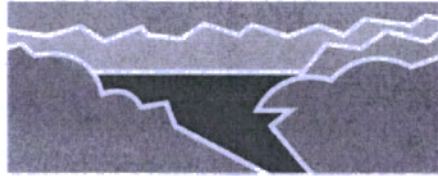


# REGIONAL FLOOD CONTROL DISTRICT



## NOTICE OF PUBLIC MEETING

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

JULY 25, 2019  
9:00 A.M.

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

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

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

By: C. Kamey

\*\*Supporting material available upon request.

1. **Comments By the General Public**

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

# REGIONAL FLOOD CONTROL DISTRICT



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

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

## **I. Call to Order**

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

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

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

#### **a. Annual Elections (*For possible action*)**

### **3. Action to approve the minutes of the June 27, 2019 meeting (*For possible action*)**

## **II. Administration**

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

5. Action to adopt amendments to the Ten-Year Construction Program (*For possible action*)
6. Action to approve the first amendment to the consultant contract with Louis Berger U.S., Inc., to extend the completion date for the preparation of a Master Plan Update for the Outlying Areas of Clark County, including Blue Diamond, Coyote Springs, Goodsprings, Indian Springs, Jean, Laughlin, Mount Charleston, Nelson, Primm, and Searchlight (*For possible action*)
7. Action to approve the consultant contract with Atkins North America, Inc., to prepare an update to the Hydrologic Criteria and Drainage Design Manual (*For possible action*)

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

8. Action to approve construction change order no. 6 for Horizon Ridge Detention Basin – City of Henderson (*For possible action*)
9. Action to approve the seventh supplemental interlocal contract for design to increase funding for Vandenberg North Detention Basin & Outfall – City of North Las Vegas (*For possible action*)
10. Vandenberg North Detention Basin, Collection & Outfall, Phase II – City of North Las Vegas (*For possible action*)
  - a. Action to accept the project presentation
  - b. Action to approve the interlocal contract for construction

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

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

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

ANNUAL ELECTIONS

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

ELECT A CHAIR AND VICE-CHAIR (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

None.

**BACKGROUND:**

In accordance with NRS 543.510 and the District Policies and Procedures – Section I.E.3, the Technical Advisory Committee shall elect a Chair and a Vice-Chair of the Committee in July of each year. The current Chair is Denis Cederburg and Vice-Chair is Ed McGuire.

Respectfully submitted,



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

TAC AGENDA  
ITEM #02a  
Date: 07/25/19

**MINUTES**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**TECHNICAL ADVISORY COMMITTEE**  
**JUNE 27, 2019**  
**9:00 A.M.**

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

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

**CALL TO ORDER:** Mr. Andrew R. Trelease, Assistant General Manager, Regional Flood Control District, called the meeting to order at 9:01 a.m., in Room 108, 600 South Grand Central Parkway, with the following members present:

**MEMBERS PRESENT:** Dale Daffern, Acting Chair, City of North Las Vegas  
Allen Pavelka, City of Las Vegas  
Keegan Littrell, City of Boulder City  
Joseph Leedy, Clark County Water Reclamation District, Alternate  
Travis Anderson, City of Mesquite  
Thomas Davy, City of Henderson, Alternate

**MEMBERS ABSENT:** Denis Cederburg, Chair, Clark County  
Edward McGuire, Vice-Chair, City of Henderson  
Mike Janssen, City of Las Vegas  
Ebrahim Juma, Clark County Water Reclamation District

**STAFF:** Andrew R. Trelease, Assistant General Manager  
Christopher Figgins, Chief Deputy District Attorney  
Jeanine Pitts-Dilworth, Administrative Services Director  
Abigail Mayrena, Principal Civil Engineer  
Ching Wang, Senior Civil Engineer  
Edward Demars, Associate Engineer  
Michael Todd, RFCDD Systems Administrator  
Jessica Butte, Fiscal Services Administrator  
Cristle Ramey, Senior Office Specialist

**INTERESTED PARTIES:** Mr. Matt Wilkinson, P.E., CFM, Atkins North America, Inc.

**I. Call to Order**

**Mr. Andrew R. Trelease, Assistant General Manager, Regional Flood Control District, called the Technical Advisory Committee meeting to order at 9:01 a.m. in Room 108 of the RFCD/RTC Administration Building.**

**1. Comments By the General Public**

Mr. Trelease requested the Committee to select an Acting Chair due to the absence of both the Chair and Vice-Chair.

Upon a motion by Mr. Anderson, Mr. Dale Daffern was elected to Chair the Technical Advisory Committee meeting of June 27, 2019.

**6 AYES – 0 NAYS  
Motion Carried**

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

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

Staff recommends approval.

**Mr. Pavelka moved for approval of the agenda.**

**6 AYES – 0 NAYS  
Motion Carried**

**3. Action to approve the minutes of the May 30, 2019 meeting (*For possible action*)**

**Upon a motion by Mr. Anderson, the minutes of the May 30, 2019 meeting were approved.**

**6 AYES – 0 NAYS  
Motion Carried**

**II. Administration**

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

Mr. Trelease stated the report was in the agenda backup.

Staff recommends acceptance of the financial reports.

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

**6 AYES – 0 NAYS**

**Motion Carried**

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

Mr. Trelease stated that these are amendments for fiscal impacts that occur later in the agenda.

Staff recommends approval.

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

**6 AYES – 0 NAYS**

**Motion Carried**

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

- Local Drainage Improvements – Katie Avenue Storm Drain (construction)  
– CLD19A17

Mr. Trelease stated that this closeout will return funds in the amount of \$42,611.62.

Staff recommends approval.

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

**6 AYES – 0 NAYS**

**Motion Carried**



7. Receive the quarterly project status reports – reporting period February 2019 through April 2019

Mr. Trelease stated that the report is in the agenda backup.

**No Action Required.**

8. Action to approve the first amendment to the professional services agreement with Water & Earth Technologies to increase funding for an upgrade of the Flood Threat Recognition System to the ALERT2 protocol (*For possible action*)

Mr. Trelease stated that this is a request for an increase of funding in the amount of \$10,000.00, to provide adequate battery charge systems at two (2) repeater sites the ALERT2 protocol.

Staff recommends approval.

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

**6 AYES – 0 NAYS  
Motion Carried**

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

9. Receive a presentation and action to approve the interlocal contract for construction for Local Drainage Improvements for Chickasaw Storm Drain – City of Henderson (*For possible action*)

Mr. Matt Wilkinson, P.E., CFM, Atkins North America Inc., made a project presentation.

Mr. Trelease stated that this is a request to approve the interlocal contract for construction in the amount of \$1,999,964.00.

Staff recommends approval.

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

**6 AYES – 0 NAYS  
Motion Carried**

10. Action to approve the second supplemental interlocal contract for design to increase funding for Jim McGaughey Detention Basin, Collection & Outfall – Clark County *(For possible action)*

Mr. Trelease stated that this is an increase to the contract right-of-way and design line item in the amount of \$3,000,000.00, which increased the contract budget to \$3,382,870.00.

Staff recommends approval.

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

**6 AYES – 0 NAYS  
Motion Carried**

11. Action to approve the third supplemental interlocal contract for design to increase funding for Town Wash – Mesa Boulevard, El Dorado to Town Wash – City of Mesquite *(For possible action)*

Mr. Trelease stated that this is a request to increase the design and environmental mitigation line items in the amount of \$79,198.00, which increased the contract budget to \$495,714.00.

Staff recommends approval.

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

**6 AYES – 0 NAYS  
Motion Carried**

12. Action to approve an interlocal contract for design for Brent Drainage System – Durango Drive to O’Hare Avenue – City of Las Vegas *(For possible action)*

Staff recommends approval.

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

**6 AYES – 0 NAYS  
Motion Carried**


13. **Comments By the General Public**


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

**ADJOURNMENT**

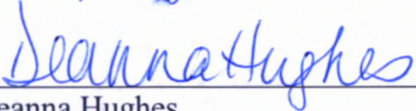
The meeting adjourned at 9:12 a.m.

Respectfully submitted,

  
\_\_\_\_\_  
Andrew Trelease, P.E., CFM  
Assistant General Manager

  
\_\_\_\_\_  
Dale Daffern, Acting Chair  
City of North Las Vegas

Attest July 25, 2019

  
\_\_\_\_\_  
Deanna Hughes  
Board Secretary

/cr

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

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

**FISCAL IMPACT:** None

**BACKGROUND:** The financial reports for June 2019, are submitted for your review:

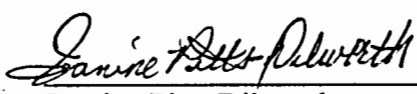
<u>Section</u>	<u>Description</u>	<u>Page(s)</u>
A - Fund 2860	Fund Balance Report .....	1
	Appropriation Balance Report – FY 2018-19 .....	2
	Appropriation Balance Report – FY 2019-20 .....	3
	Sales Tax Revenue Report – FY 2018-19 .....	4
	Sales Tax Revenue Report – FY 2019-20 .....	5
	Monthly Expenditure Summary Report .....	6
B - Fund 2870	Fund Balance Report .....	7
	Maintenance Work Program Monthly Expenditures .....	8-11
	Maintenance Work Program Status Report – FY 2019 .....	12-13
	Maintenance Work Program Status Report – FY 2020 .....	14-15
C - Fund 3300	Fund Balance Report .....	16
D - Fund 4430	Fund Balance Report .....	17
	Monthly Expenditure Report .....	18-19
E - Fund 4440	Fund Balance Report .....	20
	Monthly Expenditure Report .....	21

TAC AGENDA ITEM # 04 DATE: 07/25/19	RFCD AGENDA ITEM # DATE: 08/08/19
CAC AGENDA ITEM # 04 DATE: 07/29/19	

F - Summary

Pay-As-You-Go Funded – Current Project Expense Summary .....	22-47
Bond Funded – Current Project Expense Summary .....	48-51
Capital Improvement Program – Open Projects Summary .....	52
Pay-As-You-Go Funding – Cumulative Reporting .....	53-65
Bond Funding – Cumulative Reporting .....	66-70
FY 2019-20 Projects Funded Summary .....	71-72
Estimated Funding Schedule .....	73

Respectfully submitted,

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

TAC AGENDA ITEM # 04 DATE: 07/25/19	RFCD AGENDA ITEM # DATE: 08/08/19
CAC AGENDA ITEM # 04 DATE: 07/29/19	

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

BEGINNING CASH BALANCE:		\$ 10,289,597.52	
Accruals/Adjustments		<u>(470.69)</u>	
	TOTAL BEGINNING BALANCE		\$ 10,289,126.83
REVENUES:			
Sales Tax Revenue (Collected April 2019)		9,343,520.07	
Interest Earnings		-	
Fund 4430 - Transfer In Interest Earnings		-	
Build America Bonds Rebate		-	
Sale of Materials		-	
Miscellaneous Other Revenue		-	
Petty Cash Reimbursements		0.10	
Miscellaneous Accruals/Adjustments		<u>138,321.20</u>	
	TOTAL REVENUES		\$ 9,481,841.37
EXPENDITURES:			
Salaries & Benefits		(249,771.96)	
Services & Supplies		(111,815.47)	
Professional Services		(112,846.23)	
Capital Expenditures		(13,675.00)	
Fund 2870 - Transfer Out Maintenance Work Program		(1,000,000.00)	
Fund 3300 - Transfer Out Debt Service		(4,294,038.87)	
Fund 4430 - Transfer Out Budgeted Transfers		(4,095,000.00)	
Accruals/Adjustments			
Accounts Payable		(8,927.52)	
Miscellaneous Accruals/Adjustments		<u>\$152.95</u>	
	TOTAL EXPENSES		\$ <u>(9,885,922.10)</u>
ENDING CASH BALANCE:			\$ <u><u>9,885,046.10</u></u>

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

REVENUES/FINANCING SOURCES

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	UNREALIZED	% UNREALIZED
Revenues	\$ 108,309,352.00	\$ 94,317,629.04	N/A	\$ 13,991,722.96	13%
Other Sources	<u>800,000.00</u>	<u>676,923.08</u>	<u>N/A</u>	<u>123,076.92</u>	<u>15%</u>
<b>TOTAL</b>	<b>\$ 109,109,352.00</b>	<b>\$ 94,994,552.12</b>	<b>N/A</b>	<b>\$ 14,114,799.88</b>	<b>13%</b>

EXPENDITURES/TRANSFERS

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	AVAILABLE	% AVAILABLE
Expenditures (1)	\$ 9,748,604.00	\$ 6,956,344.39	\$ 1,231,169.41	\$ 1,561,090.20	16%
Transfers Out					
Debt Service	39,270,425.00	41,563,811.78	-	(2,293,386.78)	-6%
MWP	12,000,000.00	10,000,000.00	-	2,000,000.00	17%
CIP (1,2)	<u>54,000,000.00</u>	<u>42,180,000.00</u>	<u>-</u>	<u>11,820,000.00</u>	<u>22%</u>
<b>TOTAL</b>	<b>\$ 115,019,029.00</b>	<b>\$ 100,700,156.17</b>	<b>\$ 1,231,169.41</b>	<b>\$ 13,087,703.42</b>	<b>11%</b>

