number: 604653-17

Opening Date: 01/22/2018

L Number: 2155

Design Division Work Order Number: D2017-008

Asset Class	Item No.	Description	Quantity	Unit	Tand Inc.		Harber Company Inc. dba Mountain Cascade of Nevada		Apec Consultants Inc. dba Fab Construction	
					Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
A	105.01	QUALITY CONTROL ADMINISTRATIVE INCENTIVE	1	LS	\$10,000.00	\$ 10,000.00	\$10,000.00	\$ 10,000.00	\$10,000.00	\$ 10,000.00
A	107.01	TRAFFIC CONTROL	120	DAY	\$350.00	\$ 42,000.00	\$75.00	\$ 9,000.00	\$910.00	\$ 109,200.00
A	109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$100,000.00	\$ 100,000.00	\$100,000.00	\$ 100,000.00	\$100,000.00	\$ 100,000.00
A	109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	10	DAY	\$500.00	\$ 5,000.00	\$500.00	\$ 5,000.00	\$500.00	\$ 5,000.00
A	109.03	ADDITIONAL AMOUNT OVER \$500/DAY AS DETERMINED BY BIDDER	10	DAY	\$500.00	\$ 5,000.00	\$100.00	\$ 1,000.00	\$500.00	\$ 5,000.00
A	200.01	MOBILIZATION	1	LS	\$121,728.00	\$ 121,728.00	\$30,000.00	\$ 30,000.00	\$70,400.00	\$ 70,400.00
F	202.01	ABANDON STORM DRAIN MANHOLE	2	EA	\$2,000.00	\$ 4,000.00	\$2,000.00	\$ 4,000.00	\$1,350.00	\$ 2,700.00
F	202.02	ABANDON 36" RCP STORM DRAIN	1	LS	\$6,250.00	\$ 6,250.00	\$6,000.00	\$ 6,000.00	\$1,350.00	\$ 1,350.00
F	202.03	ABANDON 8" PVC STORM DRAIN	1	LS	\$1,800.00	\$ 1,800.00	\$3,000.00	\$ 3,000.00	\$1,350.00	\$ 1,350.00
F	208.01	TRENCH OVER-EXCAVATION & COMPACTED IMPORTED AGGREGATE BEDDING	120	CY	\$50.00	\$ 6,000.00	\$75.00	\$ 9,000.00	\$154.00	\$ 18,480.00
P	302.01	TYPE II AGGREGATE BASE	450	CY	\$80.00	\$ 36,000.00	\$95.00	\$ 42,750.00	\$30.00	\$ 13,500.00
P	402.01	PLANTMIX BITUMINOUS SURFACE (3-INCH)	710	TON	\$172.00	\$ 122,120.00	\$110.00	\$ 78,100.00	\$120.00	\$ 85,200.00
F	502.01	REINFORCED CONCRETE COLLAR CONNECTION STRUCTURE	2	EA	\$3,500.00	\$ 7,000.00	\$7,000.00	\$ 14,000.00	\$4,000.00	\$ 8,000.00
F	502.02	REINFORCED CONCRETE PIPE COLLAR	1	EA	\$2,000.00	\$ 2,000.00	\$1,200.00	\$ 1,200.00	\$3,700.00	\$ 3,700.00
F	603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS IV)	128	LF	\$265.00	\$ 33,920.00	\$260.00	\$ 33,280.00	\$204.00	\$ 26,112.00
F	603.02	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	2496	LF	\$175.00	\$ 436,800.00	\$253.00	\$ 631,488.00	\$191.00	\$ 476,736.00
P	609.01	VERTICALLY ADJUST STORM DRAIN MANHOLE GRADE RINGS	1	EA	\$1,100.00	\$ 1,100.00	\$1,000.00	\$ 1,000.00	\$1,800.00	\$ 1,800.00
F	609.02	60" TYPE I MANHOLE	6	EA	\$13,000.00	\$ 78,000.00	\$8,000.00	\$ 48,000.00	\$8,300.00	\$ 49,800.00
F	609.03	60" TYPE IA MANHOLE	1	EA	\$9,500.00	\$ 9,500.00	\$9,000.00	\$ 9,000.00	\$9,400.00	\$ 9,400.00
F	609.04	60" TYPE III MANHOLE (ANGLE POINT)	4	EA	\$8,800.00	\$ 35,200.00	\$9,300.00	\$ 37,200.00	\$9,700.00	\$ 38,800.00
F	609.05	4' TYPE "A" DROP INLET	1	EA	\$7,600.00	\$ 7,600.00	\$10,500.00	\$ 10,500.00	\$8,850.00	\$ 8,850.00
F	609.06	4' MODIFIED TYPE "A" DROP INLET	3	EA	\$7,600.00	\$ 22,800.00	\$13,400.00	\$ 40,200.00	\$13,240.00	\$ 39,720.00
F	609.07	RECONSTRUCT EXISTING STORM DRAIN DROP INLET STRUCTURE	1	LS	\$1,200.00	\$ 1,200.00	\$5,000.00	\$ 5,000.00	\$7,350.00	\$ 7,350.00
F	609.08	RECONSTRUCT EXISTING STORM DRAIN MANHOLE JUNCTION STRUCTURE	1	LS	\$4,500.00	\$ 4,500.00	\$4,000.00	\$ 4,000.00	\$6,130.00	\$ 6,130.00
P	628.01	TYPE 2 PERMANENT PAVEMENT MARKING FILM ("ONLY" LEGEND)	1	EA	\$300.00	\$ 300.00	\$300.00	\$ 300.00	\$286.00	\$ 286.00
P	630.01	VERTICALLY ADJUST SANITARY SEWER MANHOLE GRADE RINGS	1	EA	\$1,200.00	\$ 1,200.00	\$1,000.00	\$ 1,000.00	\$1,200.00	\$ 1,200.00
P	633.01	PAVEMENT MARKERS (NON-REFLECTIVE)	15	EA	\$3.00	\$ 45.00	\$2.00	\$ 30.00	\$2.50	\$ 37.50
P	633.02	PAVEMENT MARKERS (REFLECTIVE)	13	EA	\$4.00	\$ 52.00	\$3.00	\$ 39.00	\$4.50	\$ 58.50
A	637.01	DUST CONTROL	120	DAY	\$125.00	\$ 15,000.00	\$50.00	\$ 6,000.00	\$333.33	\$ 40,000.00
<b>ACTUAL TOTAL OF ITEMS</b>						<b>\$1,116,115.00</b>		<b>\$1,140,087.00</b>		<b>\$1,140,160.00</b>
TOTAL SHOWN ON BID SUMMARY						\$1,116,115.00		\$1,140,087.00		\$1,140,160.00
ERROR						\$0.00		\$0.00		\$0.00

Project Name: Katie Avenue Storm Drain - Grand Canyon Drive To Fort Apache Road

Project Number: FCLD19A

BID ABSTRACT

Bid Number: 604653-17

Opening Date: 01/22/2018

L Number: 2155

Design Division Work Order Number: D2017-008

Asset Class	Item No.	Description	Quantity	Unit	Lone Mountain Excavation & Utilities, LLC		Capriati Construction Corporation, Inc.		Las Vegas Paving Corporation	
					Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
A	105.01	QUALITY CONTROL ADMINISTRATIVE INCENTIVE	1	LS	\$10,000.00	\$ 10,000.00	\$10,000.00	\$ 10,000.00	\$10,000.00	\$ 10,000.00
A	107.01	TRAFFIC CONTROL	120	DAY	\$375.39	\$ 45,046.80	\$331.80	\$ 39,816.00	\$305.00	\$ 36,600.00
A	109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$100,000.00	\$ 100,000.00	\$100,000.00	\$ 100,000.00	\$100,000.00	\$ 100,000.00
A	109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	10	DAY	\$500.00	\$ 5,000.00	\$500.00	\$ 5,000.00	\$500.00	\$ 5,000.00
A	109.03	ADDITIONAL AMOUNT OVER \$500/DAY AS DETERMINED BY BIDDER	10	DAY	\$100.00	\$ 1,000.00	\$579.81	\$ 5,798.10	\$1.00	\$ 10.00
A	200.01	MOBILIZATION	1	LS	\$117,453.85	\$ 117,453.85	\$112,684.02	\$ 112,684.02	\$110,000.00	\$ 110,000.00
F	202.01	ABANDON STORM DRAIN MANHOLE	2	EA	\$1,420.00	\$ 2,840.00	\$1,779.97	\$ 3,559.94	\$1,300.00	\$ 2,600.00
F	202.02	ABANDON 36" RCP STORM DRAIN	1	LS	\$11,177.00	\$ 11,177.00	\$8,481.34	\$ 8,481.34	\$6,000.00	\$ 6,000.00
F	202.03	ABANDON 8" PVC STORM DRAIN	1	LS	\$5,340.00	\$ 5,340.00	\$3,946.70	\$ 3,946.70	\$2,400.00	\$ 2,400.00
F	208.01	TRENCH OVER-EXCAVATION & COMPACTED IMPORTED AGGREGATE BEDDING	120	CY	\$39.00	\$ 4,680.00	\$37.83	\$ 4,539.60	\$30.00	\$ 3,600.00
P	302.01	TYPE II AGGREGATE BASE	450	CY	\$107.25	\$ 48,262.50	\$59.76	\$ 26,892.00	\$54.00	\$ 24,300.00
P	402.01	PLANTMIX BITUMINOUS SURFACE (3-INCH)	710	TON	\$120.00	\$ 85,200.00	\$98.96	\$ 70,261.60	\$93.00	\$ 66,030.00
F	502.01	REINFORCED CONCRETE COLLAR CONNECTION STRUCTURE	2	EA	\$2,955.00	\$ 5,910.00	\$2,318.71	\$ 4,637.42	\$850.00	\$ 1,700.00
F	502.02	REINFORCED CONCRETE PIPE COLLAR	1	EA	\$2,955.00	\$ 2,955.00	\$3,589.00	\$ 3,589.00	\$1,800.00	\$ 1,800.00
F	603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS IV)	128	LF	\$241.00	\$ 30,848.00	\$132.32	\$ 16,936.96	\$230.00	\$ 29,440.00
F	603.02	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	2496	LF	\$197.00	\$ 491,712.00	\$229.03	\$ 571,658.88	\$252.00	\$ 628,992.00
P	609.01	VERTICALLY ADJUST STORM DRAIN MANHOLE GRADE RINGS	1	EA	\$797.00	\$ 797.00	\$1,925.94	\$ 1,925.94	\$800.00	\$ 800.00
F	609.02	60" TYPE I MANHOLE	6	EA	\$9,334.00	\$ 56,004.00	\$5,394.52	\$ 32,367.12	\$7,350.00	\$ 44,100.00
F	609.03	60" TYPE IA MANHOLE	1	EA	\$10,043.00	\$ 10,043.00	\$5,188.81	\$ 5,188.81	\$8,100.00	\$ 8,100.00
F	609.04	60" TYPE III MANHOLE (ANGLE POINT)	4	EA	\$10,258.00	\$ 41,032.00	\$8,931.77	\$ 35,727.08	\$8,600.00	\$ 34,400.00
F	609.05	4' TYPE "A" DROP INLET	1	EA	\$9,535.00	\$ 9,535.00	\$8,524.31	\$ 8,524.31	\$7,600.00	\$ 7,600.00
F	609.06	4' MODIFIED TYPE "A" DROP INLET	3	EA	\$11,870.00	\$ 35,610.00	\$9,019.09	\$ 27,057.27	\$10,000.00	\$ 30,000.00
F	609.07	RECONSTRUCT EXISTING STORM DRAIN DROP INLET STRUCTURE	1	LS	\$8,534.00	\$ 8,534.00	\$3,896.52	\$ 3,896.52	\$7,400.00	\$ 7,400.00
F	609.08	RECONSTRUCT EXISTING STORM DRAIN MANHOLE JUNCTION STRUCTURE	1	LS	\$8,263.00	\$ 8,263.00	\$4,478.63	\$ 4,478.63	\$6,000.00	\$ 6,000.00
P	628.01	TYPE 2 PERMANENT PAVEMENT MARKING FILM ("ONLY" LEGEND)	1	EA	\$251.00	\$ 251.00	\$2,561.54	\$ 2,561.54	\$300.00	\$ 300.00
P	630.01	VERTICALLY ADJUST SANITARY SEWER MANHOLE GRADE RINGS	1	EA	\$797.00	\$ 797.00	\$4,010.74	\$ 4,010.74	\$850.00	\$ 850.00
P	633.01	PAVEMENT MARKERS (NON-REFLECTIVE)	15	EA	\$3.15	\$ 47.25	\$40.18	\$ 602.70	\$4.00	\$ 60.00
P	633.02	PAVEMENT MARKERS (REFLECTIVE)	13	EA	\$4.20	\$ 54.60	\$22.67	\$ 294.71	\$4.00	\$ 52.00
A	637.01	DUST CONTROL	120	DAY	\$150.00	\$ 18,000.00	\$374.53	\$ 44,943.60	\$75.00	\$ 9,000.00
<b>ACTUAL TOTAL OF ITEMS</b>						<b>\$1,156,393.00</b>		<b>\$1,159,380.53</b>		<b>\$1,177,134.00</b>
TOTAL SHOWN ON BID SUMMARY						\$1,156,393.00		\$1,159,380.53		\$1,177,134.00
ERROR						\$0.00		\$0.00		\$0.00