Notes:

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

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

REVENUES/FINANCING SOURCES

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	UNREALIZED	% UNREALIZED
Revenues	\$ 113,432,651.00	\$ -	N/A	\$ 113,432,651.00	100%
Other Sources	<u>800,000.00</u>	<u>-</u>	<u>N/A</u>	<u>800,000.00</u>	<u>100%</u>
<b>TOTAL</b>	<b>\$ 114,232,651.00</b>	<b>\$ -</b>	<b>N/A</b>	<b>\$ 114,232,651.00</b>	<b>100%</b>

EXPENDITURES/TRANSFERS

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	AVAILABLE	% AVAILABLE
Expenditures	\$ 10,409,100.00	\$ 150,562.24	\$ 1,378,474.47	\$ 8,880,063.29	85%
Transfers Out					
Debt Service	52,600,000.00	4,294,038.87	-	48,305,961.13	92%
MWP	11,000,000.00	-	-	11,000,000.00	100%
CIP (1)	<u>43,000,000.00</u>	<u>-</u>	<u>-</u>	<u>43,000,000.00</u>	<u>100%</u>
<b>TOTAL</b>	<b>\$ 117,009,100.00</b>	<b>\$ 4,444,601.11</b>	<b>\$ 1,378,474.47</b>	<b>\$ 111,186,024.42</b>	<b>95%</b>

Notes:

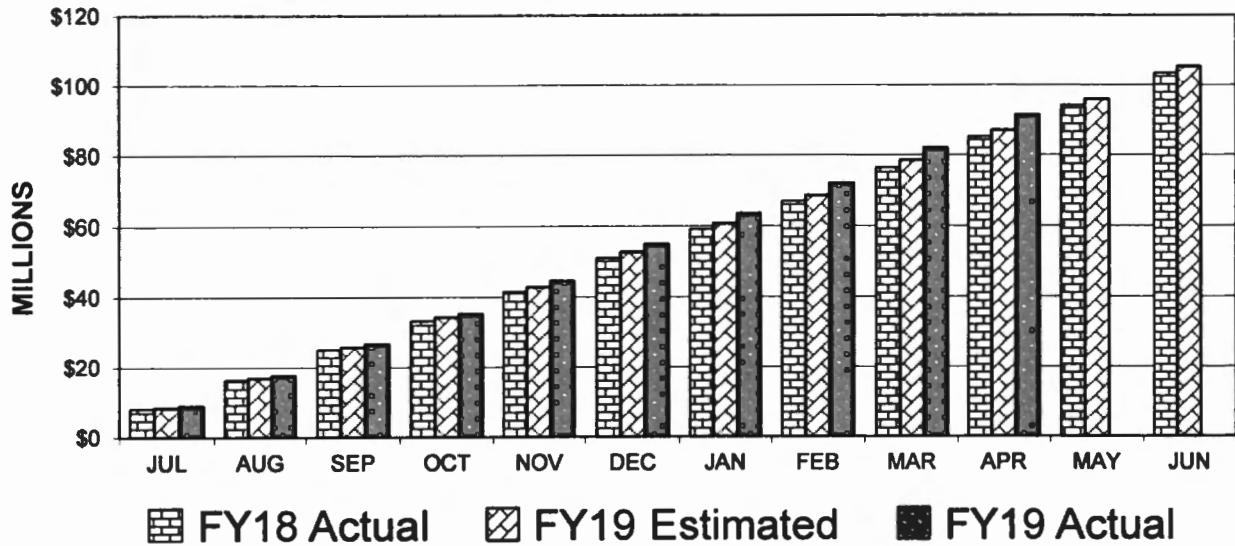
(1) Includes Local Drainage program.



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

MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE (as approved April 12, 2018)	ACTUAL SALES TAX REVENUES	DIFFERENCE OVER/(UNDER) ESTIMATE	PERCENT +/- FROM ESTIMATE
JULY	\$ 8,337,216.43	\$ 8,812,912.62	\$ 475,696.19	5.71%
AUGUST	8,503,452.27	8,803,958.07	300,505.80	3.53%
SEPTEMBER	8,856,367.65	8,991,766.94	135,399.29	1.53%
OCTOBER	8,501,254.63	8,633,436.49	132,181.86	1.55%
NOVEMBER	8,610,430.36	9,320,225.70	709,795.34	8.24%
DECEMBER	9,901,526.75	10,371,886.68	470,359.93	4.75%
JANUARY	8,053,625.31	8,645,825.21	592,199.90	7.35%
FEBRUARY	7,802,944.08	8,395,602.01	592,657.93	7.60%
MARCH	9,978,678.81	10,073,740.52	95,061.71	0.95%
APRIL	8,474,253.85	9,343,520.07	869,266.22	10.26%
MAY	8,895,566.19			
JUNE	9,384,683.67			
<b>TOTAL:</b>	<b>\$ 105,300,000.00</b>	<b>\$ 91,392,874.31</b>	<b>\$ 4,373,124.17</b>	<b>5.03%</b>

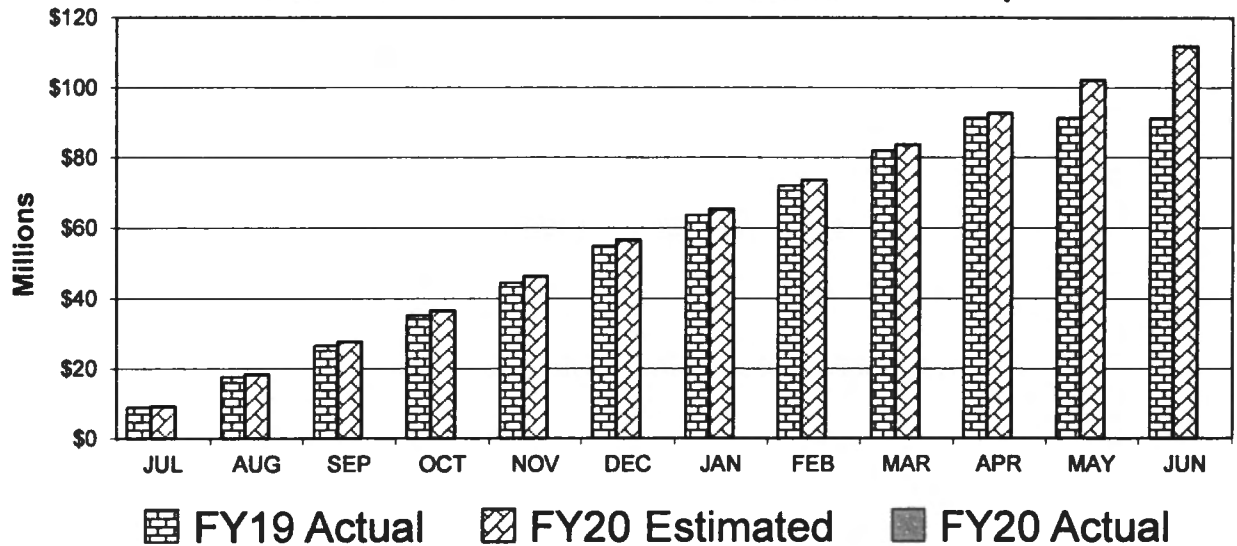
**Estimated vs Actual Cumulative Sales Tax Receipts**



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

MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE (as approved April 11, 2019)	ACTUAL SALES TAX REVENUES	DIFFERENCE OVER/(UNDER) ESTIMATE	PERCENT +/- FROM ESTIMATE
JULY	\$ 9,165,429.12			
AUGUST	9,147,312.43			
SEPTEMBER	9,351,437.62			
OCTOBER	8,978,773.95			
NOVEMBER	9,720,995.41			
DECEMBER	10,288,967.62			
JANUARY	8,654,068.05			
FEBRUARY	8,256,976.72			
MARCH	10,121,264.69			
APRIL	9,108,670.68			
MAY	9,408,410.30			
JUNE	9,697,693.41			
<b>TOTAL:</b>	<b>\$ 111,900,000.00</b>	<b>\$ -</b>	<b>\$ -</b>	

**Estimated vs Actual Cumulative Sales Tax Receipts**



**Schedule of Monthly Expenditures - Summary**  
**Fund 2860 - Operating Fund**  
**6/1/2019 to 6/30/2019**

<u>Fiscal Year</u>	<u>Account #</u>	<u>Account Name</u>	<u>Amount</u>
2019	61*/62*	Salaries and Benefits	249,771.96
	630000	Other Professional Services	111,866.23
	635000	Pro Svcs-Legal	980.00
	640310	R & M-Facilities	25,861.54
	640320	R & M-Equipment	2,703.37
	640340	R & M-Vehicles	2,170.67
	644610	Information System Services	1,379.46
	645000	Other Insurance	9,019.82
	646100	Telephone-Local	832.38
	646110	Telephone-Long Distance	17.27
	646120	Cell Phones/Beepers	348.35
	648100	Printing/Reproduction	1,324.93
	649000	Other Travel	63.57
	649100	Airfare	93.00
	649200	Lodging	642.12
	649400	Meals	197.00
	649500	Registration/Training	310.00
	663000	Operating Supplies	43,589.15
	663400	Office Supplies	779.78
	663420	Computer Software	288.77
	663500	Wearing Apparel	38.28
	663610	Computers & Supplies	392.41
	670100	Electricity	3,519.18
	670500	Disposal	451.12
	679220	Software Licenses	16,703.50
	679300	Dues	1,064.00
	679600	Postage	25.80
	680400	Capital Outlay-Equipment-Mod Accrual	13,675.00
		<b>Fiscal Year Total</b>	<b>\$488,108.66</b>
		<b>Grand Total</b>	<b>\$488,108.66</b>

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

BEGINNING CASH BALANCE:	\$ 8,539,321.07	
Accruals/Adjustments	-	
	<hr/>	
TOTAL BEGINNING CASH BALANCE:		\$ 8,539,321.07
REVENUES:		
Interest Income	-	
Fund 2860 - Transfer In Maintenance Work Program	1,000,000.00	
Miscellaneous Other Revenue/Adjustments	-	
	<hr/>	
TOTAL MONTHLY REVENUES		\$ 1,000,000.00
EXPENDITURES:		
Services & Supplies	-	
Maintenance Work Program Expenditures	(1,456,000.27)	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	-	
Contract Retention Payable	13,888.08	
Contract Retention Interest Payable	-	
Accounts Payable	-	
	<hr/>	
TOTAL MONTHLY EXPENSES		<u>\$ (1,442,112.19)</u>
ENDING CASH BALANCE:		<u><u>\$ 8,097,208.88</u></u>

**Regional Flood Control District  
 Monthly Expenditures  
 Maintenance Work Program  
 6/1/2019 to 6/30/2019**

**Fiscal Year - 2019**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CAPRIATI CONSTRUCTION CORP INC	RF.HN65	HN65-15#2	04/30/2019	4500293578	06/06/2019	\$277,761.69
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN66	I7125001	05/06/2019	4500293329	06/03/2019	\$3,216.25
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN66	I7147401	05/06/2019	4500293329	06/03/2019	\$382.00
CH2M HILL ENGINEERS INC	RF.HN65	682375CH02 0B	03/31/2019	none	06/20/2019	\$5,717.28
CH2M HILL ENGINEERS INC	RF.HN66	682375CH02 0B	03/31/2019	none	06/20/2019	\$3,818.18
CH2M HILL ENGINEERS INC	RF.HN67	682375CH02 0	03/31/2019	4500286837	06/20/2019	\$1,000.00
CH2M HILL ENGINEERS INC	RF.HN67	682375CH02 0B	03/31/2019	none	06/20/2019	\$909.09
CH2M HILL ENGINEERS INC	RF.HN69	682375CH02 0B	03/31/2019	none	06/20/2019	\$1,919.09
CH2M HILL ENGINEERS INC	RF.HN71	682375CH02 0B	03/31/2019	none	06/20/2019	\$3,818.18
CH2M HILL ENGINEERS INC	RF.HN72	682375CH02 0B	03/31/2019	none	06/20/2019	\$3,818.18
CITY OF HENDERSON	RF.HN65	MSC5031320	05/20/2019	4500286838	06/03/2019	\$15,286.81
CITY OF HENDERSON	RF.HN65	MSC5031398	06/12/2019	4500286838	06/19/2019	\$14,165.63
CITY OF HENDERSON	RF.HN65	MSC5031426	06/17/2019	4500286838	06/21/2019	\$5,610.20
CITY OF HENDERSON	RF.HN65	MSC5031437	06/17/2019	4500286838	06/27/2019	\$14,839.69
CITY OF HENDERSON	RF.HN66	MSC5031320	05/20/2019	4500286838	06/03/2019	\$1,912.06
CITY OF HENDERSON	RF.HN66	MSC5031331	05/23/2019	4500286838	06/03/2019	\$5,053.95
CITY OF HENDERSON	RF.HN66	MSC5031398	06/12/2019	4500286838	06/19/2019	\$267.36
CITY OF HENDERSON	RF.HN66	MSC5031398	06/12/2019	4500286838	06/19/2019	\$792.70
CITY OF HENDERSON	RF.HN66	MSC5031398	06/12/2019	4500286838	06/19/2019	\$186.69
CITY OF HENDERSON	RF.HN66	MSC5031398	06/12/2019	4500286838	06/19/2019	\$12,486.38
CITY OF HENDERSON	RF.HN66	MSC5031437	06/17/2019	4500286838	06/27/2019	\$1,796.16
CITY OF HENDERSON	RF.HN67	MSC5031320	05/20/2019	4500286838	06/03/2019	\$2,267.94
CITY OF HENDERSON	RF.HN67	MSC5031398	06/12/2019	4500286838	06/19/2019	\$736.96
CITY OF HENDERSON	RF.HN67	MSC5031398	06/12/2019	4500286838	06/19/2019	\$702.78
CITY OF HENDERSON	RF.HN67	MSC5031398	06/12/2019	4500286838	06/19/2019	\$1,186.22
CITY OF HENDERSON	RF.HN67	MSC5031398	06/12/2019	4500286838	06/19/2019	\$3,743.21
CITY OF HENDERSON	RF.HN67	MSC5031398	06/12/2019	4500286838	06/19/2019	\$5,862.25
CITY OF HENDERSON	RF.HN67	MSC5031398	06/12/2019	4500286838	06/19/2019	\$6,738.91
CITY OF HENDERSON	RF.HN67	MSC5031398	06/12/2019	4500286838	06/19/2019	\$292.58
CITY OF HENDERSON	RF.HN67	MSC5031437	06/17/2019	4500286838	06/27/2019	\$1,774.94
CITY OF HENDERSON	RF.HN68	MSC5031320	05/20/2019	4500286838	06/03/2019	\$2,196.78
CITY OF HENDERSON	RF.HN68	MSC5031398	06/12/2019	4500286838	06/19/2019	\$1,133.76

**Regional Flood Control District  
 Monthly Expenditures  
 Maintenance Work Program  
 6/1/2019 to 6/30/2019**

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CITY OF HENDERSON	RF.HN68	MSC5031437	06/17/2019	4500286838	06/27/2019	\$1,180.85
CITY OF HENDERSON	RF.HN69	MSC5031320	05/20/2019	4500286838	06/03/2019	\$5,987.71
CITY OF HENDERSON	RF.HN69	MSC5031398	06/12/2019	4500286838	06/19/2019	\$170.55
CITY OF HENDERSON	RF.HN69	MSC5031398	06/12/2019	4500286838	06/19/2019	\$3,301.73
CITY OF HENDERSON	RF.HN69	MSC5031398	06/12/2019	4500286838	06/19/2019	\$3,019.26
CITY OF HENDERSON	RF.HN69	MSC5031398	06/12/2019	4500286838	06/19/2019	\$532.90
CITY OF HENDERSON	RF.HN69	MSC5031398	06/12/2019	4500286838	06/19/2019	\$97.29
CITY OF HENDERSON	RF.HN69	MSC5031437	06/17/2019	4500286838	06/27/2019	\$6,098.65
CITY OF HENDERSON	RF.HN70	MSC5031320	05/20/2019	4500286838	06/03/2019	\$1,342.63
CITY OF HENDERSON	RF.HN70	MSC5031398	06/12/2019	4500286838	06/19/2019	\$850.32
CITY OF HENDERSON	RF.HN70	MSC5031398	06/12/2019	4500286838	06/19/2019	\$267.36
CITY OF HENDERSON	RF.HN70	MSC5031437	06/17/2019	4500286838	06/27/2019	\$953.52
CITY OF HENDERSON	RF.HN71	MSC5031320	05/20/2019	4500286838	06/03/2019	\$1,057.93
CITY OF HENDERSON	RF.HN71	MSC5031331	05/23/2019	4500286838	06/03/2019	\$898.80
CITY OF HENDERSON	RF.HN71	MSC5031398	06/12/2019	4500286838	06/19/2019	\$1,782.42
CITY OF HENDERSON	RF.HN71	MSC5031437	06/17/2019	4500286838	06/27/2019	\$1,134.29
CITY OF HENDERSON	RF.HN72	MSC5031320	05/20/2019	4500286838	06/03/2019	\$986.75
CITY OF HENDERSON	RF.HN72	MSC5031398	06/12/2019	4500286838	06/19/2019	\$1,087.91
CITY OF HENDERSON	RF.HN72	MSC5031398	06/12/2019	4500286838	06/19/2019	\$495.08
CITY OF HENDERSON	RF.HN72	MSC5031398	06/12/2019	4500286838	06/19/2019	\$127.76
CITY OF HENDERSON	RF.HN72	MSC5031398	06/12/2019	4500286838	06/19/2019	\$1,278.17
CITY OF HENDERSON	RF.HN72	MSC5031437	06/17/2019	4500286838	06/27/2019	\$882.29
CITY OF HENDERSON	RF.HN73	MSC5031320	05/20/2019	4500286838	06/03/2019	\$773.24
CITY OF HENDERSON	RF.HN73	MSC5031437	06/17/2019	4500286838	06/27/2019	\$608.53
CITY OF LAS VEGAS	RF.LV51	283377	06/12/2019	4500289796	06/28/2019	\$2,417.24
CITY OF LAS VEGAS	RF.LV52	283377	06/12/2019	4500289796	06/28/2019	\$49,892.74
CITY OF LAS VEGAS	RF.LV52	283377	06/12/2019	4500289796	06/28/2019	\$120,368.19
CITY OF LAS VEGAS	RF.LV52	283377	06/12/2019	4500289796	06/28/2019	\$123,022.19
CITY OF LAS VEGAS	RF.LV52	283377	06/12/2019	4500289796	06/28/2019	\$5,795.78
CITY OF LAS VEGAS	RF.LV53	283377	06/12/2019	4500289796	06/28/2019	\$3,686.90
CITY OF LAS VEGAS	RF.LV54	283377	06/12/2019	4500289796	06/28/2019	\$948.20
CITY OF LAS VEGAS	RF.LV54	283377	06/12/2019	4500289796	06/28/2019	\$3,905.21
CITY OF LAS VEGAS	RF.LV55	283377	06/12/2019	4500289796	06/28/2019	\$270.17
CITY OF LAS VEGAS	RF.LV56	283377	06/12/2019	4500289796	06/28/2019	\$3,058.44
CITY OF LAS VEGAS	RF.LV57	283377	06/12/2019	4500289796	06/28/2019	\$4,355.40
CITY OF LAS VEGAS	RF.LV57	283377	06/12/2019	4500289796	06/28/2019	\$10,862.67
CITY OF NORTH LAS VEGAS	RF.NL01	352926	05/28/2019	4500286117	06/03/2019	\$1,007.84

**Regional Flood Control District  
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CITY OF NORTH LAS VEGAS	RF.NL02	352926	05/28/2019	4500286117	06/03/2019	\$445.39
CITY OF NORTH LAS VEGAS	RF.NL02	352926	05/28/2019	4500286117	06/03/2019	\$1,123.50
CITY OF NORTH LAS VEGAS	RF.NL02	352926	05/28/2019	4500286117	06/03/2019	\$2,626.48
CITY OF NORTH LAS VEGAS	RF.NL03	352926	05/28/2019	4500286117	06/03/2019	\$10,724.15
CITY OF NORTH LAS VEGAS	RF.NL03	352926	05/28/2019	4500286117	06/03/2019	\$415.34
CITY OF NORTH LAS VEGAS	RF.NL04	352926	05/28/2019	4500286117	06/03/2019	\$179.52
CITY OF NORTH LAS VEGAS	RF.NL04	352926	05/28/2019	4500286117	06/03/2019	\$876.20
CITY OF NORTH LAS VEGAS	RF.NL05	352926	05/28/2019	4500286117	06/03/2019	\$179.52
CITY OF NORTH LAS VEGAS	RF.NL05	352926	05/28/2019	4500286117	06/03/2019	\$1,271.29
CITY OF NORTH LAS VEGAS	RF.NL06	352926	05/28/2019	4500286117	06/03/2019	\$1,987.30
CITY OF NORTH LAS VEGAS	RF.NL07	352926	05/28/2019	4500286117	06/03/2019	\$179.52
CITY OF NORTH LAS VEGAS	RF.NL07	352926	05/28/2019	4500286117	06/03/2019	\$69,441.24
CITY OF NORTH LAS VEGAS	RF.NL07	352926	05/28/2019	4500286117	06/03/2019	\$657.15
CITY OF NORTH LAS VEGAS	RF.NL08	352926	05/28/2019	4500286117	06/03/2019	\$179.52
CITY OF NORTH LAS VEGAS	RF.NL10	352926	05/28/2019	4500286117	06/03/2019	\$2,578.96
CITY OF NORTH LAS VEGAS	RF.NL11	352926	05/28/2019	4500286117	06/03/2019	\$179.52
CITY OF NORTH LAS VEGAS	RF.NL12	352926	05/28/2019	4500286117	06/03/2019	\$179.52
CITY OF NORTH LAS VEGAS	RF.NL12	352926	05/28/2019	4500286117	06/03/2019	\$73,130.50
CITY OF NORTH LAS VEGAS	RF.NL12	352926	05/28/2019	4500286117	06/03/2019	\$2,658.35
CITY OF NORTH LAS VEGAS	RF.NL12	352926	05/28/2019	4500286117	06/03/2019	\$357.96
CITY OF NORTH LAS VEGAS	RF.NL13	352926	05/28/2019	4500286117	06/03/2019	\$1,987.83
CITY OF NORTH LAS VEGAS	RF.NL13	352926	05/28/2019	4500286117	06/03/2019	\$1,845.36
CITY OF NORTH LAS VEGAS	RF.NL14	352926	05/28/2019	4500286117	06/03/2019	\$359.04
CITY OF NORTH LAS VEGAS	RF.NL14	352926	05/28/2019	4500286117	06/03/2019	\$741.15
CITY OF NORTH LAS VEGAS	RF.NL14	352926	05/28/2019	4500286117	06/03/2019	\$814.67
CITY OF NORTH LAS VEGAS	RF.NL15	352926	05/28/2019	4500286117	06/03/2019	\$89.76
CITY OF NORTH LAS VEGAS	RF.NL15	352926	05/28/2019	4500286117	06/03/2019	\$4,823.03
CITY OF NORTH LAS VEGAS	RF.NL16	352926	05/28/2019	4500286117	06/03/2019	\$209.68
CITY OF NORTH LAS VEGAS	RF.NL16	352926	05/28/2019	4500286117	06/03/2019	\$993.65
CITY OF NORTH LAS VEGAS	RF.NL17	352926	05/28/2019	4500286117	06/03/2019	\$179.52
L R NELSON CONSULTING ENGINEERS	RF.HN65	8-010B	05/15/2019	4500286848	06/19/2019	\$1,284.00
LAS VEGAS PAVING CORP	RF.HN65	257809	04/01/2019	none	06/20/2019	\$156.88
LAS VEGAS PAVING CORP	RF.HN69	265949	06/10/2019	none	06/20/2019	\$389.76
PUBLIC WORKS/CC TREAS	RF.CC03	4019000134	06/30/2019	none	06/30/2019	\$400.00
PUBLIC WORKS/CC TREAS	RF.CC05	1519149761	06/25/2019	none	06/26/2019	\$24,847.62
PUBLIC WORKS/CC TREAS	RF.CC05	1519149761	06/25/2019	none	06/26/2019	\$957.44

**Regional Flood Control District  
 Monthly Expenditures  
 Maintenance Work Program  
 6/1/2019 to 6/30/2019**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
PUBLIC WORKS/CC TREAS	RF.CC05	1519149761	06/25/2019	none	06/26/2019	\$3,129.87
PUBLIC WORKS/CC TREAS	RF.CC05	1519149761	06/25/2019	none	06/26/2019	\$105,531.48
PUBLIC WORKS/CC TREAS	RF.CC05	1519149761	06/25/2019	none	06/26/2019	\$111,946.69
PUBLIC WORKS/CC TREAS	RF.CC05	1519149761	06/25/2019	none	06/26/2019	\$13,342.23
PUBLIC WORKS/CC TREAS	RF.CC05	4019000135	06/30/2019	none	06/30/2019	\$210,125.58
PUBLIC WORKS/CC TREAS	RF.CC05	4019000136	06/30/2019	none	06/30/2019	\$1,347.18
PUBLIC WORKS/CC TREAS	RF.CC06	4019000137	06/30/2019	none	06/30/2019	\$850.00
PUBLIC WORKS/CC TREAS	RF.CC08	1519149761	06/25/2019	none	06/26/2019	\$1,250.55
PUBLIC WORKS/CC TREAS	RF.CC08	4019000138	06/30/2019	none	06/30/2019	\$33,125.56
<b>Total Expenditures</b>						<u><b>\$1,456,000.27</b></u>
<b>Grand Total</b>						<u><u><b>\$1,456,000.27</b></u></u>