Project Name: Katie Avenue Storm Drain - Grand Canyon Drive To Fort Apache Road

Project Number: FCLD19A

BID ABSTRACT

Bid Number: 604653-17

Opening Date: 01/22/2018

L Number: 2155

Design Division Work Order Number: D2017-008

Asset Class	Item No.	Description	Quantity	Unit	TAB Contractors, Inc.		Wadley Construction, Inc.		Granite Construction Company	
					Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
A	105.01	QUALITY CONTROL ADMINISTRATIVE INCENTIVE	1	LS	\$10,000.00	\$ 10,000.00	\$10,000.00	\$ 10,000.00	\$10,000.00	\$ 10,000.00
A	107.01	TRAFFIC CONTROL	120	DAY	\$650.00	\$ 78,000.00	\$319.00	\$ 38,280.00	\$750.00	\$ 90,000.00
A	109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$100,000.00	\$ 100,000.00	\$100,000.00	\$ 100,000.00	\$100,000.00	\$ 100,000.00
A	109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	10	DAY	\$500.00	\$ 5,000.00	\$500.00	\$ 5,000.00	\$500.00	\$ 5,000.00
A	109.03	ADDITIONAL AMOUNT OVER \$500/DAY AS DETERMINED BY BIDDER	10	DAY	\$1,500.00	\$ 15,000.00	\$0.00	\$ -	\$500.00	\$ 5,000.00
A	200.01	MOBILIZATION	1	LS	\$71,000.00	\$ 71,000.00	\$130,000.00	\$ 130,000.00	\$126,068.00	\$ 126,068.00
F	202.01	ABANDON STORM DRAIN MANHOLE	2	EA	\$2,700.00	\$ 5,400.00	\$4,000.00	\$ 8,000.00	\$4,000.00	\$ 8,000.00
F	202.02	ABANDON 36" RCP STORM DRAIN	1	LS	\$4,000.00	\$ 4,000.00	\$5,890.00	\$ 5,890.00	\$35,000.00	\$ 35,000.00
F	202.03	ABANDON 8" PVC STORM DRAIN	1	LS	\$1,700.00	\$ 1,700.00	\$2,710.00	\$ 2,710.00	\$50,000.00	\$ 50,000.00
F	208.01	TRENCH OVER-EXCAVATION & COMPACTED IMPORTED AGGREGATE BEDDING	120	CY	\$54.00	\$ 6,480.00	\$135.00	\$ 16,200.00	\$125.00	\$ 15,000.00
P	302.01	TYPE II AGGREGATE BASE	450	CY	\$114.00	\$ 51,300.00	\$52.10	\$ 23,445.00	\$88.00	\$ 39,600.00
P	402.01	PLANTMIX BITUMINOUS SURFACE (3-INCH)	710	TON	\$115.00	\$ 81,650.00	\$120.00	\$ 85,200.00	\$130.00	\$ 92,300.00
F	502.01	REINFORCED CONCRETE COLLAR CONNECTION STRUCTURE	2	EA	\$3,000.00	\$ 6,000.00	\$5,250.00	\$ 10,500.00	\$8,800.00	\$ 17,600.00
F	502.02	REINFORCED CONCRETE PIPE COLLAR	1	EA	\$2,900.00	\$ 2,900.00	\$1,990.00	\$ 1,990.00	\$7,500.00	\$ 7,500.00
F	603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS IV)	128	LF	\$175.00	\$ 22,400.00	\$190.00	\$ 24,320.00	\$600.00	\$ 76,800.00
F	603.02	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	2496	LF	\$265.00	\$ 661,440.00	\$295.00	\$ 736,320.00	\$400.00	\$ 998,400.00
P	609.01	VERTICALLY ADJUST STORM DRAIN MANHOLE GRADE RINGS	1	EA	\$2,500.00	\$ 2,500.00	\$1,420.00	\$ 1,420.00	\$3,145.00	\$ 3,145.00
F	609.02	60" TYPE I MANHOLE	6	EA	\$6,750.00	\$ 40,500.00	\$8,840.00	\$ 53,040.00	\$10,000.00	\$ 60,000.00
F	609.03	60" TYPE IA MANHOLE	1	EA	\$7,700.00	\$ 7,700.00	\$9,870.00	\$ 9,870.00	\$12,500.00	\$ 12,500.00
F	609.04	60" TYPE III MANHOLE (ANGLE POINT)	4	EA	\$7,600.00	\$ 30,400.00	\$8,790.00	\$ 35,160.00	\$10,500.00	\$ 42,000.00
F	609.05	4' TYPE "A" DROP INLET	1	EA	\$9,000.00	\$ 9,000.00	\$8,480.00	\$ 8,480.00	\$25,500.00	\$ 25,500.00
F	609.06	4' MODIFIED TYPE "A" DROP INLET	3	EA	\$11,500.00	\$ 34,500.00	\$9,000.00	\$ 27,000.00	\$16,100.00	\$ 48,300.00
F	609.07	RECONSTRUCT EXISTING STORM DRAIN DROP INLET STRUCTURE	1	LS	\$5,300.00	\$ 5,300.00	\$2,350.00	\$ 2,350.00	\$4,200.00	\$ 4,200.00
F	609.08	RECONSTRUCT EXISTING STORM DRAIN MANHOLE JUNCTION STRUCTURE	1	LS	\$5,500.00	\$ 5,500.00	\$2,950.00	\$ 2,950.00	\$4,100.00	\$ 4,100.00
P	628.01	TYPE 2 PERMANENT PAVEMENT MARKING FILM ("ONLY" LEGEND)	1	EA	\$400.00	\$ 400.00	\$331.00	\$ 331.00	\$500.00	\$ 500.00
P	630.01	VERTICALLY ADJUST SANITARY SEWER MANHOLE GRADE RINGS	1	EA	\$2,500.00	\$ 2,500.00	\$1,060.00	\$ 1,060.00	\$2,000.00	\$ 2,000.00
P	633.01	PAVEMENT MARKERS (NON-REFLECTIVE)	15	EA	\$12.00	\$ 180.00	\$2.70	\$ 40.50	\$135.00	\$ 2,025.00
P	633.02	PAVEMENT MARKERS (REFLECTIVE)	13	EA	\$12.00	\$ 156.00	\$2.70	\$ 35.10	\$135.00	\$ 1,755.00
A	637.01	DUST CONTROL	120	DAY	\$233.33	\$ 28,000.00	\$99.60	\$ 11,952.00	\$350.00	\$ 42,000.00
<b>ACTUAL TOTAL OF ITEMS</b>						<b>\$1,288,906.00</b>		<b>\$1,351,543.60</b>		<b>\$1,924,293.00</b>
TOTAL SHOWN ON BID SUMMARY						\$1,288,906.00		\$1,351,543.60		\$1,924,293.00
ERROR						\$0.00		\$0.00		\$0.00

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b> HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS
<b>PETITIONER:</b> JIM KEANE, CITY ENGINEER CITY OF BOULDER CITY
<b>RECOMMENDATION OF PETITIONER:</b> IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT TO INCREASE FUNDING FOR CONSTRUCTION FOR THE HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS – BOU01D17 (FOR POSSIBLE ACTION)

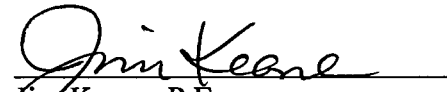
**FISCAL IMPACT:**

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$ 2,047,694	\$152,306	\$ 2,200,000
Construction Management	\$ 175,000	\$120,000	\$ 295,000
<b>Total</b>	<b>\$ 2,222,694</b>	<b>\$272,306</b>	<b>\$ 2,495,000</b>

**BACKGROUND:** The District entered into an Interlocal Contract with the City of Boulder City on February 9, 2017 to provide funding for construction and construction management of the Hemenway System, Phase IIA Improvements project.

This First Supplemental Interlocal Contract increases construction and construction management funding for the project due to bids coming in higher than originally anticipated and to cover the negotiated fee that CM Works will provide for construction management services on the project.

Respectfully submitted,

  
 \_\_\_\_\_  
 Jim Keane, P.E.,  
 City Engineer  
 City of Boulder City

TAC AGENDA ITEM #14a Date: 04/26/18	RFCD AGENDA ITEM # Date: 05/24/18
CAC AGENDA ITEM #14a Date: 04/30/18	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

**HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS  
FIRST SUPPLEMENTAL INTERLOCAL CONTRACT – BOU01D17**

The City of Boulder City has submitted a request to approve a first supplemental interlocal contract for construction and construction engineering to increase funding in the amount of \$272,306 for the Hemenway System, Phase IIA Improvements project.

The increase is necessary to meet the award of bid amount and to cover the negotiated fee for construction management services on the project. District funding will be as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$2,047,694	\$152,306	\$2,200,000
Construction Engineering	\$ 175,000	\$120,000	\$ 295,000
<b>Total ILC Value</b>	<b>\$2,222,694</b>	<b>\$272,306</b>	<b>\$2,495,000</b>

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: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#14a Date: 04/30/18

**Recommendation:**

FIRST SUPPLEMENTAL INTERLOCAL CONTRACT  
HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS

THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2018 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and City of Boulder City hereinafter referred to as "CITY".

**WITNESSETH**

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

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2013 Master Plan Update as Structures No's. HMTH 0034, HMLM 0066 and 0085, HMWA 0158, 0173, 0175 and 0182 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 Boulder City; and

WHEREAS, an Interlocal Contract for the Hemenway System, Phase IIA Improvements, dated February 9, 2017, were entered into between the DISTRICT and the CITY; and

WHEREAS, the CITY wishes to increase funding for the project.

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

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

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

1. Construction costs shall not exceed \$2,200,000.
2. Construction management costs shall not exceed \$295,000.
3. The total cost of this Contract shall not exceed \$2,495,000 which includes all the items described in paragraphs one and two 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 February 9, 2017 shall remain unchanged.

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

Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

BY:

LAWRENCE L. BROWN, III, Chairman

ATTEST:

DEANNA HUGHES  
Secretary to the Board

Approved as to Form:

CHRISTOPHER FIGGINS  
Chief Deputy District Attorney

\*\*\*\*\*

Date of Council Action::

CITY OF BOULDER CITY

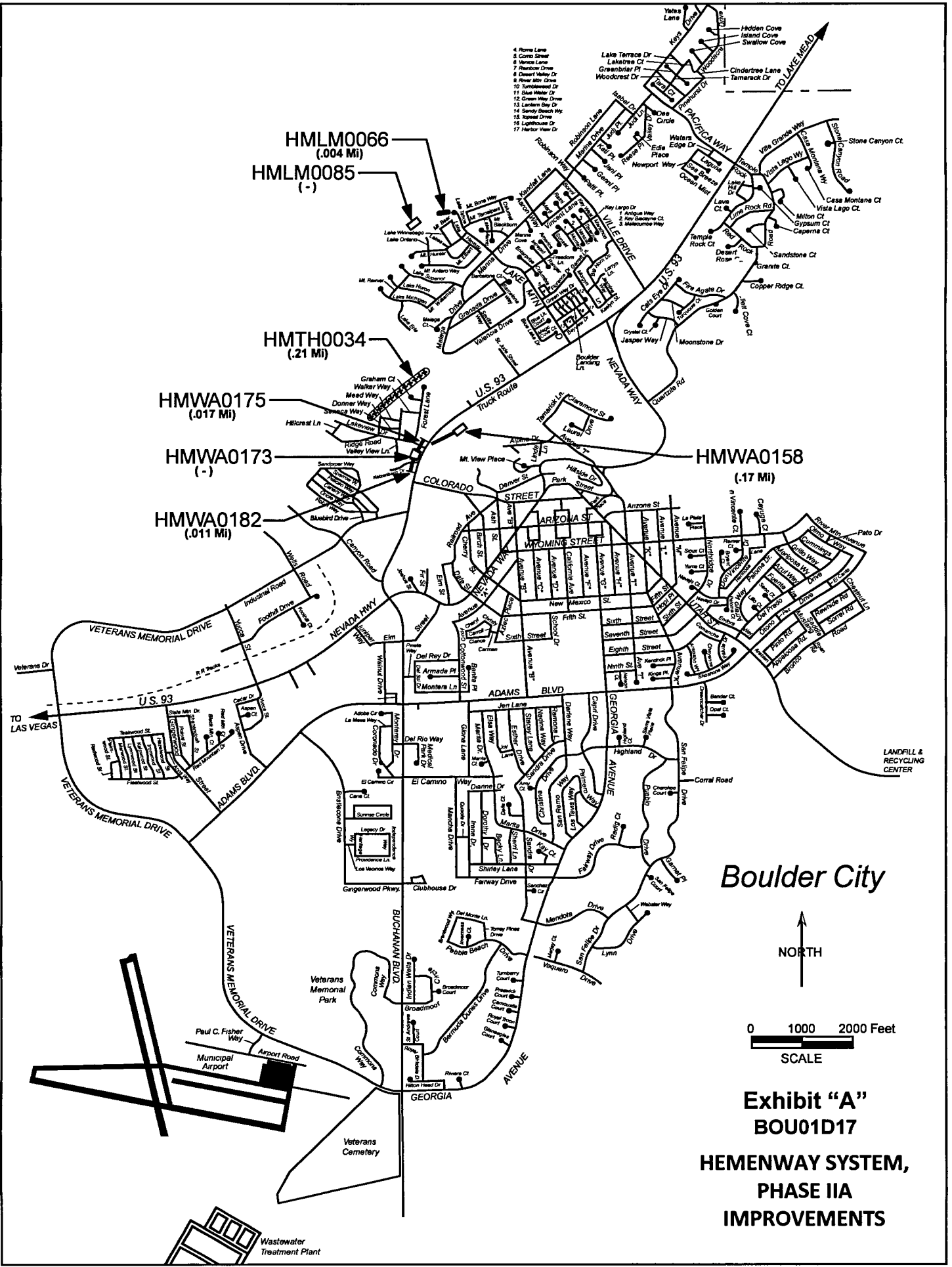
RODNEY WOODBURY, Mayor

ATTEST:

LORENE KRUMM  
City Clerk  
(Seal)

Approved as to Form:

STEVEN L. MORRIS, City Attorney



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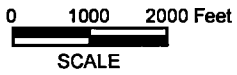
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**Boulder City**

NORTH



**Exhibit "A"**  
**BOU01D17**  
**HEMENWAY SYSTEM,**  
**PHASE IIA**  
**IMPROVEMENTS**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b> HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS
<b>PETITIONER:</b> JIM KEANE, P.E., CITY ENGINEER CITY OF BOULDER CITY
<b>RECOMMENDATION OF PETITIONER:</b> THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT RECEIVE A REPORT ON THE RECOMMENDATION BEST BID FOR THE CONSTRUCTION OF THE HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS – BOU01D17

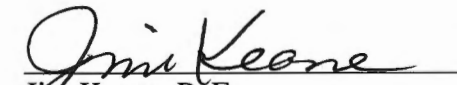
**FISCAL IMPACT:** None by this action. Funding will be provided as follows:

\$2,200,000.00 Funding by Regional Flood Control District

**BACKGROUND:**

On March 29, 2018, bids were opened for the project. Seven bids were received ranging in cost from \$2,118,843.55 to \$2,995,000.00. The recommended best bid is to Target Construction in the amount of \$2,118,843.55, which is approximately 3.4% higher than the engineer's estimate of \$2,047,694.00 presented to the Board in February 2017. The interlocal contract dated February 9, 2017, between the District and the City of Boulder City, allocates \$2,047,694.00 for construction of this project. There is an item on this agenda for approval to increase construction funding to \$2,200,000.00. A Cash Flow Projection; estimated construction schedule and a tabulation of bids including an updated, detailed Engineer's estimate are attached.

Respectfully submitted,

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

TAC AGENDA ITEM # 14b Date: 04/26/18	RFCD AGENDA ITEM # Date: 05/24/18
CAC AGENDA ITEM # 14b Date: 04/30/18	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

**HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS  
AWARD OF BID FOR CONSTRUCTION – BOU01D17**

On March 29, 2018, bids were opened for the Hemenway System, Phase IIA Improvements project. Seven bids were received ranging in cost from \$2,118,843.55 to \$2,995,000.00. The lowest bidder of \$2,118,843.55 by Target Construction was recommended, which is approximately 3.4% higher than the engineer's estimate of \$2,047,694.00 presented to the District Board in February 2017.

The interlocal contract dated February 9, 2017 between the District and the City allocates \$2,047,694.00 for construction of this project. There is an agenda item on this agenda for approval to increase construction funding to \$2,200,000.00.

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: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#14b Date: 04/30/18

**Recommendation:**

**Clark County Regional Flood Control District Cash Flow Projection**

Today's Date: 4/12/2018

Project Number: BOU01D17  
 Project Name: Hemenway System, Phae IIA Improvements  
 Project Type: Storm Drain, Debris Basin, Culverts  
 ILC Amount: \$ 2,222,694 \$2,495,000

Construction Schedule			
Milestone	Estimate	Revised	Actual
Award of Bid	June-17	April-18	
CONS Start	July-17	June-18	
CONS Complete	December-17	October-18	
Project Duration	5 months	5 months	

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate	
	\$	%	\$	%	\$	%	\$	%
Aug-17	200,042	9%					0	
Sep-17	488,993	22%					0	
Oct-17	600,127	27%					0	
Nov-17	711,262	32%					0	
Dec-17	222,269	10%					0	
Jan-18	0						0	
Feb-18	0						0	
Mar-18	0						0	
Apr-18	0						0	
May-18	0						0	
Jun-18	0						224,550	9%
Jul-18	0						548,900	22%
Aug-18	0						673,650	27%
Sep-18	0						798,400	32%
Oct-18	0						249,500	10%
<b>Total</b>	<b>\$ 2,222,694</b>	<b>100%</b>					<b>\$ 2,495,000</b>	<b>100%</b>





**CITY OF BOULDER CITY**  
**Public Works Administration / Engineering Division**  
 401 California Avenue  
 Boulder City, NV 89005



**HEMENWAY WATERSHED - PHASE IIA**  
**BOULDER CITY PROJECT No. 09-0785-DR(2)**

**BID TABULATION**  
 Thursday, March 29, 2018 2:00 PM - City Hall

<b>BID SCHEDULE - GENERAL</b>					<i>Engineer's Estimate of Probable Cost</i>		<i>Target Construction</i>		<i>Tand Inc</i>		<i>Granite Construction Company</i>		<i>Meadow Valley Contractors Inc</i>		<i>Las Vegas Paving Corp</i>		<i>Capriati Construction Corp</i>		<i>Eagle View Contractors</i>	
LOCATION	ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
ALL	105.06	Cooperation with Utilities	1	LS	\$15,000.00	\$15,000.00	\$11,450.00	\$11,450.00	\$8,500.00	\$8,500.00	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$5,000.00	\$5,000.00	\$14,969.82	\$14,969.82	\$15,000.00	\$15,000.00
ALL	105.18	Record Drawings	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
ALL	105.19	Permits and Permit Inspection Coordination	1	LS	\$10,000.00	\$10,000.00	\$5,300.00	\$5,300.00	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$56,000.00	\$56,000.00	\$5,000.00	\$5,000.00	\$2,694.56	\$2,694.56	\$5,000.00	\$5,000.00
ALL	107.23	Notifications	1	LS	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$7,000.00	\$7,000.00	\$3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$6,000.00	\$4,645.98	\$4,645.98	\$5,000.00	\$5,000.00
ALL	109.01	Historical Owner-Caused Delay Allowance	25	Day	\$500.00	\$12,500.00	\$500.00	\$12,500.00	\$500.00	\$12,500.00	\$500.00	\$12,500.00	\$500.00	\$12,500.00	\$500.00	\$12,500.00	\$500.00	\$12,500.00	\$500.00	\$12,500.00
ALL	109.02	Historical Owner-Caused Delay Allowance Over 5500/Day	25	Day	\$250.00	\$6,250.00	\$475.00	\$11,875.00	\$500.00	\$12,500.00	\$500.00	\$12,500.00	\$500.00	\$12,500.00	\$500.00	\$12,500.00	\$531.29	\$13,282.25	\$250.00	\$6,250.00
ALL	109.03	Extra and Force Account Work	1	LS	\$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	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00	\$200,000.00
ALL	109.09	Deficiency List	1	LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
ALL	200.01	Mobilization	1	LS	\$87,500.00	\$87,500.00	\$17,700.00	\$17,700.00	\$116,000.00	\$116,000.00	\$94,855.00	\$94,855.00	\$290,000.00	\$290,000.00	\$191,925.00	\$191,925.00	\$30,818.56	\$30,818.56	\$233,455.00	\$233,455.00
ALL	200.02	Photograph/Video/Daily Documentation	1	LS	\$20,000.00	\$20,000.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$7,000.00	\$7,000.00	\$16,000.00	\$16,000.00	\$17,574.65	\$17,574.65	\$5,000.00	\$5,000.00
ALL	200.03	Project Sign	5	EA	\$500.00	\$2,500.00	\$1,575.00	\$7,875.00	\$400.00	\$2,000.00	\$700.00	\$3,500.00	\$600.00	\$3,000.00	\$1,100.00	\$5,500.00	\$359.28	\$1,796.40	\$1,000.00	\$5,000.00
ALL	302.01	12 FT Type II Maintenance Access Road	815	CY	\$40.00	\$32,600.00	\$50.00	\$40,750.00	\$80.00	\$65,200.00	\$65.00	\$52,975.00	\$100.00	\$81,500.00	\$85.00	\$69,275.00	\$83.29	\$67,881.35	\$70.00	\$57,050.00
ALL	616.01	Rail Fence	1,000	LF	\$75.00	\$75,000.00	\$53.00	\$53,000.00	\$72.00	\$72,000.00	\$63.50	\$63,500.00	\$127.00	\$127,000.00	\$75.00	\$75,000.00	\$62.39	\$62,390.00	\$72.00	\$72,000.00
ALL	624.01	Temporary Traffic Control & Barricading	1	LS	\$32,500.00	\$32,500.00	\$8,800.00	\$8,800.00	\$50,000.00	\$50,000.00	\$65,000.00	\$65,000.00	\$90,000.00	\$90,000.00	\$91,000.00	\$91,000.00	\$24,854.68	\$24,854.68	\$87,000.00	\$87,000.00
ALL	626.01	Final Cleanup	1	LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00
ALL	627.01	Permanent Signs	5	EA	\$150.00	\$750.00	\$1,325.00	\$6,625.00	\$300.00	\$1,500.00	\$700.00	\$3,500.00	\$600.00	\$3,000.00	\$380.00	\$1,900.00	\$598.79	\$2,993.95	\$800.00	\$4,000.00
ALL	637.01	Pollution & Dust Control	1	LS	\$12,500.00	\$12,500.00	\$15,000.00	\$15,000.00	\$22,000.00	\$22,000.00	\$23,000.00	\$23,000.00	\$27,000.00	\$27,000.00	\$21,000.00	\$21,000.00	\$42,391.83	\$42,391.83	\$47,000.00	\$47,000.00
ALL	637.02	Dust Pallative	4,880	SY	\$0.62	\$3,025.60	\$1.20	\$5,856.00	\$1.00	\$4,880.00	\$1.00	\$4,880.00	\$1.00	\$4,880.00	\$0.90	\$4,392.00	\$1.10	\$5,368.00	\$1.50	\$7,320.00
<b>GENERAL - BID SCHEDULE SUB-TOTAL AMOUNT</b>						<b>\$485,125.60</b>		<b>\$422,731.00</b>		<b>\$603,580.00</b>		<b>\$568,210.00</b>		<b>\$891,180.00</b>		<b>\$788,492.00</b>		<b>\$524,162.03</b>		<b>\$781,575.00</b>