**Regional Flood Control District**

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

**Boulder City**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.BC01	Hemenway Watershed	\$182,000.00	\$69,830.83	\$112,169.17
RF.BC02	Georgia/Buchanan Watershed	\$65,000.00	\$4,401.94	\$60,598.06
RF.BC03	North Railroad Watershed	\$20,000.00	\$9,485.90	\$10,514.10
RF.BC04	West Airport Watershed	\$33,000.00	\$1,209.01	\$31,790.99
		<u>\$300,000.00</u>	<u>\$84,927.68</u>	<u>\$215,072.32</u>

**Clark County**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.CC01	Flamingo Wash	\$881,500.00	\$392,569.18	\$488,930.82
RF.CC02	Las Vegas Wash	\$313,000.00	\$151,497.51	\$161,502.49
RF.CC03	Duck Creek	\$475,500.00	\$369,945.22	\$105,554.78
RF.CC05	Las Vegas Range Wash	\$2,609,500.00	\$1,599,582.62	\$1,009,917.38
RF.CC06	Tropicana Wash	\$265,000.00	\$97,104.69	\$167,895.31
RF.CC07	Airport Channel	\$48,500.00	\$19,341.91	\$29,158.09
RF.CC08	Monson Channel	\$1,854,700.00	\$85,750.11	\$1,768,949.89
RF.CC09	Rawhide Channel	\$63,500.00	\$5,930.44	\$57,569.56
RF.CC10	Van Buskirk Channel	\$37,000.00	\$23,597.13	\$13,402.87
RF.CC11	Flamingo Wash North Fork	\$45,000.00	\$7,946.68	\$37,053.32
RF.CC14	Laughlin Washes	\$69,500.00	\$43,288.75	\$26,211.25
RF.CC15	Moapa Valley	\$70,500.00	\$617.66	\$69,882.34
RF.CC16	Blue Diamond Wash	\$147,500.00	\$53,579.01	\$93,920.99
RF.CC17	Searchlight	\$7,500.00	\$157.39	\$7,342.61
RF.CC18	Bunkerville	\$14,500.00	\$1,884.26	\$12,615.74
RF.CC19	Pittman Wash	\$41,500.00	\$21,136.96	\$20,363.04
RF.CC20	Indian Springs	\$13,500.00	\$919.78	\$12,580.22
RF.CC21	Northern Beltway Channels	\$34,000.00	\$13,556.82	\$20,443.18
		<u>\$6,991,700.00</u>	<u>\$2,888,406.12</u>	<u>\$4,103,293.88</u>

**Henderson**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN65	C1 North	\$1,061,010.25	\$940,098.20	\$120,912.05
RF.HN66	C1 South	\$438,796.71	\$437,289.21	\$1,507.50
RF.HN67	Pittman Central NE	\$63,659.32	\$63,659.32	\$0.00
RF.HN68	Pittman Central SE	\$33,204.37	\$27,383.72	\$5,820.65
RF.HN69	Pittman Central NW	\$411,659.15	\$391,994.63	\$19,664.52
RF.HN70	Pittman Central SW	\$18,460.67	\$18,460.67	\$0.00
RF.HN71	Pittman Anthem Inspirada	\$39,321.21	\$40,630.42	(\$1,309.21)
RF.HN72	Pittman Seven Hills	\$37,979.49	\$37,979.48	\$0.01
RF.HN73	Pittman West Henderson	\$8,908.83	\$8,908.83	\$0.00
		<u>\$2,113,000.00</u>	<u>\$1,966,404.48</u>	<u>\$146,595.52</u>

**Las Vegas**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV51	Cedar Ave Channel/Nellis System	\$100,000.00	\$37,982.32	\$62,017.68
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$700,000.00	\$834,771.14	(\$134,771.14)
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	\$100,000.00	\$32,733.51	\$67,266.49

## Regional Flood Control District

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

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV54	Las Vegas Wash System	\$700,000.00	\$406,517.37	\$293,482.63
RF.LV55	Meadows/Oakey System	\$100,000.00	\$22,040.88	\$77,959.12
RF.LV56	Washington Ave/LV Creek	\$225,000.00	\$11,002.89	\$213,997.11
RF.LV57	US95/Outer Beltway/Ann Road System	\$900,000.00	\$512,355.22	\$387,644.78
		<u>\$2,825,000.00</u>	<u>\$1,857,403.33</u>	<u>\$967,596.67</u>

#### Mesquite

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.ME01	Mesquite Town Wash	\$19,000.00	\$10,537.84	\$8,462.16
RF.ME02	Abbott Wash Channel	\$14,300.00	\$1,395.16	\$12,904.84
RF.ME04	Town Wash Detention Basin	\$292,400.00	\$92,435.53	\$199,964.47
RF.ME07	Pulsipher Wash	\$29,400.00	\$7,604.28	\$21,795.72
RF.ME08	Abbott Wash Detention Basin	\$60,000.00	\$24,243.02	\$35,756.98
RF.ME09	Pulsipher Wash Detention Basin	\$29,700.00	\$11,174.98	\$18,525.02
		<u>\$444,800.00</u>	<u>\$147,390.81</u>	<u>\$297,409.19</u>

#### North Las Vegas

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.NL01	LV Wash "N" Channel	\$20,575.00	\$17,281.82	\$3,293.18
RF.NL02	Las Vegas Wash-Middle	\$91,787.40	\$89,643.01	\$2,144.39
RF.NL03	LV Wash-King Charles Channel	\$24,231.81	\$24,039.46	\$192.35
RF.NL04	Vandenberg Detention Basin	\$72,374.73	\$66,865.17	\$5,509.56
RF.NL05	North Las Vegas Detention Basin	\$9,985.65	\$5,143.72	\$4,841.93
RF.NL06	Upper LVW DB & Moccasin Levee	\$287,842.42	\$286,632.08	\$1,210.34
RF.NL07	Carey/Lake Mead Detention Basin	\$457,129.06	\$457,129.06	\$0.00
RF.NL08	Gowan Outfall Channel	\$14,194.01	\$7,689.23	\$6,504.78
RF.NL10	Upper Las Vegas Wash	\$10,000.00	\$9,023.03	\$976.97
RF.NL11	Clayton Street Channel	\$18,369.14	\$10,933.80	\$7,435.34
RF.NL12	Lower Las Vegas Detention Basin	\$378,083.23	\$377,934.74	\$148.49
RF.NL13	West Trib-Ranch House to Lower LV DB	\$49,072.86	\$49,010.35	\$62.51
RF.NL14	Trib to Western Trib @ Craig Rd	\$25,687.22	\$11,585.98	\$14,101.24
RF.NL15	Las Vegas Wash-Smoke Ranch	\$11,748.45	\$11,482.68	\$265.77
RF.NL16	Upper Las Vegas Wash Channel	\$21,929.79	\$21,929.79	\$0.00
RF.NL17	Range Wash-LVW Diversion & Levee	\$300,797.19	\$300,797.19	\$0.00
RF.NL18	Cheyenne Peaking Basin	\$23,692.04	\$21,246.10	\$2,445.94
		<u>\$1,817,500.00</u>	<u>\$1,768,367.21</u>	<u>\$49,132.79</u>

<b>Program Total</b>	<u><u>\$14,492,000.00</u></u>	<u><u>\$8,712,899.63</u></u>	<u><u>\$5,779,100.37</u></u>
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**Regional Flood Control District  
Maintenance Work Program Status Report - Fiscal Year2020**

**Boulder City**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.BC01	Hemenway Watershed	\$238,500.00	\$0.00	\$238,500.00
RF.BC02	Georgia/Buchanan Watershed	\$95,350.00	\$0.00	\$95,350.00
RF.BC03	North Railroad Watershed	\$31,150.00	\$0.00	\$31,150.00
RF.BC04	West Airport Watershed	\$35,000.00	\$0.00	\$35,000.00
		<b>\$400,000.00</b>	<b>\$0.00</b>	<b>\$400,000.00</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	\$600,000.00	\$0.00	\$600,000.00
RF.CC02	Las Vegas Wash	\$300,000.00	\$0.00	\$300,000.00
RF.CC03	Duck Creek	\$455,500.00	\$0.00	\$455,500.00
RF.CC05	Las Vegas Range Wash	\$400,000.00	\$0.00	\$400,000.00
RF.CC06	Tropicana Wash	\$200,000.00	\$0.00	\$200,000.00
RF.CC07	Airport Channel	\$35,000.00	\$0.00	\$35,000.00
RF.CC08	Monson Channel	\$1,854,700.00	\$0.00	\$1,854,700.00
RF.CC09	Rawhide Channel	\$40,000.00	\$0.00	\$40,000.00
RF.CC10	Van Buskirk Channel	\$37,000.00	\$0.00	\$37,000.00
RF.CC11	Flamingo Wash North Fork	\$20,000.00	\$0.00	\$20,000.00
RF.CC14	Laughlin Washes	\$39,500.00	\$0.00	\$39,500.00
RF.CC15	Moapa Valley	\$90,000.00	\$0.00	\$90,000.00
RF.CC16	Blue Diamond Wash	\$100,000.00	\$0.00	\$100,000.00
RF.CC17	Searchlight	\$7,500.00	\$0.00	\$7,500.00
RF.CC18	Bunkerville	\$10,000.00	\$0.00	\$10,000.00
RF.CC19	Pittman Wash	\$41,500.00	\$0.00	\$41,500.00
RF.CC20	Indian Springs	\$10,000.00	\$0.00	\$10,000.00
RF.CC21	Northern Beltway Channels	\$34,000.00	\$0.00	\$34,000.00
		<b>\$4,274,700.00</b>	<b>\$0.00</b>	<b>\$4,274,700.00</b>

**Henderson**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN65	C1 North	\$363,500.00	\$0.00	\$363,500.00
RF.HN66	C1 South	\$278,000.00	\$0.00	\$278,000.00
RF.HN67	Pittman Central NE	\$144,300.00	\$0.00	\$144,300.00
RF.HN68	Pittman Central SE	\$632,500.00	\$0.00	\$632,500.00
RF.HN69	Pittman Central NW	\$482,000.00	\$0.00	\$482,000.00
RF.HN70	Pittman Central SW	\$80,000.00	\$0.00	\$80,000.00
RF.HN71	Pittman Anthem Inspirada	\$112,900.00	\$0.00	\$112,900.00
RF.HN72	Pittman Seven Hills	\$114,000.00	\$0.00	\$114,000.00
RF.HN73	Pittman West Henderson	\$43,500.00	\$0.00	\$43,500.00
		<b>\$2,250,700.00</b>	<b>\$0.00</b>	<b>\$2,250,700.00</b>

**Las Vegas**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV51	Cedar Ave Channel/Nellis System	\$100,000.00	\$0.00	\$100,000.00
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$700,000.00	\$0.00	\$700,000.00
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	\$100,000.00	\$0.00	\$100,000.00