<b>BID SCHEDULE - HMLM-0085 DEBRIS BASIN</b>					<i>Engineer's Estimate of Probable Cost</i>		<i>Target Construction</i>		<i>Tand Inc</i>		<i>Granite Construction Company</i>		<i>Meadow Valley Contractors Inc</i>		<i>Las Vegas Paving Corp</i>		<i>Capriati Construction Corp</i>		<i>Eagle View Contractors</i>	
LOCATION	ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
HMLM-0085	201.01	Clearing and grubbing	1	LS	\$10,000.00	\$10,000.00	\$7,350.00	\$7,350.00	\$8,000.00	\$8,000.00	\$4,000.00	\$4,000.00	\$18,000.00	\$18,000.00	\$6,999.50	\$6,999.50	\$17,393.06	\$17,393.06	\$11,500.00	\$11,500.00
HMLM-0085	202.06	Plug Existing 24" Outlet Pipe	1	EA	\$350.00	\$350.00	\$1,950.00	\$1,950.00	\$1,950.00	\$1,950.00	\$1,400.00	\$1,400.00	\$2,500.00	\$2,500.00	\$1,650.00	\$1,650.00	\$4,488.67	\$4,488.67	\$2,500.00	\$2,500.00
HMLM-0085	203.01	Drainage Excavation (Cut)	5,129	CY	\$8.00	\$41,032.00	\$5.85	\$30,004.65	\$9.00	\$46,161.00	\$4.00	\$20,516.00	\$2.40	\$12,309.60	\$7.50	\$38,467.50	\$26.33	\$135,046.57	\$11.00	\$56,419.00
HMLM-0085	203.02	Drainage Excavation (Fill)	3,200	CY	\$8.00	\$25,600.00	\$5.40	\$17,280.00	\$8.00	\$25,600.00	\$3.00	\$9,600.00	\$6.10	\$19,520.00	\$5.50	\$17,600.00	\$31.91	\$102,112.00	\$14.00	\$44,800.00
HMLM-0085	502.01	Concrete Aprons/Flanwork	3,599	SF	\$55.00	\$197,945.00	\$9.10	\$32,750.90	\$12.00	\$43,188.00	\$10.00	\$35,990.00	\$11.50	\$41,388.50	\$12.00	\$43,188.00	\$14.70	\$52,905.30	\$21.00	\$75,779.00
HMLM-0085	502.02	Handwalk/Wingwalks	44	LF	\$235.00	\$10,340.00	\$415.00	\$18,260.00	\$500.00	\$22,000.00	\$600.00	\$26,400.00	\$460.00	\$20,240.00	\$805.00	\$35,420.00	\$679.04	\$29,877.76	\$900.00	\$39,600.00
HMLM-0085	609.01	Debris Filter	1	EA	\$10,000.00	\$10,000.00	\$6,300.00	\$6,300.00	\$6,000.00	\$6,000.00	\$7,500.00	\$7,500.00	\$7,700.00	\$7,700.00	\$6,530.00	\$6,530.00	\$9,144.66	\$9,144.66	\$24,000.00	\$24,000.00
HMLM-0085	610.01	Loose Rip Rip D50-6-Inch	200	CY	\$50.00	\$10,000.00	\$86.00	\$17,200.00	\$140.00	\$28,000.00	\$150.00	\$30,000.00	\$74.00	\$14,800.00	\$82.00	\$16,400.00	\$128.89	\$25,778.00	\$100.00	\$20,000.00
HMLM-0085	610.02	Gabion Baskets	18	CY	\$480.00	\$8,640.00	\$380.00	\$6,840.00	\$2,500.00	\$45,000.00	\$600.00	\$10,800.00	\$1,080.00	\$19,440.00	\$805.00	\$14,490.00	\$275.47	\$4,958.46	\$1,200.00	\$21,600.00
HMLM-0085	610.04	Loose Rip Rip D50-12-Inch	1	LS	\$75.53	\$75.53	\$74,500.00	\$74,500.00	\$68,000.00	\$68,000.00	\$125,000.00	\$125,000.00	\$73,000.00	\$73,000.00	\$49,000.00	\$49,000.00	\$40,244.00	\$40,244.00	\$143,000.00	\$143,000.00
<b>HMLM-0085 - BID SCHEDULE SUB-TOTAL AMOUNT</b>						<b>\$312,102.53</b>		<b>\$212,435.55</b>		<b>\$293,449.00</b>		<b>\$271,206.00</b>		<b>\$228,898.10</b>		<b>\$229,735.00</b>		<b>\$421,948.48</b>		<b>\$438,998.00</b>

<b>BID SCHEDULE - HMLM-0066</b>					<i>Engineer's Estimate of Probable Cost</i>		<i>Target Construction</i>		<i>Tand Inc</i>		<i>Granite Construction Company</i>		<i>Meadow Valley Contractors Inc</i>		<i>Las Vegas Paving Corp</i>		<i>Capriati Construction Corp</i>		<i>Eagle View Contractors</i>	
LOCATION	ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
HMLM-0066	202.01	Removal & Replacement of Concrete Channel	240	SF	\$2.00	\$480.00	\$96.00	\$23,040.00	\$14.00	\$3,360.00	\$37.00	\$8,880.00	\$65.00	\$15,600.00	\$12.00	\$2,880.00	\$14.97	\$3,592.80	\$30.00	\$7,200.00
HMLM-0066	202.03	Removal of Existing RCP	6	LF	\$50.00	\$300.00	\$840.00	\$5,040.00	\$72.00	\$432.00	\$560.00	\$3,360.00	\$800.00	\$4,800.00	\$500.00	\$2,500.00	\$2,969.11	\$17,814.66	\$200.00	\$12,000.00
HMLM-0066	502.01	Concrete Aprons/Flanwork	240	SF	\$55.00	\$13,200.00	\$37.85	\$9,084.00	\$42.00	\$10,080.00	\$11.00	\$2,640.00	\$20.00	\$4,800.00	\$25.00	\$6,000.00	\$52.29	\$12,549.60	\$50.00	\$12,000.00
HMLM-0066	502.03	Gated Inlet	1	EA	\$10,000.00	\$10,000.00	\$10,200.00	\$30,200.00	\$25,000.00	\$25,000.00	\$33,000.00	\$33,000.00	\$26,000.00	\$26,000.00	\$43,000.00	\$43,000.00	\$38,049.96	\$38,049.96	\$47,000.00	\$47,000.00
HMLM-0066	613.01	Concrete 12-Inch High Curb	21	LF	\$25.00	\$525.00	\$155.00	\$3,255.00	\$175.00	\$3,675.00	\$100.00	\$2,100.00	\$80.00	\$1,680.00	\$100.00	\$2,100.00	\$209.45	\$4,398.45	\$360.00	\$7,560.00
HMLM-0066	613.02	Sidewalk	91	SF	\$5.00	\$455.00	\$36.00	\$3,276.00	\$37.00	\$3,367.00	\$21.00	\$1,911.00	\$6.80	\$618.80	\$35.00	\$3,185.00	\$58.05	\$5,282.55	\$82.00	\$7,462.00
<b>HMLM-0066 - BID SCHEDULE SUB-TOTAL AMOUNT</b>						<b>\$24,960.00</b>		<b>\$73,895.00</b>		<b>\$45,914.00</b>		<b>\$51,891.00</b>		<b>\$53,498.80</b>		<b>\$60,165.00</b>		<b>\$81,688.02</b>		<b>\$82,422.00</b>



**CITY OF BOULDER CITY**  
**Public Works Administration / Engineering Division**  
 401 California Avenue  
 Boulder City, NV 89005



BID SCHEDULE - HMTH-0034					Engineer's Estimate of Probable Cost		Target Construction		Tand Inc		Granite Construction Company		Meadow Valley Contractors Inc		Las Vegas Paving Corp		Capriati Construction Corp		Eagle View Contractors	
LOCATION	ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
HMTH-0034	201.01	Clearing and Grubbing	1	LS	\$10,000.00	\$10,000.00	\$7,350.00	\$7,350.00	\$5,500.00	\$5,500.00	\$4,000.00	\$4,000.00	\$18,000.00	\$18,000.00	\$12,000.00	\$12,000.00	\$14,765.24	\$14,765.24	\$6,700.00	\$6,700.00
HMTH-0034	202.02	Removal of Structures and Obstructions	240	SY	\$13.00	\$3,120.00	\$43.50	\$10,440.00	\$30.00	\$7,200.00	\$6.00	\$1,440.00	\$70.00	\$16,800.00	\$33.00	\$7,920.00	\$34.37	\$8,248.80	\$30.00	\$7,200.00
HMTH-0034	203.01	Drainage Excavation (Cut)	6,000	CY	\$8.00	\$48,000.00	\$5.00	\$30,000.00	\$5.00	\$30,000.00	\$4.00	\$24,000.00	\$2.10	\$12,600.00	\$8.25	\$49,500.00	\$13.46	\$80,760.00	\$6.00	\$36,000.00
HMTH-0034	203.02	Drainage Excavation (Fill)	6,700	CY	\$8.00	\$53,600.00	\$4.25	\$28,475.00	\$4.00	\$26,800.00	\$3.00	\$20,100.00	\$5.80	\$38,860.00	\$2.70	\$18,090.00	\$15.98	\$107,066.00	\$7.00	\$46,900.00
HMTH-0034	502.01	Concrete Aprons/Flatwork	970	SF	\$55.00	\$53,350.00	\$24.20	\$23,474.00	\$18.00	\$17,460.00	\$10.00	\$9,700.00	\$11.00	\$10,670.00	\$11.00	\$10,670.00	\$24.79	\$24,046.30	\$30.00	\$29,100.00
HMTH-0034	610.05	Grouted Rip-Rap D50=12-inch	630	CY	\$85.00	\$53,550.00	\$175.00	\$110,250.00	\$150.00	\$94,500.00	\$250.00	\$157,500.00	\$153.00	\$96,390.00	\$106.00	\$66,780.00	\$271.25	\$170,887.50	\$200.00	\$126,000.00
<b>HMTH-0034 - BID SCHEDULE SUB-TOTAL AMOUNT</b>					<b>\$221,620.00</b>		<b>\$209,989.00</b>		<b>\$181,460.00</b>		<b>\$216,740.00</b>		<b>\$193,320.00</b>		<b>\$164,960.00</b>		<b>\$405,773.84</b>		<b>\$251,900.00</b>	

BID SCHEDULE - HMWA-0158					Engineer's Estimate of Probable Cost		Target Construction		Tand Inc		Granite Construction Company		Meadow Valley Contractors Inc		Las Vegas Paving Corp		Capriati Construction Corp		Eagle View Contractors	
LOCATION	ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
HMWA-0158	201.01	Clearing and Grubbing	1	LS	\$10,000.00	\$10,000.00	\$4,975.00	\$4,975.00	\$5,500.00	\$5,500.00	\$4,000.00	\$4,000.00	\$24,000.00	\$24,000.00	\$12,500.00	\$12,500.00	\$13,775.73	\$13,775.73	\$5,000.00	\$5,000.00
HMWA-0158	202.02	Removal of Structures and Obstructions	300	SY	\$13.00	\$3,900.00	\$26.50	\$7,950.00	\$50.00	\$15,000.00	\$23.00	\$6,900.00	\$80.00	\$24,000.00	\$15.00	\$4,500.00	\$13.12	\$3,936.00	\$30.00	\$9,000.00
HMWA-0158	203.01	Drainage Excavation (Cut)	2,800	CY	\$8.00	\$22,400.00	\$5.30	\$14,840.00	\$12.00	\$33,600.00	\$4.00	\$11,200.00	\$4.40	\$12,320.00	\$8.50	\$23,800.00	\$35.40	\$99,120.00	\$19.00	\$52,200.00
HMWA-0158	203.02	Drainage Excavation (Fill)	1,200	CY	\$8.00	\$9,600.00	\$14.30	\$17,160.00	\$8.00	\$9,600.00	\$3.00	\$3,600.00	\$7.60	\$9,120.00	\$3.75	\$4,500.00	\$25.59	\$30,708.00	\$13.00	\$15,600.00
HMWA-0158	502.01	Concrete Aprons/Flatwork	2,660	SF	\$55.00	\$146,300.00	\$20.75	\$55,195.00	\$15.00	\$39,900.00	\$14.00	\$37,240.00	\$12.00	\$31,920.00	\$10.00	\$26,600.00	\$17.92	\$47,667.20	\$16.00	\$42,560.00
HMWA-0158	502.02	Headwalk/Wingwalls	51	LF	\$225.00	\$11,475.00	\$415.00	\$21,165.00	\$265.00	\$13,515.00	\$540.00	\$27,540.00	\$463.00	\$23,613.00	\$540.00	\$27,540.00	\$487.43	\$24,858.93	\$640.00	\$422,640.00
HMWA-0158	502.04	10-foot Trapezoidal Channel and Transitions	800	LF	\$300.00	\$240,000.00	\$365.00	\$292,000.00	\$376.00	\$300,800.00	\$384.00	\$307,200.00	\$415.00	\$332,000.00	\$380.00	\$304,000.00	\$303.66	\$242,928.00	\$480.00	\$385,600.00
HMWA-0158	502.06	Drainage Flumes/Flatwork	8,100	SF	\$17.00	\$137,700.00	\$15.00	\$121,500.00	\$14.00	\$113,400.00	\$21.00	\$170,100.00	\$11.00	\$89,100.00	\$10.00	\$137,700.00	\$14.11	\$114,291.00	\$19.00	\$153,900.00
HMWA-0158	502.07	36-inch Deep Cut-Off Wall	1,555	LF	\$50.00	\$77,750.00	\$65.00	\$101,075.00	\$68.00	\$105,740.00	\$45.00	\$69,975.00	\$80.00	\$124,400.00	\$46.76	\$72,711.80	\$55.00	\$85,525.00	\$55.00	\$85,525.00
HMWA-0158	603.01	24-inch Class III RCP	120	LF	\$132.00	\$15,840.00	\$158.00	\$18,960.00	\$105.00	\$12,600.00	\$315.00	\$37,800.00	\$330.00	\$39,600.00	\$320.00	\$38,400.00	\$458.89	\$55,066.80	\$235.00	\$28,200.00
HMWA-0158	610.03	Loose Rip-Rap D50=8-inch	75	CY	\$60.00	\$4,500.00	\$101.00	\$7,575.00	\$135.00	\$10,125.00	\$400.00	\$30,000.00	\$77.50	\$5,812.50	\$77.00	\$5,775.00	\$43.65	\$3,273.75	\$212.00	\$15,900.00
<b>HMWA-0158 - BID SCHEDULE SUB-TOTAL AMOUNT</b>					<b>\$679,465.00</b>		<b>\$662,395.00</b>		<b>\$659,780.00</b>		<b>\$705,555.00</b>		<b>\$669,235.50</b>		<b>\$709,715.00</b>		<b>\$708,337.21</b>		<b>\$827,125.00</b>	

BID SCHEDULE - HMWA-0175					Engineer's Estimate of Probable Cost		Target Construction		Tand Inc		Granite Construction Company		Meadow Valley Contractors Inc		Las Vegas Paving Corp		Capriati Construction Corp		Eagle View Contractors	
LOCATION	ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
HMWA-0175	201.01	Clearing and Grubbing	1	LS	\$10,000.00	\$10,000.00	\$4,275.00	\$4,275.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00	\$18,000.00	\$18,000.00	\$12,500.00	\$12,500.00	\$2,699.28	\$2,699.28	\$6,500.00	\$6,500.00
HMWA-0175	202.02	Removal of Structures and Obstructions	385	SY	\$13.00	\$5,005.00	\$23.00	\$8,855.00	\$22.00	\$8,470.00	\$40.00	\$15,400.00	\$70.00	\$26,950.00	\$20.00	\$7,700.00	\$53.05	\$20,424.25	\$70.00	\$26,950.00
HMWA-0175	202.04	Removal of Existing CMP	113	LF	\$50.00	\$5,650.00	\$60.00	\$6,780.00	\$48.00	\$5,424.00	\$35.00	\$3,955.00	\$45.00	\$5,085.00	\$115.00	\$12,995.00	\$16.18	\$1,828.34	\$60.00	\$6,780.00
HMWA-0175	202.05	Removal of AC Pavement	280	SY	\$5.00	\$1,400.00	\$15.50	\$4,340.00	\$12.00	\$3,360.00	\$20.00	\$5,600.00	\$20.00	\$5,600.00	\$4.75	\$1,330.00	\$5.20	\$1,456.00	\$30.00	\$8,400.00
HMWA-0175	202.07	Removal of Galvanized Guardrail	90	LF	\$5.00	\$450.00	\$10.70	\$963.00	\$12.00	\$1,080.00	\$15.00	\$1,350.00	\$12.50	\$1,125.00	\$13.00	\$1,170.00	\$19.74	\$1,776.60	\$15.00	\$1,350.00
HMWA-0175	203.01	Drainage Excavation (Cut)	200	CY	\$8.00	\$1,600.00	\$7.50	\$1,500.00	\$30.00	\$6,000.00	\$4.00	\$800.00	\$31.00	\$6,200.00	\$9.75	\$1,950.00	\$16.19	\$23,238.00	\$40.00	\$8,000.00
HMWA-0175	203.02	Drainage Excavation (Fill)	100	CY	\$8.00	\$800.00	\$7.20	\$720.00	\$58.00	\$5,800.00	\$3.00	\$900.00	\$31.50	\$3,150.00	\$8.00	\$640.00	\$26.89	\$2,689.00	\$90.00	\$9,000.00
HMWA-0175	401.01	2-Inch Asphalt Roadway	280	SY	\$20.00	\$5,600.00	\$76.00	\$21,280.00	\$96.00	\$26,880.00	\$150.00	\$42,000.00	\$77.00	\$21,560.00	\$45.00	\$12,600.00	\$74.19	\$20,773.20	\$110.00	\$33,000.00
HMWA-0175	502.02	Headwalk/Wingwalls	88	LF	\$225.00	\$19,800.00	\$1,000.00	\$88,000.00	\$265.00	\$23,320.00	\$800.00	\$70,400.00	\$1,180.00	\$103,840.00	\$1,350.00	\$118,800.00	\$415.82	\$36,592.16	\$430.00	\$37,840.00
HMWA-0175	502.05	Trapezoidal Channel and Transitions	370	LF	\$300.00	\$111,000.00	\$445.00	\$164,650.00	\$650.00	\$240,500.00	\$824.50	\$305,065.00	\$331.00	\$122,470.00	\$535.00	\$197,950.00	\$473.08	\$175,039.60	\$517.00	\$191,290.00
HMWA-0175	502.06	Drainage Flumes/Flatwork	320	SF	\$17.00	\$5,440.00	\$34.00	\$10,880.00	\$315.00	\$100,800.00	\$13.50	\$4,320.00	\$15.00	\$4,800.00	\$12.65	\$4,048.00	\$26.30	\$8,416.00	\$50.00	\$16,000.00
HMWA-0175	502.07	36-inch Deep Cut-Off Wall	35	LF	\$50.00	\$1,750.00	\$90.00	\$3,150.00	\$160.00	\$5,600.00	\$200.00	\$7,000.00	\$319.00	\$11,165.00	\$130.00	\$4,550.00	\$109.02	\$3,815.70	\$280.00	\$9,800.00
HMWA-0175	601.01	12"x4" Precast Reinforced Concrete Box	85	LF	\$1,400.00	\$119,000.00	\$1,150.00	\$97,750.00	\$1,300.00	\$110,500.00	\$1,500.00	\$127,500.00	\$1,240.00	\$105,400.00	\$1,544.00	\$131,240.00	\$1,439.02	\$122,316.70	\$1,450.00	\$123,250.00
HMWA-0175	601.02	8"x4" Precast Reinforced Concrete Box	73	LF	\$1,200.00	\$87,600.00	\$915.00	\$66,795.00	\$900.00	\$66,000.00	\$1,100.00	\$80,300.00	\$993.00	\$72,489.00	\$1,100.00	\$88,300.00	\$1,206.09	\$88,044.57	\$1,140.00	\$83,220.00
HMWA-0175	610.05	Grouted Rip-Rap D50=12-inch	20	CY	\$85.00	\$1,700.00	\$533.00	\$10,660.00	\$160.00	\$3,200.00	\$400.00	\$8,000.00	\$170.00	\$3,400.00	\$350.00	\$7,000.00	\$223.65	\$4,473.00	\$500.00	\$10,000.00
HMWA-0175	618.01	Galvanized Guardrail	600	LF	\$36.00	\$21,600.00	\$78.00	\$46,800.00	\$172.00	\$103,200.00	\$85.00	\$51,000.00	\$76.00	\$45,600.00	\$75.00	\$45,000.00	\$88.61	\$53,166.00	\$73.00	\$43,800.00
<b>HMWA-0175 - BID SCHEDULE SUB-TOTAL AMOUNT</b>					<b>\$398,395.00</b>		<b>\$537,398.00</b>		<b>\$714,834.00</b>		<b>\$726,990.00</b>		<b>\$556,834.00</b>		<b>\$639,933.00</b>		<b>\$585,748.40</b>		<b>\$612,980.00</b>	

BID SCHEDULE AMOUNTS		Engineer's Estimate of Probable Cost	Target Construction	Tand Inc	Granite Construction Company	Meadow Valley Contractors Inc	Las Vegas Paving Corp	Capriati Construction Corp	Eagle View Contractors
BID SCHEDULE - GENERAL SUB-TOTAL AMOUNT	\$485,125.60	\$422,731.00	\$603,596.00	\$568,210.00	\$891,180.00	\$788,492.00	\$524,162.03	\$781,575.00	
BID SCHEDULE - HMLM-0085 SUB-TOTAL AMOUNT	\$312,102.53	\$212,435.55	\$293,449.00	\$271,206.00	\$228,898.10	\$229,735.00	\$421,948.48	\$438,998.00	
BID SCHEDULE - HMLM-0066 SUB-TOTAL AMOUNT	\$24,960.00	\$73,895.00	\$45,914.00	\$51,891.00	\$53,498.80	\$60,165.00	\$81,688.02	\$82,422.00	
BID SCHEDULE - HMTH-0034 SUB-TOTAL AMOUNT	\$221,620.00	\$209,989.00	\$181,460.00	\$216,740.00	\$193,320.00	\$164,960.00	\$405,773.84	\$251,900.00	
BID SCHEDULE - HMWA-0158 SUB-TOTAL AMOUNT	\$679,465.00	\$662,395.00	\$659,780.00	\$705,555.00	\$669,235.50	\$709,715.00	\$708,337.21	\$827,125.00	
BID SCHEDULE - HMWA-0175 SUB-TOTAL AMOUNT	\$398,395.00	\$537,398.00	\$714,834.00	\$726,990.00	\$556,834.00	\$639,933.00	\$585,748.40	\$612,980.00	
<b>BID SCHEDULE TOTAL AMOUNT</b>	<b>\$2,121,668.13</b>	<b>\$2,118,843.55</b>	<b>\$2,499,017.00</b>	<b>\$2,540,592.00</b>	<b>\$2,592,966.60</b>	<b>\$2,593,000.00</b>	<b>\$2,727,657.98</b>	<b>\$2,995,000.00</b>	

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

<b>SUBJECT:</b> ANNUAL MAINTENANCE WORK PROGRAM 2017-2018
<b>PETITIONER:</b> CITY OF HENDERSON
<b>RECOMMENDATION OF PETITIONER:</b> IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT FOR THE MAINTENANCE OF REGIONAL FLOOD CONTROL FACILITIES FOR FY 2017-2018 (FOR POSSIBLE ACTION)

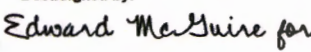
<b>FISCAL IMPACT:</b>	Current	Proposed	Fiscal Impact
	\$1,761,550	\$2,077,550	\$316,000

**BACKGROUND:**

On June 8, 2017 the Clark County Regional Flood Control District entered into an interlocal contract with the City of Henderson to maintain Regional Flood Control Facilities within the City of Henderson. This First Supplemental Interlocal Contract will provide additional funding for the City of Henderson's FY 2017-2018 Annual Maintenance Work Program.

The additional funding is needed due to bid amounts on Mission Hills Detention Basin exceeding the planned budget amount and will provide for completing planned miscellaneous maintenance work activities for the remainder of the fiscal year.

Respectfully submitted,

DocuSigned by:  
  
 046713FB96714C2...  
 Robert C. Herr, P.E.  
 Director of Public Works

TAC AGENDA ITEM #15 Date: 04/26/2018	RFCD AGENDA ITEM # Date: 05/24/2018
CAC AGENDA ITEM #15 Date: 04/30/2018	

AJ:mvp

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

**FISCAL YEAR 2017-2018 MAINTENANCE WORK PROGRAM – CITY OF HENDERSON  
FIRST SUPPLEMENTAL INTERLOCAL CONTRACT – FY 2017-18**

The City of Henderson has submitted a request to approve a first supplemental interlocal contract for the FY 2017-18 Maintenance Work Program to increase funding in the amount of \$316,000.

On June 8, 2017, the Regional Flood Control District entered into an interlocal contract with the City of Henderson to maintain Regional Flood Control Facilities within the City of Henderson.

Additional funding is needed due to bid amounts on Mission Hills Detention Basin exceeding the planned budget amount and will provide for completing planned miscellaneous maintenance work activities for the remainder of the fiscal year.

District funding will be as follows:

	Current Funding	Increase/Decrease	Proposed Funding
FY 2017-18 MWP City of Henderson	\$1,761,550	\$316,000	\$2,077,550

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#15 Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#15 Date: 04/30/18

**Recommendation:**

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

This CONTRACT, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2018, by and between the CITY OF HENDERSON, a political subdivision of the State of Nevada, hereinafter referred to as "CITY", and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

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

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

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

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

**WHEREAS**, the CITY desires to increase maintenance funding for the FY 2017-18 Maintenance Work Program; and

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

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

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

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

1. The Project costs shall not exceed \$2,077,550.

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

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

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The remainder of the original Interlocal Contract dated June 8, 2017 shall remain unchanged.