**Regional Flood Control District**

**Maintenance Work Program Status Report - Fiscal Year 2020**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV54	Las Vegas Wash System	\$700,000.00	\$0.00	\$700,000.00
RF.LV55	Meadows/Oakey System	\$100,000.00	\$0.00	\$100,000.00
RF.LV56	Washington Ave/LV Creek	\$225,000.00	\$0.00	\$225,000.00
RF.LV57	US95/Outer Beltway/Ann Road System	\$900,000.00	\$0.00	\$900,000.00
		<b>\$2,825,000.00</b>	<b>\$0.00</b>	<b>\$2,825,000.00</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	\$0.00	\$19,000.00
RF.ME02	Abbott Wash Channel	\$14,300.00	\$0.00	\$14,300.00
RF.ME04	Town Wash Detention Basin	\$617,400.00	\$0.00	\$617,400.00
RF.ME07	Pulsipher Wash	\$29,400.00	\$0.00	\$29,400.00
RF.ME08	Abbott Wash Detention Basin	\$60,000.00	\$0.00	\$60,000.00
RF.ME09	Pulsipher Wash Detention Basin	\$29,700.00	\$0.00	\$29,700.00
		<b>\$769,800.00</b>	<b>\$0.00</b>	<b>\$769,800.00</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	\$80,075.00	\$0.00	\$80,075.00
RF.NL02	Las Vegas Wash-Middle	\$177,571.00	\$0.00	\$177,571.00
RF.NL03	LV Wash-King Charles Channel	\$70,071.00	\$0.00	\$70,071.00
RF.NL04	Vandenberg Detention Basin	\$281,144.00	\$0.00	\$281,144.00
RF.NL05	North Las Vegas Detention Basin	\$179,500.00	\$0.00	\$179,500.00
RF.NL06	Upper LVW DB & Moccasin Levee	\$152,500.00	\$0.00	\$152,500.00
RF.NL07	Carey/Lake Mead Detention Basin	\$106,571.00	\$0.00	\$106,571.00
RF.NL08	Gowan Outfall Channel	\$74,071.00	\$0.00	\$74,071.00
RF.NL10	Upper Las Vegas Wash	\$23,000.00	\$0.00	\$23,000.00
RF.NL11	Clayton Street Channel	\$56,071.00	\$0.00	\$56,071.00
RF.NL12	Lower Las Vegas Detention Basin	\$96,571.00	\$0.00	\$96,571.00
RF.NL13	West Trib-Ranch House to Lower LV DB	\$64,571.00	\$0.00	\$64,571.00
RF.NL14	Trib to Western Trib @ Craig Rd	\$66,571.00	\$0.00	\$66,571.00
RF.NL15	Las Vegas Wash-Smoke Ranch	\$53,071.00	\$0.00	\$53,071.00
RF.NL16	Upper Las Vegas Wash Channel	\$99,571.00	\$0.00	\$99,571.00
RF.NL17	Range Wash-LVW Diversion & Levee	\$165,500.00	\$0.00	\$165,500.00
RF.NL18	Cheyenne Peaking Basin	\$88,071.00	\$0.00	\$88,071.00
		<b>\$1,834,500.00</b>	<b>\$0.00</b>	<b>\$1,834,500.00</b>
	<b>Program Total</b>	<b>\$12,354,700.00</b>	<b>\$0.00</b>	<b>\$12,354,700.00</b>

**REGIONAL FLOOD CONTROL DISTRICT  
 FUND 3300 - BOND DEBT SERVICE FUND  
 FUND BALANCE REPORT  
 JUNE 2019**

BEGINNING CASH BALANCE	\$ 12,553,556.57	
Accruals/Adjustments	<u>-</u>	
TOTAL BEGINNING CASH BALANCE		\$ 12,553,556.57
REVENUES:		
Interest Income	-	
Fund 2860 - Transfer In Debt Service	4,294,038.87	
Bonds Issued	-	
Premium on Bonds Issued	-	
Miscellaneous Other Revenue	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	<u>-</u>	
TOTAL MONTHLY REVENUES		\$ 4,294,038.87
EXPENDITURES:		
Professional Services	-	
Debt Service Payments*	-	
Payments to Escrow Agent	-	
Transfers Out to Other Funds	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	<u>(130,930.73)</u>	
TOTAL MONTHLY EXPENSES		\$ <u>(130,930.73)</u>
ENDING CASH BALANCE:		\$ <u><u>16,716,664.71</u></u>

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

**REGIONAL FLOOD CONTROL DISTRICT  
 FUND 4430 - CONSTRUCTION FUND  
 FUND BALANCE REPORT  
 JUNE 2019**

**BEGINNING CASH BALANCE:**

Cash in Custody of Treasurer	\$ 116,157,150.97	
Custodial Account Cash Balance	132,370,365.81	
Accruals/Adjustments	<u>(20,875.98)</u>	
<b>TOTAL BEGINNING CASH BALANCE</b>		<b>\$ 248,506,640.80</b>

**REVENUES:**

Fund 2860 - Transfer In Budgeted Transfer	4,095,000.00	
Fund 3300 - Transfer In Bond Proceeds	-	
Custodial Account - Transfer In to Treasurer	-	
Interest Earnings	-	
Custodial Account Interest Earnings	506,171.21	
Proceeds from Bonds and Loans	-	
Miscellaneous Other Revenue	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	<u>-</u>	
<b>TOTAL MONTHLY REVENUES</b>		<b>\$ 4,601,171.21</b>

**EXPENDITURES:**

Capital Improvement Program	(3,616,090.24)	
Professional Services	-	
Project Reimbursements	-	
Fund 2860 - Transfer Out Interest Earnings	-	
Fund 2860 - Transfer Out ILA Closeout/Reductions	-	
Custodial Account - Transfer Out to Treasurer	-	
Accruals/Adjustments	-	
Contracts Retention Payable	58,433.64	
Contracts Retention Interest Payable	-	
Accounts Payable	-	
Miscellaneous Accruals/Adjustments	<u>-</u>	
<b>TOTAL MONTHLY EXPENDITURES</b>		<b>\$ (3,557,656.60)</b>

**ENDING CASH BALANCE:**

Cash in Custody of Treasurer	116,673,618.39
Custodial Account Cash Balance	<u>132,876,537.02</u>

**ENDING CASH BALANCE:** \$ 249,550,155.41

**Regional Flood Control District  
Monthly Expenditures  
Capital Improvement Program  
6/1/2019 to 6/30/2019**

**Fund 4430**

**Fiscal Year 2019**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CEEC INC	RF.HEN16F17	#12	05/29/2019	4800008797 00010	06/12/2019	\$13,395.00
CITY OF HENDERSON	RF.HEN05E09	MSC5031323	05/20/2019	4800002768 00010	06/03/2019	\$246.86
CITY OF HENDERSON	RF.HEN05E09	MSC5031439	06/17/2019	4800002768 00010	06/27/2019	\$1,089.47
CITY OF HENDERSON	RF.HEN07F18	MSC5031325	05/20/2019	4800008975 00010	06/03/2019	\$2,459.09
CITY OF HENDERSON	RF.HEN07F18	MSC5031442	06/17/2019	4800008975 00010	06/27/2019	\$2,390.49
CITY OF HENDERSON	RF.HEN16A01	MSC5031321	05/20/2019	4800001182 00010	06/03/2019	\$852.27
CITY OF HENDERSON	RF.HEN16A01	MSC5031438	06/17/2019	4800001182 00010	06/27/2019	\$840.54
CITY OF HENDERSON	RF.HEN16F17	MSC5031324	05/20/2019	4800008512 00010	06/03/2019	\$14,281.67
CITY OF HENDERSON	RF.HEN16F17	MSC5031441	06/17/2019	4800008512 00010	06/27/2019	\$17,276.02
CITY OF HENDERSON	RF.HEN05G16	MSC5031322	05/20/2019	4800007531 00010	06/03/2019	\$6,033.17
CITY OF HENDERSON	RF.HEN05G16	MSC5031440	06/17/2019	4800007531 00010	06/27/2019	\$6,206.01
CITY OF LAS VEGAS	RF.LAS16P15	283437	06/12/2019	4800007389 00010	06/28/2019	\$1,866.81
CITY OF LAS VEGAS	RF.LAS16Q18	283403	06/12/2019	4800008811 00010	06/28/2019	\$5,122.27
CITY OF LAS VEGAS	RF.LAS16Q18	283403	06/12/2019	4800008811 00020	06/28/2019	\$205,195.00
CITY OF LAS VEGAS	RF.LAS22S13	283398	06/12/2019	4800005745 00020	06/28/2019	\$463.23
CITY OF LAS VEGAS	RF.LAS22T15	283406	06/12/2019	4800007190 00020	06/28/2019	\$178.62
CITY OF LAS VEGAS	RF.LAS23I17	283438	06/12/2019	4800008135 00010	06/28/2019	\$1,966.93
CITY OF LAS VEGAS	RF.LAS24J15	283417	06/12/2019	4800007189 00010	06/28/2019	\$4,480.24
CITY OF LAS VEGAS	RF.LAS24K17	283405	06/12/2019	4800008331 00010	06/28/2019	\$1,323.90
CITY OF LAS VEGAS	RF.LAS24L17	283401	06/12/2019	4800008446 00010	06/28/2019	\$1,920.90
CITY OF LAS VEGAS	RF.LAS24M17	283402	06/12/2019	4800008554 00010	06/28/2019	\$73,821.81
CITY OF LAS VEGAS	RF.LAS24M17	283402	06/12/2019	4800008554 00020	06/28/2019	\$436,953.00
CITY OF LAS VEGAS	RF.LAS29B15	283399	06/12/2019	4800007391 00010	06/28/2019	\$6,932.57
CITY OF LAS VEGAS	RF.LAS29C16	282017	05/21/2019	4500255470 00010	06/12/2019	\$44,785.38
CITY OF LAS VEGAS	RF.LAS29D17	283439	06/12/2019	4800008455 00010	06/28/2019	\$6,648.31
CITY OF LAS VEGAS	RF.LAS29E18	283400	06/12/2019	4800009097 00010	06/28/2019	\$3,605.12
CITY OF LAS VEGAS	RF.LAS31A17	283404	06/12/2019	4800008684 00010	06/28/2019	\$946.75
CITY OF NORTH LAS VEGAS	RF.NLV03E13	9487	04/23/2019	4800006067 00010	06/11/2019	(\$12,538.86)
CITY OF NORTH LAS VEGAS	RF.NLV03E13	9552	06/12/2019	4800006067 00010	06/26/2019	\$35,858.99
CITY OF NORTH LAS VEGAS	RF.NLV03F17	9558	06/12/2019	4800008161 00010	06/26/2019	\$102.60
CITY OF NORTH LAS VEGAS	RF.NLV03G17	9556	06/12/2019	4800008160 00010	06/26/2019	\$1,749.18
CITY OF NORTH LAS VEGAS	RF.NLV03H17	9529	05/22/2019	4800008676 00010	06/11/2019	\$1,145,860.49
CITY OF NORTH LAS VEGAS	RF.NLV03H17	9529	05/22/2019	4800008676 00020	06/11/2019	\$6,947.82
CITY OF NORTH LAS VEGAS	RF.NLV03H17	9553	06/12/2019	4800008676 00020	06/26/2019	\$7,420.01

**Regional Flood Control District  
Monthly Expenditures  
Capital Improvement Program  
6/1/2019 to 6/30/2019**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF NORTH LAS VEGAS	RF.NLV03I18	9557	06/12/2019	4800008711 00010	06/26/2019	\$121.01
CITY OF NORTH LAS VEGAS	RF.NLV03I18	9557	06/12/2019	4800008711 00020	06/26/2019	\$14,689.20
CITY OF NORTH LAS VEGAS	RF.NLV04K17	9559	06/12/2019	4800008195 00010	06/26/2019	\$18,463.30
CITY OF NORTH LAS VEGAS	RF.NLV09E11	9550	06/12/2019	4800004139 00020	06/26/2019	\$857.27
CITY OF NORTH LAS VEGAS	RF.NLV09E11	9550	06/12/2019	4800004139 00030	06/26/2019	\$36,458.62
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9551	06/12/2019	4800006141 00010	06/26/2019	\$8,679.54
CITY OF NORTH LAS VEGAS	RF.NLV09I13	9551	06/12/2019	4800006141 00030	06/26/2019	\$691.03
CITY OF NORTH LAS VEGAS	RF.NLV17C16	9554	06/12/2019	4800007933 00010	06/26/2019	\$2,683.97
CITY OF NORTH LAS VEGAS	RF.NLV17D18	9555	06/12/2019	4800009056 00020	06/26/2019	\$375.28
FISHER SAND & GRAVEL CO	RF.HEN16F17	HEN16F17#11	05/31/2019	4800008656 00010	06/20/2019	\$1,168,672.80
GEOTEK INC	RF.HEN16F17	58146	04/30/2019	4800008718 00010	06/27/2019	\$19,261.00
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1519147311	06/19/2019	none	06/19/2019	\$46,901.52
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1519140147	06/04/2019	none	06/04/2019	\$25,213.76
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1519140148	06/04/2019	none	06/04/2019	\$29,854.01
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1519140159	06/04/2019	none	06/04/2019	\$81,044.79
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1519150756	06/26/2019	none	06/26/2019	\$65,784.99
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1519147310	06/19/2019	none	06/19/2019	\$42,272.73
REGIONAL FLOOD CONTROL	RF.CLA19D03	1019071409	06/21/2019	none	06/24/2019	\$231.56
VTN NEVADA	RF.HEN16A01	7520#61	02/10/2019	4800006059 00020	06/03/2019	\$750.00
VTN NEVADA	RF.HEN16A01	7520#61	02/10/2019	4800006059 00030	06/03/2019	\$1,062.20
VTN NEVADA	RF.HEN16A01	7520#62	03/10/2019	4800006059 00020	06/03/2019	\$1,950.00
VTN NEVADA	RF.HEN16A01	7520#62	03/10/2019	4800006059 00030	06/03/2019	\$540.00
VTN NEVADA	RF.HEN16A01	7520#64	05/15/2019	4800006059 00020	06/12/2019	\$2,850.00
<b>Fiscal Year Total</b>						<b>\$3,616,090.24</b>
<b>Fund Total</b>						<b>\$3,616,090.24</b>