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

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

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

ATTEST:

\_\_\_\_\_  
Deanna Hughes, Secretary of the Board

Approved as to Form:

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

\*\*\*\*\*

Date of Council Action: CITY OF HENDERSON

\_\_\_\_\_  
Richard A. Derrick,  
Interim City Manager

ATTEST: Approved as to Legality and Form:

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

\_\_\_\_\_  
Josh M. Reid,  
City Attorney

Approved as to Finance: Approved as to Content:

\_\_\_\_\_  
Jim McIntosh  
Finance Director

\_\_\_\_\_  
Robert C. Herr, PE  
Director, Public Works Parks & Recreation

**CITY OF HENDERSON  
MAINTENANCE WORK PROGRAM  
AMENDED ANNUAL BUDGET FY 2017-18**

<b>Master Plan Facility ID</b>	<b>MWP Facility Number</b>	<b>Facility Description</b>	<b>Cost</b>
C1CH 0000-0441, C1CT 0000-0075, C1DC 0000-0303, C1E1 0000-0065, C1EQ 0000-0297, C1FK 0000-0073, C1HV 0000-0300, C1IT 0273, C1LM 0000-0130, C1RT 0000-0041, LLMW 0000, LLMW 0129, LLMW 0203	HN65	C1 NORTH	217,022.22
C1BH 0000-0214, C1CH 0455-0674, C1CH 0711, C1CH 0742-1138, C1CH 0871-1138, C1GW 0000-0081, C1U1 0000-0062, C1US 0000-0078	HN66	C1 SOUTH	1,149,394.63
PTBR 0020-0175, PTGB 0058-0249, PTPA 0260, PTWV 0000-0187	HN67	PITTMAN CENTRAL NE	129,841.26
PTHR 0000-0210, PTIS 0000-0258, PTPD 0010-0063, PTRR 0000-0135, PTWH 0000-0116	HN68	PITTMAN CENTRAL SE	28,818.56
DCWA 0646-0670, PTCD 0013-0237, PTPE 0000-0166, PTRW 0000-0170, PTSW 0000-0129, PTWA 0000-0476, WWDC 0000-0084	HN69	PITTMAN CENTRAL NW	277,640.08
PTDW 0000-0088, PTFD 0000-0111, PTLM 0000-0078, PTMR 0000-0399, PTRE 0000-0246, PTST 0000-0170, PTVV 0000-0005	HN70	PITTMAN CENTRAL SW	89,016.97
PTAD 0000-0070, PTAN 0000-0280, PTAT 0000-0007, PTCR 0000-0036, PTDY 0000, PTEA 0493-0773, PTOG 0000-0016, PTPN 0000-0039, PTRD 0000-0055, PTSA 0000-0091, PTSE 0000-0346, PTSN 0000-0063, PTSS 0000-0012, PTWS 0000-0063	HN71	PITTMAN ANTHEM INSPIRADA	23,179.17
PTAP 0000-0191, PTBL 0150-0157, PTEA 0000-0230, PTEA 0244, PTEA 0437-0439, PTGV 0000-0073, PTHD 0000-0020, PTPW 0000-0309, PTSH 0011-0084	HN72	PITTMAN SEVEN HILLS	155,696.43
PTN1 0000, PTN2 0000, PTN2 0086-0251, PTN3 0000, PTN4 0000, PTN5 0000, PTN6 0000, PTN7 0000, PTN8 0000, PTNO 0190-0195, PTWA 0815-0983	HN73	PITTMAN WEST HENDERSON	6,940.68
		<b>SUBTOTAL</b>	<b>\$2,077,550.00</b>

EXHIBIT "A"

Albert J. Jankowiak  
Project Manager

04/09/18  
Date



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
AMENDED ANNUAL BUDGET FY 2017-18**

MWP Facility#: HN65 Entity: CITY OF HENDERSON  
 Facility Name: C1 NORTH Date Prepared: 4/9/2018  
 C1CH 0000-0441, C1CT 0000-0075, C1DC 0000-0303, C1E1 0000-0065, C1EQ 0000-0297, C1FK 0000-0073, C1HV 0000-0300, C1IT 0273, C1LM 0000-0130, C1RT 0000-0041, LLMW 0000, LLMW 0129, LLMW 0203  
 MP Facility ID: 0129, LLMW 0203

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory	\$0.00	\$0.00			
5	Inspect Channels	\$5,500.00	\$6,800.00	\$6,149.55	90%	
6	Inspect Levees/Detention and Debris Basins	\$7,000.00	\$8,400.00	\$7,713.75	92%	
8	Species Survey and Removal	\$10,000.00	\$10,000.00	\$0.00	0%	
10	Clean and Reshape Channels/Levees	\$25,000.00	\$16,500.00	\$15,019.05	91%	
15	Repair Lined Channel	\$3,840.36	\$4,100.00	\$3,840.36	94%	
20	Erosion Control and Repair	\$20,000.00	\$27,800.00	\$25,300.94	91%	
21	Provide/Maintain Dust Control	\$4,286.13	\$9,500.00	\$8,691.30	91%	
25	Clean Detention/Debris Basins	\$3,982.61	\$17,300.00	\$15,734.11	91%	
35	Fence Repair	\$8,822.07	\$13,500.00	\$12,274.28	91%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$28,919.41	\$33,600.00	\$30,520.73	91%	
50	Maintain Access Road	\$4,137.89	\$4,500.00	\$4,137.89	92%	
55	Clean & Inspect Inlet/Outlet Structures	\$1,736.87	\$1,900.00	\$1,736.57	91%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines	\$6,107.19	\$6,700.00	\$6,107.19	91%	
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$0.00	\$10,400.00	\$9,474.17	91%	
80	Miscellaneous Work Activities	\$22.22	\$22.22	\$22.22	100%	
85	Engineering	\$44,000.00	\$46,000.00	\$41,753.92	90.8%	
<b>TOTALS</b>		<b>\$173,354.75</b>	<b>\$217,022.22</b>	<b>\$188,476.83</b>		<b>Jun-2018</b>

**Delays or Problem Areas:**

Major storm event on 6/30/2016, required a shift in maintenance priorities identified in the budget.

**Work completed during prior fiscal year:**

Act 85 - Completed engineering study of energy dissipator removal and replacement at C1CH 0400 (C1 Channel/Drake Channel confluence).

**Work to be completed during current fiscal year:**

Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 10 - Ongoing maintenance to channel after storm events. Act 15 - Remove and replace energy dissipator at Drake Channel and C-1 Channel confluence, C1CH 0400. Act 21, 25 - Ongoing maintenance to channel after storm events. Act 35 - Ongoing fence repair. Act 45 - Ongoing vegetation removal. Act 50 and 75 - Post storm maintenance on LLMW facility.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
AMENDED ANNUAL BUDGET FY 2017-18**

MWP Facility#: HN66 Entity: CITY OF HENDERSON  
 Facility Name: C1 SOUTH Date Prepared: 4/9/2018  
 MP Facility ID: C1BH 0000-0214, C1CH 0455-0674, C1CH 0711, C1CH 0742-1138, C1CH 0871-1138, C1GW 0000-0081, C1U1 0000-0062, C1US 0000-0078

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory	\$34.85	\$34.85	\$34.85	100%	
5	Inspect Channels	\$2,034.95	\$2,200.00	\$2,034.95	92%	
6	Inspect Levees/Detention and Debris Basins	\$3,184.02	\$4,700.00	\$4,299.29	91%	
8	Species Survey and Removal	\$6,500.00	\$6,500.00	\$0.00	0%	
10	Clean and Reshape Channels/Levees	\$7,500.00	\$8,200.00	\$7,453.29	91%	
15	Repair Lined Channel	\$449.31	\$500.00	\$449.31	90%	
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$12,329.42	\$12,329.42	\$1,329.42	11%	
25	Clean Detention/Debris Basins	\$969,000.00	\$969,000.00	\$8,079.89	1%	
35	Fence Repair	\$7,177.93	\$8,100.00	\$7,353.87	91%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$5,984.72	\$6,500.00	\$5,984.72	92%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$0.00	\$700.00	\$646.32	92%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines	\$1,780.59	\$1,900.00	\$1,780.59	94%	
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$3,078.42	\$3,300.00	\$3,078.42	93%	
80	Miscellaneous Work Activities	\$430.36	\$430.36	\$430.36	100%	
85	Engineering	\$125,000.00	\$125,000.00	\$38,137.24	31%	
<b>TOTALS</b>		<b>\$1,144,484.57</b>	<b>\$1,149,394.63</b>	<b>\$81,092.52</b>		<b>Jun-2018</b>

**Delays or Problem Areas:**  
 Major storm event on 6/30/2016, required a shift in maintenance priorities identified in the budget. Act 25 and Act 15 - Did not complete Mission Hills Detention Basin debris and sediment removal at C1CH 0854.

**Work completed during prior fiscal year:**

**Work to be completed during current fiscal year:**  
 Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 21, Act 25 and Act 85 - To complete Mission Hills Detention Basin debris and sediment removal at C1CH 0854.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
AMENDED ANNUAL BUDGET FY 2017-18**

MWP Facility#: HN67  
 Facility Name: PITTMAN CENTRAL NE  
 MP Facility ID: PTBR 0020-0175, PTGB 0058-0249, PTPA 0260, PTVW 0000-0187

Entity: CITY OF HENDERSON  
 Date Prepared: 4/9/2018

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$559.41	\$1,200.00	\$1,028.59	86%	
6	Inspect Levees/Detention and Debris Basins	\$4,500.00	\$4,700.00	\$4,254.47	91%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$2,150.51	\$8,500.00	\$7,706.32	91%	
15	Repair Lined Channel					
20	Erosion Control and Repair	\$448.86	\$500.00	\$448.86	90%	
21	Provide/Maintain Dust Control	\$7,400.00	\$8,000.00	\$7,328.44	92%	
25	Clean Detention/Debris Basins	\$70,000.00	\$75,819.04	\$74,878.03	99%	
35	Fence Repair	\$1,590.34	\$1,800.00	\$1,590.34	88%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$13,300.00	\$14,500.00	\$13,239.22	91%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures	\$935.69	\$1,000.00	\$935.69	94%	
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities	\$22.22	\$22.22	\$22.22	100%	
85	Engineering	\$11,000.00	\$13,800.00	\$12,579.14	91%	
<b>TOTALS</b>		<b>\$111,907.03</b>	<b>\$129,841.26</b>	<b>\$124,011.32</b>		<b>Jun-2018</b>

**Delays or Problem Areas:**

Major storm event on 6/30/2016, required a shift in maintenance priorities identified in the budget.

**Work completed during prior fiscal year:**

**Work to be completed during current fiscal year:**

Act 10 - Clean channels. Act 25 - Normal maintenance activity to clean out debris from Pioneer DB. Act 35 - Ongoing fence repair.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
AMENDED ANNUAL BUDGET FY 2017-18**

MWP Facility#: HN68  
Facility Name: PITTMAN CENTRAL SE

Entity: CITY OF HENDERSON  
Date Prepared: 4/9/2018

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

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$1,529.89	\$1,700.00	\$1,529.89	90%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$1,392.57	\$1,500.00	\$1,392.57	93%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$5,100.00	\$5,500.00	\$5,014.51	91%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$2,481.34	\$2,700.00	\$2,481.34	92%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$1,953.02	\$2,200.00	\$1,953.02	89%	
80	Miscellaneous Work Activities	\$418.56	\$418.56	\$418.56	100%	
85	Engineering	\$13,529.14	\$14,800.00	\$13,529.14	91%	
<b>TOTALS</b>		<b>\$26,404.52</b>	<b>\$28,818.56</b>	<b>\$26,319.03</b>		<b>Jun-2018</b>

**Delays or Problem Areas:**

Major storm event on 6/30/2016, required a shift in maintenance priorities identified in the budget.

**Work completed during prior fiscal year:**

**Work to be completed during current fiscal year:**

Act 35 - Ongoing fence repair. Act 45 - Ongoing vegetation control.

Consultant/  
Contractor:  
Project  
Manager:

Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
AMENDED ANNUAL BUDGET FY 2017-18**

MWP Facility#: HN69 Entity: CITY OF HENDERSON  
 Facility Name: PITTMAN CENTRAL NW Date Prepared: 4/9/2018  
 DCWA 0646-0670, PTCB 0013-0237, PTPE 0000-0166, PTRW 0000-0170, PPSW 0000-0129, PTWA  
 MP Facility ID: 0000-0476, WWDC 0000-0084

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$6,812.24	\$9,900.00	\$8,953.63	90%	
6	Inspect Levees/Detention and Debris Basins	\$818.37	\$900.00	\$818.37	91%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$35,375.41	\$54,900.00	\$49,903.23	91%	
15	Repair Lined Channel	\$3,975.14	\$85,200.00	\$4,723.31	6%	
20	Erosion Control and Repair	\$3,172.02	\$3,500.00	\$3,172.02	91%	
21	Provide/Maintain Dust Control	\$493.59	\$550.00	\$493.59	90%	
25	Clean Detention/Debris Basins	\$5,597.33	\$6,200.00	\$5,597.33	90%	
35	Fence Repair	\$9,174.52	\$12,200.00	\$11,061.94	91%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$5,877.14	\$19,200.00	\$17,505.61	91%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$25,740.46	\$28,300.00	\$25,740.46	91%	
80	Miscellaneous Work Activities	\$1,390.08	\$1,390.08	\$1,390.08	100%	
85	Engineering	\$30,022.46	\$55,400.00	\$32,177.09	58%	
<b>TOTALS</b>		<b>\$128,448.76</b>	<b>\$277,640.08</b>	<b>\$161,536.66</b>		<b>Jun-2018</b>

**Delays or Problem Areas:**

Major storm event on 6/30/2016, required a shift in maintenance priorities identified in the budget.

**Work completed during prior fiscal year:**

Act 15 - Completed repair of the Pittman Wash at PTWA 0345. Act 20 - Completed repair of the Pittman Wash at PTWA 0152 (La Mancha Estates).

**Work to be completed during current fiscal year:**

Act 10, 15, 20, 21 - Ongoing maintenance to channel after storm events. Act 35 - Ongoing fence repair. Act 40-45 - Ongoing vegetation removal. Act 85 - Engineering study of Pittman Wash erosion control facilities and Engineering evaluation of culvert headwall Sandwedge Channel at PPSW 0019.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
AMENDED ANNUAL BUDGET FY 2017-18**

MWP Facility#: HN70 Entity: CITY OF HENDERSON  
 Facility Name: PITTMAN CENTRAL SW Date Prepared: 4/9/2018  
 MP Facility ID: PTDW 0000-0088, PTFD 0000-0111, PTLM 0000-0078, PTMR 0000-0399, PTRE 0000-0246, PTST 0000-0170, PTVV 0000-0005

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$4,684.00	\$4,684.00	\$4,684.00	100%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$4,301.47	\$4,301.47	\$4,301.47	100%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$245.87	\$245.87	\$245.87	100%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$7,662.21	\$7,662.21	\$7,662.21	100%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$63,604.43	\$63,604.43	\$63,604.43	100%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities	\$22.22	\$22.22	\$22.22	100%	
85	Engineering	\$8,496.77	\$8,496.77	\$8,496.77	100%	
<b>TOTALS</b>		<b>\$89,016.97</b>	<b>\$89,016.97</b>	<b>\$89,016.97</b>		<b>Jun-2018</b>

**Delays or Problem Areas:**

Major storm event on 6/30/2016, required a shift in maintenance priorities identified in the budget.

Work completed during prior fiscal year:

Work to be completed during current fiscal year:

Act 10, 21, 25 - Ongoing maintenance to channel after storm events. Act 35 - Ongoing fence repair. Act 45 - Ongoing vegetation removal.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
AMENDED ANNUAL BUDGET FY 2017-18**

MWP Facility#: HN71  
Facility Name: PITTMAN ANTHEM INSPIRADA

Entity: CITY OF HENDERSON  
Date Prepared: 4/9/2018

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

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$1,765.86	\$1,765.86	\$1,765.86	100%	
6	Inspect Levees/Detention and Debris Basins	\$2,965.00	\$3,500.00	\$3,220.92	92%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees					
15	Repair Lined Channel					
20	Erosion Control and Repair	\$2,020.48	\$2,020.48	\$2,020.48	100%	
21	Provide/Maintain Dust Control	\$970.44	\$970.44	\$970.44	100%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$295.21	\$295.21	\$295.21	100%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road	\$1,104.96	\$1,104.96	\$1,104.96	100%	
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities	\$22.22	\$22.22	\$22.22	100%	
85	Engineering	\$12,235.66	\$13,500.00	\$15,544.51	115%	
<b>TOTALS</b>		<b>\$21,379.83</b>	<b>\$23,179.17</b>	<b>\$24,944.60</b>		<b>Jun-2018</b>

**Delays or Problem Areas:**

Major storm event on 6/30/2016, required a shift in maintenance priorities identified in the budget.

**Work completed during prior fiscal year:**

**Work to be completed during current fiscal year:**

Act 10, 21, 25 - Ongoing maintenance to channel after storm events. Act 35 - Ongoing fence repair. Act 45 - Ongoing vegetation removal.

Consultant/  
Contractor:  
Project  
Manager:

Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
AMENDED ANNUAL BUDGET FY 2017-18**

WWF Facility#: HN72 Entity: CITY OF HENDERSON  
 Facility Name: PITTMAN SEVEN HILLS Date Prepared: 4/9/2018  
 MP Facility ID: PTAP 0000-0191, PTBL 0150-0157, PTEA 0000-0230, PTEA 0244, PTEA 0437-0439, PTGV 0000-0073, PTHD 0000-0020, PTPW 0000-0309, PTSH 0011-0084

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$2,424.35	\$2,424.39	\$2,640.17	109%	
6	Inspect Levees/Detention and Debris Basins	\$6,189.25	\$6,189.25	\$6,189.25	100%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$3,457.27	\$13,457.27	\$3,457.27	26%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$4,726.26	\$4,726.26	\$4,726.26	100%	
25	Clean Detention/Debris Basins	\$13,564.94	\$13,564.94	\$13,564.94	100%	
35	Fence Repair	\$9,952.68	\$11,200.00	\$10,217.17	91%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$5,536.28	\$85,536.28	\$4,355.12	5%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$668.92	\$668.92	\$668.92	100%	
60	Repair Inlet/Outlet Structures	\$1,164.26	\$1,164.26	\$1,164.26	100%	
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities	\$364.86	\$364.86	\$364.86	100%	
85	Engineering	\$11,563.78	\$16,400.00	\$14,872.63	91%	
<b>TOTALS</b>		<b>\$59,612.89</b>	<b>\$155,696.43</b>	<b>\$62,220.85</b>		<b>Jun-2018</b>

**Delays or Problem Areas:**

Major storm event on 6/30/2016, required a shift in maintenance priorities identified in the budget.

**Work completed during prior fiscal year:**

Act 85 - Completed feasibility study for installing ramp at PTEA 0125. Study found that ramp cannot be constructed without acquisition of right-of-way or relocation of NV Energy transmission conduit.

**Work to be completed during current fiscal year:**

Act 10, 15, 21, 25 - Ongoing maintenance to channel after storm events. Act 35 - Ongoing fence repair. Act 45 - Remove overgrowth of vegetation to reestablish conveyance capacity at PTAP 0005-0018.

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



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
AMENDED ANNUAL BUDGET FY 2017-18**

MWP Facility#: HN73 Entity: CITY OF HENDERSON  
 Facility Name: PITTMAN WEST HENDERSON Date Prepared: 4/9/2018  
 MP Facility ID: PTN1 0000, PTN2 0000, PTN2 0086-0251, PTN3 0000, PTN4 0000, PTN5 0000, PTN6 0000, PTN7 0000, PTN8 0000, PTNO 0190-0195, PTWA 0815-0983

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$659.06	\$659.06	\$659.06	100%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees					
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities	\$22.24	\$22.24	\$22.24	100%	
85	Engineering	\$6,259.38	\$6,259.38	\$6,259.38	100%	
<b>TOTALS</b>		<b>\$6,940.68</b>	<b>\$6,940.68</b>	<b>\$6,940.68</b>		<b>Jun-2018</b>

**Delays or Problem Areas:**

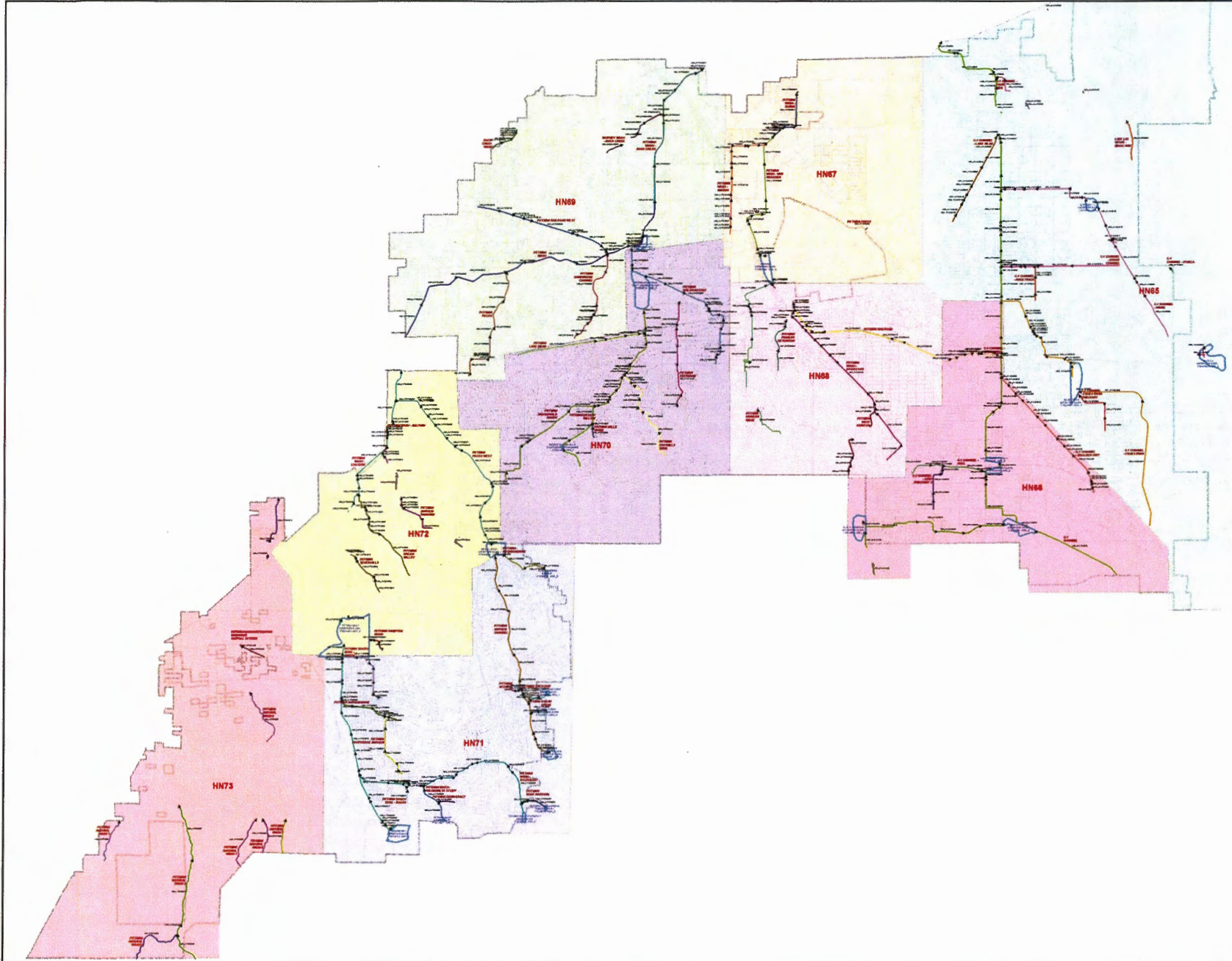
Major storm event on 6/30/2016, required a shift in maintenance priorities identified in the budget.

**Work completed during prior fiscal year:**

**Work to be completed during current fiscal year:**

Act 10 - Ongoing maintenance to channel after storm events. Act 35 - Ongoing fence repair.

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



DEPARTMENT OF  
PUBLIC WORKS,  
PARKS AND RECREATION



City of Henderson

Clark County  
Regional Flood  
Control District  
Maintenance Work Program  
2017 / 2018



**Legend**

**Regional Facilities**

— C-1 CHANNEL

**HEN\_NUM**

HN65

HN66

HN67

HN68

HN69

HN70

HN71

HN72

HN73

Detention Basins

Henderson Street  
Center Lines

City Limits



This map is offered as a general reference  
guide only. Neither accuracy of accuracy is  
intended nor should any be assumed.

AUTHOR:	DATE:
RLW	3/23/2017

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b> GOWAN NORTH – EL CAPITAN BRANCH, LONE MOUNTAIN TO ANN ROAD
<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 REALLOCATE PROJECT FUNDING AND APPROVE A WAIVER OF THE DESIGN ENGINEERING CAP FOR GOWAN NORTH – EL CAPITAN BRANCH, LONE MOUNTAIN TO ANN ROAD – LAS24M17 (FOR POSSIBLE ACTION)

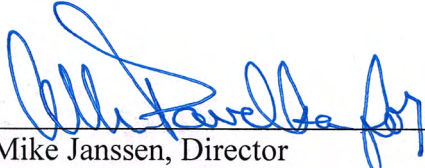
**FISCAL IMPACT:**

	Current Funding	Increase/Decrease	Proposed Funding
Construction Management	\$630,100	\$300,000	\$930,100
Construction	\$9,000,500	(\$300,000)	\$8,700,500
<b>Total ILC Value</b>	<b>\$9,630,600</b>	<b>\$ 0</b>	<b>\$9,630,600</b>

**BACKGROUND:**

On October 12, 2017, the District approved an Interlocal Contract for construction management, and construction associated with the Gowan North – El Capitan Branch, Lone Mountain to Ann Road. This First Supplemental Interlocal Contract will reallocate funding within the contract to cover the cost of construction management.

Respectfully submitted,

  
 Mike Janssen, Director  
 Department of Public Works

TAC AGENDA ITEM #16 Date: 04/26/2018	RFCD AGENDA ITEM # Date: 05/24/2018
CAC AGENDA ITEM #16 Date: 04/30/2018	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

**GOWAN NORTH – EL CAPITAN BRANCH, LONE MOUNTAIN TO ANN ROAD  
FIRST SUPPLEMENTAL INTERLOCAL CONTRACT – LAS24M17**

The City of Las Vegas has submitted a request to approve a first supplemental interlocal contract for construction and construction engineering to reallocate funding and approve a waiver of the design engineering cap for the Gowan North – El Capitan Branch, Lone Mountain to Ann Road project.