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

BEGINNING CASH BALANCE:	\$ 10,027,693.45	
Accruals/Adjustments	<u>-</u>	
TOTAL BEGINNING CASH BALANCE		\$ 10,027,693.45
REVENUES:		
Interest Income	-	
Proceeds from Bonds and Loans	-	
Other	<u>231.56</u>	
TOTAL MONTHLY REVENUES		\$ 231.56
EXPENDITURES:		
Capital Improvement Program	-	
Professional Services	-	
Project Reimbursements	-	
Fund 4430 - Transfer Out Reallocated Expenses	-	
Accruals/Adjustments		
Contracts Retention Payable	-	
Contracts Retention Interest Payable	-	
Accounts Payable	-	
Miscellaneous Accruals/Adjustments	<u>-</u>	
TOTAL MONTHLY EXPENDITURES		\$ <u>-</u>
ENDING CASH BALANCE:		<u><u>\$ 10,027,925.01</u></u>

**Regional Flood Control District  
 Monthly Expenditures  
 Capital Improvement Program  
 6/1/2019 to 6/30/2019**

**Fund 4440**

**Fiscal Year 2019**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
REGIONAL FLOOD CONTROL	RF.CLA19D03	1019071409	06/21/2019	none	06/24/2019	(S231.56)
<b>Fiscal Year Total</b>						<b>(S231.56)</b>
<b>Fund Total</b>						<b>(S231.56)</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 01/14/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$730,000.00	\$637,957.27	\$92,042.73
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$7,726.67	\$7,273.33
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$745,000.00</b>	<b>\$645,683.94</b>	<b>\$99,316.06</b>

**BOU01D17**

**Hemenway System, Phase IIA Improvements**

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

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

**Expiration Date 02/09/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,200,000.00	\$2,097,672.44	\$102,327.56
Const Engineering	\$295,000.00	\$285,260.72	\$9,739.28
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,495,000.00</b>	<b>\$2,382,933.16</b>	<b>\$112,066.84</b>

**BOU05J10**

**North Railroad Conveyance**

**Interlocal Amount \$530,000.00**

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

**Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$515,000.00	\$501,735.55	\$13,264.45
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$7,726.67	\$7,273.33
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$530,000.00</b>	<b>\$509,462.22</b>	<b>\$20,537.78</b>

## Current Project Expense Summary

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

**BOU05M18**

**North Railroad Conveyance, Phase II**

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

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

**Expiration Date 06/28/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,585,420.00	\$2,157,822.52	\$427,597.48
Const Engineering	\$258,542.00	\$212,236.15	\$46,305.85
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,843,962.00</b>	<b>\$2,370,058.67</b>	<b>\$473,903.33</b>

**ENTITY: Clark County**

**CLA04E99**

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

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

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$741,500.00	\$647,169.58	\$94,330.42
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,877,500.00	\$1,591,417.58	\$286,082.42
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$339,000.00	\$315,950.17	\$23,049.83
Other	\$22,000.00	\$17,086.99	\$4,913.01
<b>Total</b>	<b>\$2,980,000.00</b>	<b>\$2,571,624.32</b>	<b>\$408,375.68</b>

## Current Project Expense Summary

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

**CLA04Y19**

Flamingo Wash, Maryland Pkwy to Palos Verdes Street  
Interlocal Amount \$535,000.00

Original Funding Date 04/11/2019  
Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$500,000.00	\$0.00	\$500,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$535,000.00</b>	<b>\$0.00</b>	<b>\$535,000.00</b>

**CLA08R13**

Duck Creek, Las Vegas Boulevard  
Interlocal Amount \$485,000.00

Original Funding Date 09/12/2013  
Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$22,000.00	\$20,147.60	\$1,852.40
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$463,000.00	\$378,113.81	\$84,886.19
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$485,000.00</b>	<b>\$398,261.41</b>	<b>\$86,738.59</b>

**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	\$25,819.64	\$5,180.36
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,248,000.00	\$919,316.78	\$328,683.22
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$81,000.00	\$33,999.86	\$47,000.14
Other	\$10,000.00	\$0.00	\$10,000.00
<b>Total</b>	<b>\$1,370,000.00</b>	<b>\$979,136.28</b>	<b>\$390,863.72</b>

## Current Project Expense Summary

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

**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>

**CLA10H13**

**Airport Channel - Naples**  
**Interlocal Amount \$1,200,000.00**

**Original Funding Date 09/12/2013**  
**Expiration Date 06/30/2023**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$1,088.00	\$912.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,151,000.00	\$528,092.50	\$622,907.50
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$47,000.00	\$17,782.00	\$29,218.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,200,000.00</b>	<b>\$546,962.50</b>	<b>\$653,037.50</b>

**CLA10I19**

**Wagon Trail Chnl, Sunset Rd to Teco Avenue**  
**Interlocal Amount \$318,800.00**

**Original Funding Date 04/11/2019**  
**Expiration Date 06/30/2024**

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

## Current Project Expense Summary

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

**CLA15D12**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$22,000.00	\$15,037.29	\$6,962.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$5,446,000.00	\$5,052,255.63	\$393,744.37
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$220,000.00	\$97,199.74	\$122,800.26
Other	\$634,000.00	\$550,857.73	\$83,142.27
<b>Total</b>	<b>\$6,322,000.00</b>	<b>\$5,715,350.39</b>	<b>\$606,649.61</b>

**CLA16O19**

**Blue Diamond Wash, Arville Street to I-15**  
**Interlocal Amount \$435,000.00**

**Original Funding Date 04/11/2019**  
**Expiration Date 06/30/2024**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$400,000.00	\$0.00	\$400,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$435,000.00</b>	<b>\$0.00</b>	<b>\$435,000.00</b>

**CLA21A00**

**Orchard Detention Basin**  
**Interlocal Amount \$1,799,700.00**

**Original Funding Date 07/13/2000**  
**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$448,000.00	\$382,123.56	\$65,876.44
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,073,000.00	\$890,891.83	\$182,108.17
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$251,900.00	\$177,502.62	\$74,397.38
Other	\$26,800.00	\$20,081.83	\$6,718.17
<b>Total</b>	<b>\$1,799,700.00</b>	<b>\$1,470,599.84</b>	<b>\$329,100.16</b>

## Current Project Expense Summary

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

**CLA28D18**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,391,000.00	\$0.00	\$3,391,000.00
Const Engineering	\$374,000.00	\$20,290.31	\$353,709.69
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,765,000.00</b>	<b>\$20,290.31</b>	<b>\$3,744,709.69</b>

**CLA36A18**

**Jim McGaughey DB, Collection Basin and Outfall**  
**Interlocal Amount \$3,382,870.00**

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000,000.00	\$0.00	\$2,000,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,382,870.00	\$276,836.47	\$1,106,033.53
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>\$3,382,870.00</b>	<b>\$276,836.47</b>	<b>\$3,106,033.53</b>

**CLA39A19**

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

**Original Funding Date 04/11/2019**  
**Expiration Date 06/30/2024**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$18,000.00	\$0.00	\$18,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$400,000.00	\$0.00	\$400,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$453,000.00</b>	<b>\$0.00</b>	<b>\$453,000.00</b>



## Current Project Expense Summary

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

ENTITY: Clark County Outlying

BUN01D11

Windmill Wash Detention Basin Expansion

Interlocal Amount \$880,000.00

Original Funding Date 02/10/2011

Expiration Date 06/30/2021

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

GSP01B10

Goodsprings - Phase I

Interlocal Amount \$83,400.00

Original Funding Date 03/11/2010

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$57,500.00	\$50,397.24	\$7,102.76
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$25,400.00	\$19,668.97	\$5,731.03
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$500.00	\$0.00	\$500.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$83,400.00</b>	<b>\$70,066.21</b>	<b>\$13,333.79</b>

LAU04A08

SR 163 at Casino Drive

Interlocal Amount \$528,500.00

Original Funding Date 10/09/2008

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$11,500.00	\$3,926.29	\$7,573.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$391,500.00	\$361,938.74	\$29,561.26
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$125,500.00	\$77,079.72	\$48,420.28
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$528,500.00</b>	<b>\$442,944.75</b>	<b>\$85,555.25</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	\$1,839,359.75	\$608,640.25
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$132,500.00	\$130,581.84	\$1,918.16
Other	\$109,300.00	\$108,590.00	\$710.00
<b>Total</b>	<b>\$13,501,000.00</b>	<b>\$12,889,061.98</b>	<b>\$611,938.02</b>

**MOA01F10**

**Muddy River Logandale Levee**

**Interlocal Amount \$1,753,000.00**

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

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$565,975.14	\$565,975.14	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$964,690.35	\$958,949.92	\$5,740.43
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$76,904.51	\$76,904.51	\$0.00
Other	\$145,430.00	\$118,310.00	\$27,120.00
<b>Total</b>	<b>\$1,753,000.00</b>	<b>\$1,720,139.57</b>	<b>\$32,860.43</b>

**MOA01H15**

**Muddy River Logandale Levee**

**Interlocal Amount \$8,500,000.00**

**Original Funding Date 01/08/2015**

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$7,900,000.00	\$7,825,914.65	\$74,085.35
Const Engineering	\$600,000.00	\$383,573.63	\$216,426.37
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$8,500,000.00</b>	<b>\$8,209,488.28</b>	<b>\$290,511.72</b>

## Current Project Expense Summary

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

MOA03A11

Fairgrounds Detention Basin

Interlocal Amount \$1,011,500.00

Original Funding Date 02/10/2011

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$95,000.00	\$31,985.05	\$63,014.95
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$727,000.00	\$622,440.53	\$104,559.47
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$172,500.00	\$148,463.56	\$24,036.44
Other	\$17,000.00	\$8,226.97	\$8,773.03
<b>Total</b>	<b>\$1,011,500.00</b>	<b>\$811,116.11</b>	<b>\$200,383.89</b>

SEA03A09

Searchlight - South, Encinitas St Storm Drain

Interlocal Amount \$138,000.00

Original Funding Date 08/13/2009

Expiration Date 12/31/2019

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

SEA03B17

Searchlight-South, Encinitas St. Storm Drain

Interlocal Amount \$2,530,000.00

Original Funding Date 08/10/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,330,000.00	\$1,883,039.51	\$446,960.49
Const Engineering	\$200,000.00	\$169,168.70	\$30,831.30
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,530,000.00</b>	<b>\$2,052,208.21</b>	<b>\$477,791.79</b>

## Current Project Expense Summary

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

ENTITY: COE/Clark County

COEG294

Tropicana & Flamingo Washes

Interlocal Amount \$36,259,348.00

Original Funding Date 01/12/1995

Expiration Date 06/30/2021

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

ENTITY: Henderson

HEN05E09

Pittman, Horizon Ridge Detention Basin

Interlocal Amount \$792,285.00

Original Funding Date 12/10/2009

Expiration Date 06/30/2021

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	\$614,504.60	\$40,298.45
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>\$751,986.55</b>	<b>\$40,298.45</b>

## Current Project Expense Summary

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

**HEN07F18**

**Whitney Ranch Channel Replacement Project**

**Interlocal Amount \$934,549.00**

**Original Funding Date 08/09/2018**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$54,164.00	\$0.00	\$54,164.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$674,750.00	\$18,417.79	\$656,332.21
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,164.00	\$0.00	\$126,164.00
Other	\$79,471.00	\$0.00	\$79,471.00
<b>Total</b>	<b>\$934,549.00</b>	<b>\$18,417.79</b>	<b>\$916,131.21</b>

**HEN16A01**

**Pittman North Detention Basin & Outfall**

**Interlocal Amount \$2,264,514.00**

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

**Expiration Date 12/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$108,800.68	\$108,800.68	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,671,369.22	\$1,569,512.41	\$101,856.81
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$401,827.10	\$401,827.10	\$0.00
Other	\$82,517.00	\$49,131.32	\$33,385.68
<b>Total</b>	<b>\$2,264,514.00</b>	<b>\$2,129,271.51</b>	<b>\$135,242.49</b>

**HEN16F17**

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

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

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

**Expiration Date 12/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$24,500,000.00	\$18,389,361.99	\$6,110,638.01
Const Engineering	\$1,200,000.00	\$636,947.76	\$563,052.24
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$25,700,000.00</b>	<b>\$19,026,309.75</b>	<b>\$6,673,690.25</b>

## Current Project Expense Summary

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

**HLD06B19**

**Chickasaw Storm Drain**

**Interlocal Amount \$1,999,964.00**

**Original Funding Date 07/11/2019**

**Expiration Date 12/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,999,964.00	\$0.00	\$1,999,964.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,999,964.00</b>	<b>\$0.00</b>	<b>\$1,999,964.00</b>

**ENTITY: Las Vegas**

**LAS14C11**

**Freeway Channel-Washington, MLK to Rancho Drive**

**Interlocal Amount \$1,073,510.00**

**Original Funding Date 07/14/2011**

**Expiration Date 12/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$1,792.87	\$3,207.13
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,063,510.00	\$1,023,752.42	\$39,757.58
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,073,510.00</b>	<b>\$1,025,545.29</b>	<b>\$47,964.71</b>

## Current Project Expense Summary

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

**LAS16O13**

**Rancho Rd System-Elkhorn, Fort Apache to Grand Canyon**

**Interlocal Amount \$2,358,400.00**

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

**Expiration Date 01/01/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,174,100.00	\$2,127,372.53	\$46,727.47
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>\$2,287,600.29</b>	<b>\$70,799.71</b>

**LAS16P15**

**Rancho Road System - Elkhorn, Grand Canyon to Hualapai**

**Interlocal Amount \$654,000.00**

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$650,000.00	\$605,964.99	\$44,035.01
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$654,000.00</b>	<b>\$605,964.99</b>	<b>\$48,035.01</b>

**LAS16Q18**

**Rancho Road System-Elkhorn, Grand Canyon to Hualapai**

**Interlocal Amount \$5,185,760.00**

**Original Funding Date 03/08/2018**

**Expiration Date 01/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,676,189.00	\$205,195.00	\$4,470,994.00
Const Engineering	\$509,571.00	\$51,418.61	\$458,152.39
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,185,760.00</b>	<b>\$256,613.61</b>	<b>\$4,929,146.39</b>

## Current Project Expense Summary

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

**LAS22S13**

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

**Interlocal Amount \$533,365.00**

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

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$1,000.00	\$0.00	\$1,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$530,365.00	\$437,856.58	\$92,508.42
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>\$437,856.58</b>	<b>\$95,508.42</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 12/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,600,000.00	\$4,318,388.85	\$281,611.15
Const Engineering	\$300,700.00	\$213,175.23	\$87,524.77
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$4,900,700.00</b>	<b>\$4,531,564.08</b>	<b>\$369,135.92</b>

**LAS22U19**

**Brent Drainage System-Durango to OHare Ave**

**Interlocal Amount \$897,540.00**

**Original Funding Date 07/11/2019**

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$893,540.00	\$0.00	\$893,540.00
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>\$897,540.00</b>	<b>\$0.00</b>	<b>\$897,540.00</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 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$604.38	\$1,395.62
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,063,687.00	\$818,045.21	\$245,641.79
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,070,687.00</b>	<b>\$818,649.59</b>	<b>\$252,037.41</b>

**LAS23F14**

**Centennial Parkway Channel West-CC215, Pioneer Way to US95**

**Interlocal Amount \$13,900,000.00**

**Original Funding Date 11/13/2014**

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$12,800,000.00	\$12,552,817.62	\$247,182.38
Const Engineering	\$1,100,000.00	\$57,065.13	\$1,042,934.87
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$13,900,000.00</b>	<b>\$12,609,882.75</b>	<b>\$1,290,117.25</b>

**LAS23G15**

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

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

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

**Expiration Date 06/30/2021**

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

## 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 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$981,231.00	\$566,114.55	\$415,116.45
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>\$566,114.55</b>	<b>\$419,116.45</b>

**LAS23I17**

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

Interlocal Amount \$26,425,221.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$23,825,221.00	\$11,618,144.98	\$12,207,076.02
Const Engineering	\$2,600,000.00	\$54,281.17	\$2,545,718.83
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$26,425,221.00</b>	<b>\$11,672,426.15</b>	<b>\$14,752,794.85</b>

**LAS24I15**

Gowan Box Canyon - Lone Mountain Road

Interlocal Amount \$704,000.00

Original Funding Date 07/09/2015

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$700,000.00	\$423,742.73	\$276,257.27
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$704,000.00</b>	<b>\$423,742.73</b>	<b>\$280,257.27</b>

## Current Project Expense Summary

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

**LAS24J15**

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

**Interlocal Amount \$785,478.00**

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$781,478.00	\$758,883.66	\$22,594.34
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>\$758,883.66</b>	<b>\$26,594.34</b>

**LAS24K17**

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

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

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

**Expiration Date 04/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$8,179,100.00	\$7,412,660.15	\$766,439.85
Const Engineering	\$1,052,962.00	\$767,334.89	\$285,627.11
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$9,232,062.00</b>	<b>\$8,179,995.04</b>	<b>\$1,052,066.96</b>

**LAS24L17**

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

**Interlocal Amount \$861,670.00**

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

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$857,670.00	\$46,698.93	\$810,971.07
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$861,670.00</b>	<b>\$46,698.93</b>	<b>\$814,971.07</b>

## Current Project Expense Summary

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

**LAS24M17**

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

**Original Funding Date 10/12/2017**  
**Expiration Date 09/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$8,700,500.00	\$6,194,206.73	\$2,506,293.27
Const Engineering	\$930,100.00	\$583,583.84	\$346,516.16
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$9,630,600.00</b>	<b>\$6,777,790.57</b>	<b>\$2,852,809.43</b>

**LAS25B13**

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

**Original Funding Date 07/11/2013**  
**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$827,489.00	\$689,566.15	\$137,922.85
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
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 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$110,000.00	\$88,302.56	\$21,697.44
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$110,000.00</b>	<b>\$88,302.56</b>	<b>\$21,697.44</b>

## Current Project Expense Summary

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

#### 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	\$1,448,025.67	\$224,977.33
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>\$1,448,025.67</b>	<b>\$277,977.33</b>

#### LAS29C16

Flamingo-Bldr Hwy, N Charleston-Maryland Pkwy  
System  
Interlocal Amount \$2,488,829.00

Original Funding Date 09/08/2016

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$0.00	\$5,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,478,829.00	\$1,424,261.62	\$1,054,567.38
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,488,829.00</b>	<b>\$1,424,261.62</b>	<b>\$1,064,567.38</b>

#### LAS29D17

Flamingo-Boulder Hwy North, Charleston, Main to  
Maryland  
Interlocal Amount \$1,529,674.00

Original Funding Date 08/10/2017

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,525,674.00	\$282,051.24	\$1,243,622.76
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>\$1,529,674.00</b>	<b>\$282,051.24</b>	<b>\$1,247,622.76</b>

## Current Project Expense Summary

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

**LAS29E18**

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

**Interlocal Amount \$30,664,139.00**

**Original Funding Date 10/11/2018**

**Expiration Date 01/31/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$28,829,533.00	\$0.00	\$28,829,533.00
Const Engineering	\$1,834,606.00	\$7,817.30	\$1,826,788.70
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$30,664,139.00</b>	<b>\$7,817.30</b>	<b>\$30,656,321.70</b>

**LAS30A13**

**Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard**

**Interlocal Amount \$711,938.00**

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

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$3,000.00	\$0.00	\$3,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$706,938.00	\$260,779.40	\$446,158.60
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$711,938.00</b>	<b>\$260,779.40</b>	<b>\$451,158.60</b>

**LAS31A17**

**LVW-Moccasin, Skye Canyon Park to Upper LVW**

**Interlocal Amount \$60,000.00**

**Original Funding Date 12/14/2017**

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$60,000.00	\$17,644.53	\$42,355.47
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>\$17,644.53</b>	<b>\$42,355.47</b>

## Current Project Expense Summary

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

**LAS31B18**

**LVW - Moccasin, Skye Canyon Park to Upper LVW**

**Interlocal Amount \$15,393,582.00**

**Original Funding Date 11/08/2018**

**Expiration Date 01/31/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$14,386,525.00	\$0.00	\$14,386,525.00
Const Engineering	\$1,007,057.00	\$0.00	\$1,007,057.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$15,393,582.00</b>	<b>\$0.00</b>	<b>\$15,393,582.00</b>

**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	\$319,047.07	\$880,952.93
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>\$319,047.07</b>	<b>\$880,952.93</b>

**LLD19A18**

**Luning Drive Storm Drain**

**Interlocal Amount \$1,201,965.00**

**Original Funding Date 07/12/2018**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,201,965.00	\$0.00	\$1,201,965.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,201,965.00</b>	<b>\$0.00</b>	<b>\$1,201,965.00</b>

## Current Project Expense Summary

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

ENTITY: Mesquite

MES01E17

Town Wash-Mesa Boulevard, El Dorado to Town Wash  
Interlocal Amount \$495,714.00

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$422,988.00	\$312,649.50	\$110,338.50
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$72,726.00	\$0.00	\$72,726.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$495,714.00</b>	<b>\$312,649.50</b>	<b>\$183,064.50</b>

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	\$184,677.62	\$701,382.38
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>\$391,955.62</b>	<b>\$1,041,947.38</b>



## Current Project Expense Summary

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

ENTITY: North Las Vegas

NLV03E13

Hollywood System, Dunes South DB to Centennial  
Parkway

Interlocal Amount \$2,706,972.00

Original Funding Date 10/10/2013

Expiration Date 12/31/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$656,972.00	\$56,016.43	\$600,955.57
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,040,000.00	\$1,788,633.62	\$251,366.38
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>\$1,844,650.05</b>	<b>\$862,321.95</b>

NLV03F17

Range Wash - Ann Branch

Interlocal Amount \$1,081,889.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$250,000.00	\$16,680.92	\$233,319.08
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$821,889.00	\$471,943.27	\$349,945.73
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>\$1,081,889.00</b>	<b>\$488,624.19</b>	<b>\$593,264.81</b>

NLV03G17

Hollywood System, Centennial Pkwy-Speedway #2 DB

Interlocal Amount \$1,586,850.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$507,125.00	\$30,283.72	\$476,841.28
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,069,725.00	\$629,697.61	\$440,027.39
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,586,850.00</b>	<b>\$659,981.33</b>	<b>\$926,868.67</b>

## Current Project Expense Summary

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

NLV03H17

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

Interlocal Amount \$13,109,000.00

Original Funding Date 11/09/2017

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$12,290,000.00	\$6,671,047.07	\$5,618,952.93
Const Engineering	\$819,000.00	\$146,857.83	\$672,142.17
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$13,109,000.00</b>	<b>\$6,817,904.90</b>	<b>\$6,291,095.10</b>

NLV03I18

Range Wash - Ann Branch, Phase I

Interlocal Amount \$2,668,000.00

Original Funding Date 02/08/2018

Expiration Date 12/31/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,470,000.00	\$2,458,935.29	\$11,064.71
Const Engineering	\$198,000.00	\$126,493.05	\$71,506.95
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,668,000.00</b>	<b>\$2,585,428.34</b>	<b>\$82,571.66</b>

NLV04K17

Gowan Outfall, Alexander Rd - Decatur to Simmons  
Street

Interlocal Amount \$1,931,156.00

Original Funding Date 02/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,921,156.00	\$706,864.93	\$1,214,291.07
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>\$706,864.93</b>	<b>\$1,224,291.07</b>

## Current Project Expense Summary

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

NLV09E11

Vandenberg North Detention Basin & Outfall

Interlocal Amount \$1,413,000.00

Original Funding Date 04/14/2011

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$64,673.77	\$46,436.37	\$18,237.40
Pre-Design	\$123,326.23	\$123,326.23	\$0.00
Design	\$1,220,000.00	\$1,004,380.78	\$215,619.22
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,413,000.00</b>	<b>\$1,174,143.38</b>	<b>\$238,856.62</b>

NLV09I13

Beltway Detention Basin and Channel

Interlocal Amount \$1,334,000.00

Original Funding Date 10/10/2013

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$400,000.00	\$359,678.58	\$40,321.42
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$924,000.00	\$866,315.46	\$57,684.54
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$1,185.69	\$8,814.31
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,334,000.00</b>	<b>\$1,227,179.73</b>	<b>\$106,820.27</b>

NLV17C16

Fifth Street Collector, Centennial Pkwy to Deer Springs Way

Interlocal Amount \$726,079.00

Original Funding Date 11/10/2016

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$259,088.00	\$11,422.40	\$247,665.60
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$456,991.00	\$388,033.25	\$68,957.75
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>\$399,455.65</b>	<b>\$326,623.35</b>

## Current Project Expense Summary

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

NLV17D18

Fifth St Collector, Centennial Pkwy to Deer Spgs Way

Interlocal Amount \$5,416,000.00

Original Funding Date 09/13/2018

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,950,000.00	\$0.00	\$4,950,000.00
Const Engineering	\$466,000.00	\$375.28	\$465,624.72
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,416,000.00</b>	<b>\$375.28</b>	<b>\$5,415,624.72</b>

### Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,335,998.41	\$39,800,290.29	\$4,535,708.12
Pre-Design	\$331,604.23	\$330,604.23	\$1,000.00
Design	\$49,618,776.62	\$33,728,143.37	\$15,890,633.25
Construction	\$175,189,517.00	\$86,231,626.40	\$88,957,890.60
Const Engineering	\$13,929,838.00	\$3,876,107.36	\$10,053,730.64
Environmental	\$2,689,629.78	\$1,761,325.12	\$928,304.66
Other	\$10,766,904.96	\$10,236,027.30	\$530,877.66
<b>Total</b>	<b>\$296,862,269.00</b>	<b>\$175,964,124.07</b>	<b>\$120,898,144.93</b>
Construction Projects = 21      Design / Other Projects = 51			