The reallocation is necessary to cover the cost of construction management contract. District funding will be as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$9,000,500	(\$300,000)	\$8,700,500
Construction Engineering	\$ 630,100	\$ 300,000	\$ 930,100
<b>Total ILC Value</b>	<b>\$9,630,600</b>	<b>\$ 0</b>	<b>\$9,630,600</b>

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#16 Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#16 Date: 04/30/18

**Recommendation:**

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

**THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2018 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 GOEC 0000, GOEC 00026, GOEC 0051, and GOEC 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 October 12, 2017 was entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City desires to reallocate funding and approve a waiver of the design engineering cap.

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

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

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

1. The Construction Management shall not exceed \$930,100.

2. Construction in an amount not to exceed \$8,700,500.
3. The total cost of this Contract shall not exceed \$9,630,600 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.

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The remainder of the original Interlocal Contract dated October 12, 2017 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

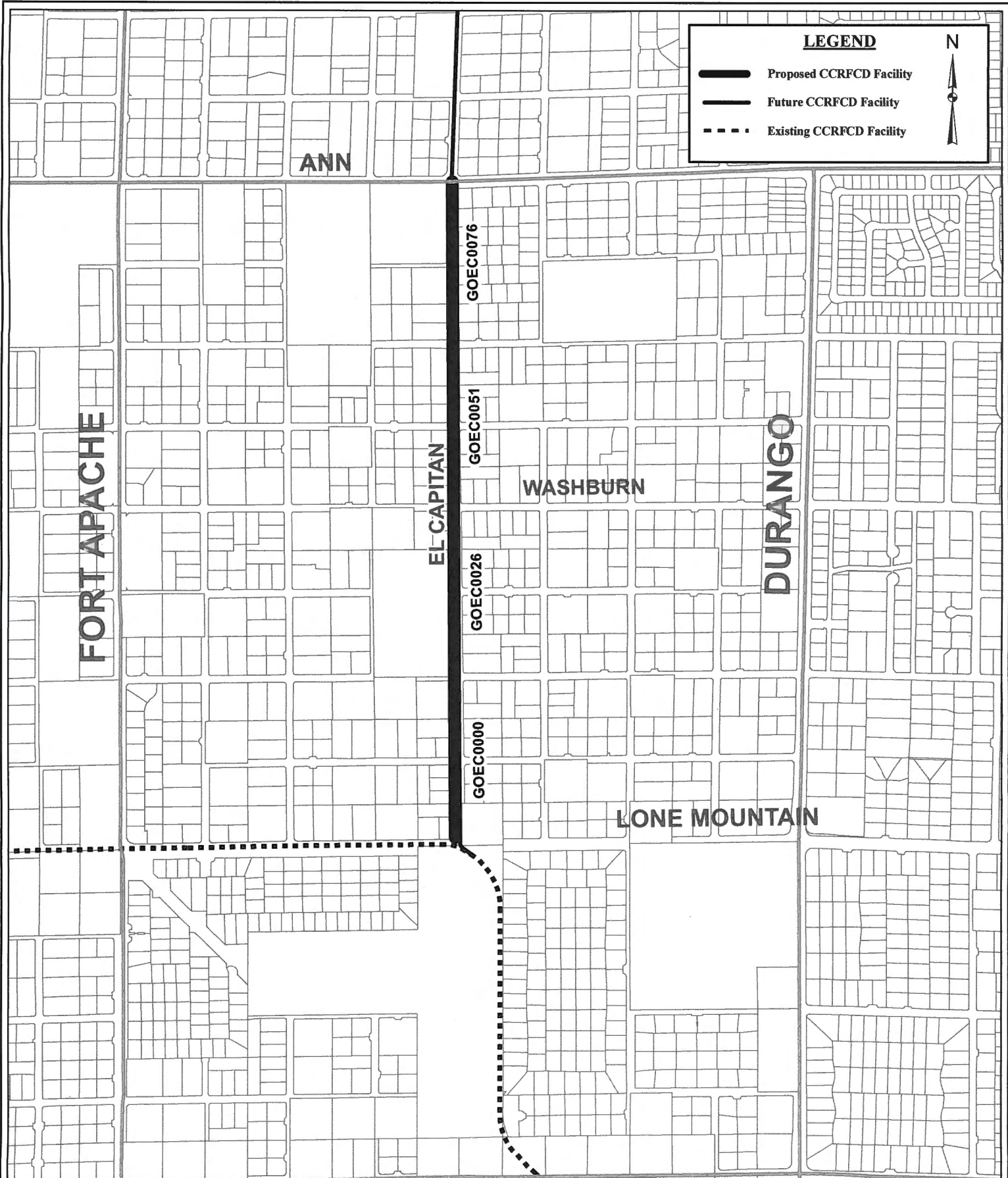
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III,  
Chairman

Attest




By: \_\_\_\_\_  
Deanna Hughes  
Secretary to the Board


Approved as to Form

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



**LEGEND**

 Proposed CCRFCD Facility  
 Future CCRFCD Facility  
 Existing CCRFCD Facility

N  




**EXHIBIT A**  
**GOWAN NORTH - EL CAPITAN BRANCH,**  
**LONE MOUNTAIN TO ANN ROAD (LAS24M17)**

**SCALE: 1:12,000**  
**DRAWING NAME:**  
 GowanOutfall\_ElCapitanBranch\_  
 LoneMtn-Ann.mxd  
**DRAWN BY: C. JONES**  
**DATE: 04/12/2017**  
**SHEET NUMBER 1 OF 1**



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b> FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – MAIN STREET TO MARYLAND PARKWAY
<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 DESIGN TO INCREASE PROJECT FUNDING FOR FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – MAIN STREET TO MARYLAND PARKWAY – LAS29D17 (FOR POSSIBLE ACTION)

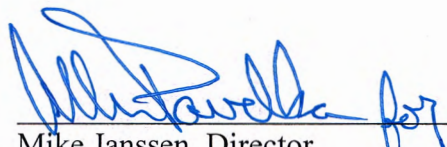
**FISCAL IMPACT:**

	Current Funding	Increase/Decrease	Proposed Funding
Right of Way	\$ 2,000	\$ 0	\$ 2,000
Design Engineering	\$321,192	\$1,204,482	\$1,525,674
Environmental	\$ 2,000	\$ 0	\$ 2,000
Total ILC Value	\$325,192	\$1,204,482	\$1,529,674

**BACKGROUND:**

On August 10, 2017, the District approved an Interlocal Contract for design engineering, right-of-way and environmental mitigation associated with the Flamingo – Boulder Highway North, Charleston – Main Street to Maryland Parkway. This First Supplemental Interlocal Contract will increase design funding to cover the cost of the negotiated design contract and internal labor.

Respectfully submitted,

  
 Mike Janssen, Director  
 Department of Public Works

TAC AGENDA ITEM #17 Date: 04/26/2018	RFCD AGENDA ITEM # Date: 05/24/2018
CAC AGENDA ITEM #17 Date: 04/30/2018	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/16/18

FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON – MAIN STREET TO MARYLAND PARKWAY  
FIRST SUPPLEMENTAL INTERLOCAL CONTRACT – LAS29D17

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 increase funding in the amount of \$1,204,482 for the Flamingo – Boulder Highway North, Charleston – Main Street to Maryland Parkway project.

The increase is necessary to cover the cost of the negotiated design contract and internal labor. District funding will be as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$321,192	\$1,204,482	\$1,525,674
Right-of-Way	\$ 2,000	\$ 0	\$ 2,000
Environmental Mitigation	\$ 2,000	\$ 0	\$ 2,000
Total ILC Value	\$325,192	\$1,204,482	\$1,529,674

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  
#17 Date: 04/26/18

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#17 Date: 04/30/18

**Recommendation:**

**FIRST SUPPLEMENTAL INTERLOCAL CONTRACT  
FLAMINGO – BOULDER HIGHWAY NORTH, CHARLESTON –  
MAIN STREET TO MARYLAND PARKWAY**

**THIS FIRST SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2018 by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the City of Las Vegas hereinafter referred to as “CITY”.

**WITNESSETH**

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2013 Master Plan Update as Facility Number FLBN 0281 and 0312, hereinafter referred to as “PROJECT”; and

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

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

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

**WHEREAS**, the Interlocal Contract dated August 10, 2017 was entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City desires to increase project funding.

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

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

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

1. The engineering and design shall not exceed \$1,525,674.
2. Preparation of right-of-way drawings, descriptions, title reports of the right-of-way required, and appraisals at a cost not to exceed \$2,000.

3. Environmental Mitigation in an amount not to exceed \$2,000.
4. The total cost of this Contract shall not exceed \$1,529,674 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.

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The remainder of the original Interlocal Contract dated August 10, 2017 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

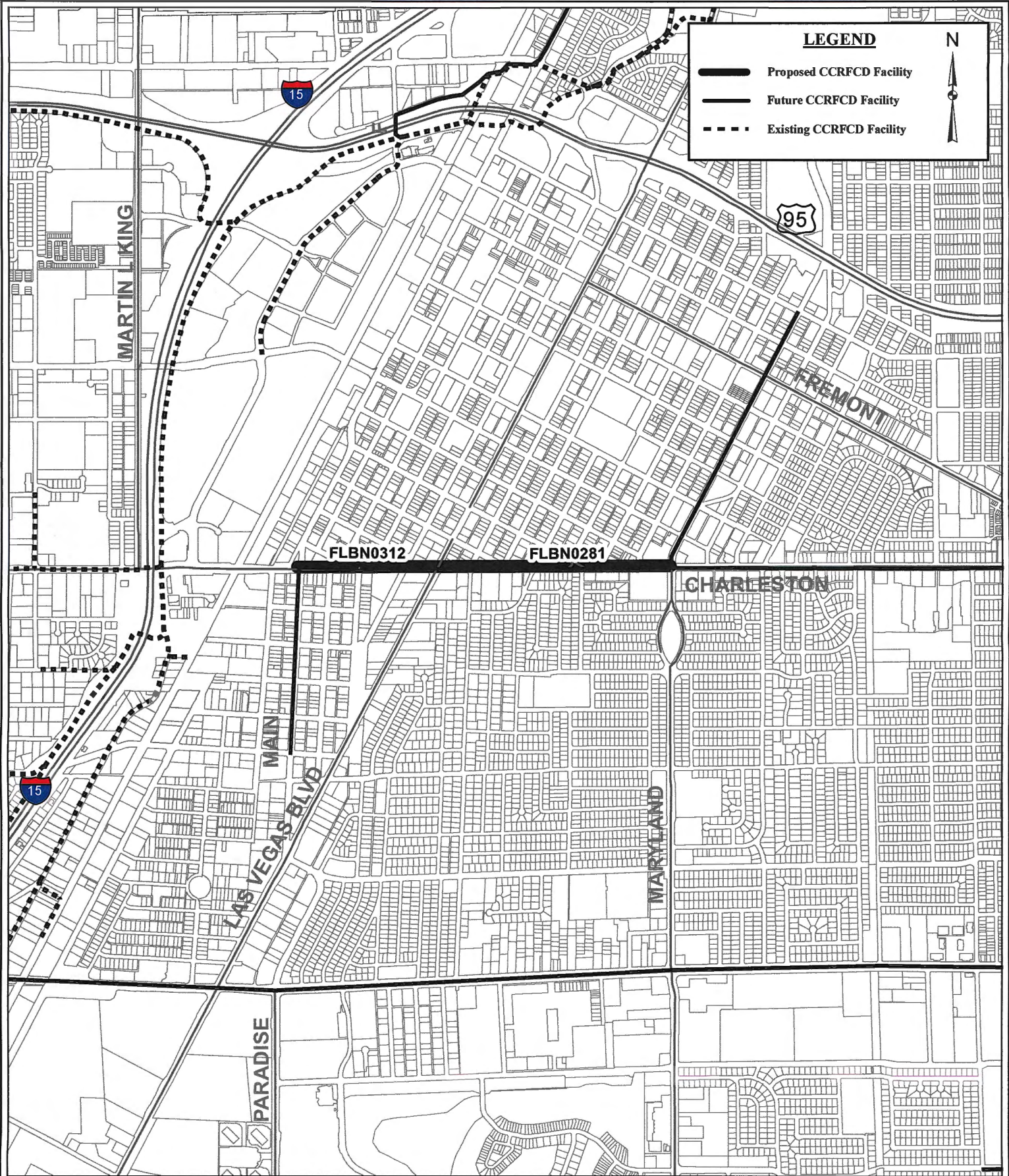
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III,  
Chairman

Attest




By: \_\_\_\_\_  
Deanna Hughes  
Secretary to the Board


Approved as to Form

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 -**  
**MAIN STREET TO MARYLAND PARKWAY (LAS29D17)**

**SCALE: 1:20,000**  
**DRAWING NAME:**  
 Flamingo\_BoulderHwyNorth  
 Charleston\_MainSt-MarylandPky  
**DRAWN BY: C. JONES**  
**DATE: 04/12/2018**  
**SHEET NUMBER 1 OF 1**

18. **Comments By the General Public**

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