## Current Project Expense Summary

### BOND FUNDED PROJECTS

ENTITY: Clark County

CLA04W16

Flamingo Wash, Eastern Avenue  
Interlocal Amount \$1,517,000.00

Original Funding Date 05/19/2016  
Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,315,000.00	\$1,235,320.14	\$79,679.86
Const Engineering	\$202,000.00	\$201,441.40	\$558.60
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,517,000.00</b>	<b>\$1,436,761.54</b>	<b>\$80,238.46</b>

CLA08T14

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

Original Funding Date 09/11/2014  
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	\$6,700,000.00	\$6,338,987.37	\$361,012.63
Const Engineering	\$700,000.00	\$642,489.75	\$57,510.25
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,400,000.00</b>	<b>\$6,981,477.12</b>	<b>\$418,522.88</b>

CLA15E13

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$73,952,000.00	\$71,935,126.87	\$2,016,873.13
Const Engineering	\$7,432,000.00	\$6,840,205.20	\$591,794.80
Environmental	\$0.00	\$0.00	\$0.00
Other	\$2,800,000.00	\$655,363.21	\$2,144,636.79
<b>Total</b>	<b>\$84,184,000.00</b>	<b>\$79,430,695.28</b>	<b>\$4,753,304.72</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**ENTITY: Clark County Outlying**

**LAU04B17**

**SR 163 at Casino Drive**

**Interlocal Amount \$2,250,000.00**

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

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,065,000.00	\$0.00	\$2,065,000.00
Const Engineering	\$185,000.00	\$0.00	\$185,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,250,000.00</b>	<b>\$0.00</b>	<b>\$2,250,000.00</b>

**ENTITY: Henderson**

**HEN05G16**

**Horizon Ridge Detention Basin**

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

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

**Expiration Date 06/30/2020**

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	\$6,950,000.00	\$5,980,350.41	\$969,649.59
Const Engineering	\$556,000.00	\$305,290.63	\$250,709.37
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,506,000.00</b>	<b>\$6,285,641.04</b>	<b>\$1,220,358.96</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**ENTITY: Las Vegas**

**LAS14D14**

**Freeway Channel-Washington, MLK to Rancho Drive**

**Original Funding Date 02/13/2014**

**Interlocal Amount \$11,555,343.00**

**Expiration Date 12/31/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$10,500,343.00	\$9,401,693.30	\$1,098,649.70
Const Engineering	\$1,055,000.00	\$921,250.71	\$133,749.29
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$11,555,343.00</b>	<b>\$10,322,944.01</b>	<b>\$1,232,398.99</b>

**ENTITY: North Las Vegas**

**NLV03J19**

**Hollywood System, Phase II, NAFB Reach**

**Original Funding Date 05/23/2019**

**Interlocal Amount \$19,610,000.00**

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$18,500,000.00	\$0.00	\$18,500,000.00
Const Engineering	\$1,110,000.00	\$0.00	\$1,110,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$19,610,000.00</b>	<b>\$0.00</b>	<b>\$19,610,000.00</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

NLV09J19

Beltway Detention Basin, Collection and Outfall

Interlocal Amount \$16,192,926.00

Original Funding Date 05/23/2019

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$15,132,926.00	\$0.00	\$15,132,926.00
Const Engineering	\$1,060,000.00	\$0.00	\$1,060,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$16,192,926.00</b>	<b>\$0.00</b>	<b>\$16,192,926.00</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	\$135,115,269.00	\$94,891,478.09	\$40,223,790.91
Const Engineering	\$12,300,000.00	\$8,910,677.69	\$3,389,322.31
Environmental	\$0.00	\$0.00	\$0.00
Other	\$2,800,000.00	\$655,363.21	\$2,144,636.79
<b>Total</b>	<b>\$150,215,269.00</b>	<b>\$104,457,518.99</b>	<b>\$45,757,750.01</b>
Construction Projects = 8      Design / Other Projects = 0			



## Capital Improvement Program - Open Projects Summary

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,335,998.41	\$39,800,290.29	\$4,535,708.12
Pre-Design	\$331,604.23	\$330,604.23	\$1,000.00
Design	\$49,618,776.62	\$33,728,143.37	\$15,890,633.25
Construction	\$310,304,786.00	\$181,123,104.49	\$129,181,681.51
Const Engineering	\$26,229,838.00	\$12,786,785.05	\$13,443,052.95
Environmental	\$2,689,629.78	\$1,761,325.12	\$928,304.66
Other	\$13,566,904.96	\$10,891,390.51	\$2,675,514.45
<b>Total</b>	<b>\$447,077,538.00</b>	<b>\$280,421,643.06</b>	<b>\$166,655,894.94</b>
Construction Projects = 29      Design / Other Projects = 51			

### Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,335,998.41	\$39,800,290.29	\$4,535,708.12
Pre-Design	\$331,604.23	\$330,604.23	\$1,000.00
Design	\$49,618,776.62	\$33,728,143.37	\$15,890,633.25
Construction	\$175,189,517.00	\$86,231,626.40	\$88,957,890.60
Const Engineering	\$13,929,838.00	\$3,876,107.36	\$10,053,730.64
Environmental	\$2,689,629.78	\$1,761,325.12	\$928,304.66
Other	\$10,766,904.96	\$10,236,027.30	\$530,877.66
<b>Total</b>	<b>\$296,862,269.00</b>	<b>\$175,964,124.07</b>	<b>\$120,898,144.93</b>
Construction Projects = 21      Design / Other Projects = 51			

### 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	\$135,115,269.00	\$94,891,478.09	\$40,223,790.91
Const Engineering	\$12,300,000.00	\$8,910,677.69	\$3,389,322.31
Environmental	\$0.00	\$0.00	\$0.00
Other	\$2,800,000.00	\$655,363.21	\$2,144,636.79
<b>Total</b>	<b>\$150,215,269.00</b>	<b>\$104,457,518.99</b>	<b>\$45,757,750.01</b>
Construction Projects = 8      Design / Other Projects = 0			

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

**Boulder City**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$4,649,000.00
BOU01B88	Hemenway Wash Debris Basin	Closed	\$0.00
BOU01C10	Hemenway System, Phase II Improvements	Open	\$745,000.00
BOU01D17	Hemenway System, Phase IIA Improvements	Open	\$2,495,000.00
BOU02A88	Georgia Avenue Channel	Closed	\$613,590.23
BOU03A88	Buchanan Blvd. Channel	Closed	\$412,719.91
BOU03B98	Buchanan Watershed Facilities	Closed	\$420,240.41
BOU03C10	Buchanan Blvd., Phase III Improvements	Closed	\$344,263.01
BOU03D11	Buchanan Blvd., Phase III Improvements	Closed	\$0.00
BOU03E12	Buchanan Blvd., Phase III Improvements	Closed	\$4,689,402.24
BOU04A96	West Airport Watershed	Closed	\$128,138.69
BOU04B97	West Airport Watershed Construction	Closed	\$1,839,686.60
BOU04C01	Hemenway Wash	Closed	\$101,580.75
BOU05A98	North Railroad Watershed (Industrial Road Facility)	Closed	\$448,873.75
BOU05B00	North Railroad Watershed, Veteran Memorial Dr Culvert	Closed	\$129,206.79
BOU05G07	Yucca Street Drainage	Closed	\$71,036.09
BOU05H07	Bootleg Canyon Detention Basin Outfall	Closed	\$521,408.23
BOU05J10	North Railroad Conveyance	Open	\$530,000.00
BOU05K11	Bootleg Canyon Detention Basin, Phase II	Closed	\$829,854.43
BOU05L11	North Railroad Conveyance	Closed	\$3,503,502.20
BOU05M18	North Railroad Conveyance, Phase II	Open	\$2,843,962.00
BOU06A99	Ville Drive Flood Control Facilities	Closed	\$144,261.08
BOU06B01	Ville Drive Flood Control Facilities	Closed	\$747,314.67
			<u>\$26,208,041.08</u>

**Clark County**

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

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA04E99	Flamingo Wash, McLeod Dr to Maryland PKWY	Open	\$2,980,000.00
CLA04F99	Flamingo Wash, I-515 to McLeod Dr	Closed	\$1,252,537.43
CLA04G00	Flamingo Wash at Boulder Highway	Closed	\$860,102.20
CLA04H00	Flamingo Wash, Boulder Highway to Mojave Rd	Closed	\$6,284,809.40
CLA04I01	Flamingo Wash, Spencer Street Bridge & Approach Channel	Closed	\$2,436,743.83
CLA04M06	Flamingo - Boulder HWY N, Sahara Ave to Flamingo Wash	Closed	\$1,027,029.82
CLA04Q08	Flamingo Wash, Nellis Blvd to I-515	Closed	\$995,990.90
CLA04R08	Flamingo Wash, Desert Inn to Eastern Avenue	Closed	\$7,869,248.66
CLA04U10	Flamingo-Boulder Highway North, Sahara Ave to Flamingo Wash	Closed	\$10,933,404.28
CLA04V10	Flamingo Wash, Nellis Boulevard to I-515	Closed	\$11,132,175.16
CLA04Y19	Flamingo Wash, Maryland Pkwy to Palos Verdes Street	Open	\$535,000.00
CLA05A91	Duck Creek Bridges @ Tomiyasu & La Casita	Closed	\$814,243.47
CLA06A91	Range Wash Confluence Detention Basin Facilities	Closed	\$479,952.25
CLA07A92	Sloan Channel (Las Vegas Wash to Owens)	Closed	\$4,820,788.11
CLA07B01	Sloan Channel, Las Vegas Wash to Charleston	Closed	\$340,747.81
CLA08A92	Lower Duck Creek Detention Basin Predesign	Closed	\$807,918.53
CLA08B93	Lower Duck Creek DB ROW	Closed	\$5,921,794.42
CLA08C98	Lower Duck Creek Detention Basin & Outfall Channel	Closed	(\$11,828.26)
CLA08D01	Duck Creek, Lower Detention Basin to I-15	Closed	\$9,691,844.67
CLA08F03	Duck Creek, Lower Detention Basin to Silverado Ranch Blvd	Closed	\$3,717,281.04
CLA08H05	Duck Creek, Railroad Detention Basin	Closed	\$673,683.44
CLA08K07	Duck Creek Channel, Silverado Ranch Blvd to Las Vegas Blvd	Closed	\$8,698,135.53
CLA08M08	Duck Creek, Railroad Detention Basin	Closed	\$13,302,732.94
CLA08Q13	Duck Creek at Dean Martin	Closed	\$413,865.28
CLA08R13	Duck Creek, Las Vegas Boulevard	Open	\$485,000.00
CLA08S13	Silverado Ranch Detention Basin and Outfall Facilities	Open	\$1,370,000.00
CLA08W16	Duck Creek at Dean Martin	Closed	\$3,058,969.76
CLA09A97	Durango Collector (Hacienda to Twain)	Closed	\$366,253.18
CLA09B99	Durango Collector (Twain to Hacienda)	Closed	\$100,005.00
CLA09C06	Durango Collector (Twain to Hacienda)	Closed	\$1,126.53
CLA10A97	Tropicana Wash (Paradise Road to Koval	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	\$7,080,768.61
CLA10H13	Airport Channel - Naples	Open	\$1,200,000.00
CLA10I19	Wagon Trail Chnl, Sunset Rd to Teco Avenue	Open	\$318,800.00
CLA12A97	Desert Inn Detention Basin & Collection System	Closed	\$346,843.68
CLA12B98	Desert Inn Detention Basin & Collection System/DI Lateral	Closed	\$43,197.00

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	\$689.01
CLA13A97	Lakes Detention Basin, Collection System, & Outfall	Closed	\$531,803.87
CLA13B98	Lakes Detention Basin Collection System & Outfall	Closed	\$788,631.74
CLA13C98	Lakes DB Collection System	Closed	\$783,619.03
CLA14A97	Duck Creek (Hollywood to Stephanie Street)	Closed	\$138,962.97
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephaine St)--ROWA	Closed	\$375,552.00
CLA14C99	Duck Creek, Sunset Road to Eastern Ave	Closed	\$560,650.99
CLA14D99	Duck Creek, Hollywood Blvd to Stephanie Street	Closed	\$1,651,449.79
CLA14E99	Duck Creek, Stephanie St to Green Valley PKWY	Closed	\$321,054.87
CLA14F00	Duck Creek, Emerald Avenue to Stephanie St	Closed	\$5,987,176.80
CLA14G00	Duck Creek at Robindale Road	Closed	\$1,066,974.02
CLA14H00	Duck Creek, Tomiyasu Lane to Topaz St	Closed	\$3,548,160.77
CLA14I02	Duck Creek, US 95 Branch	Closed	\$1,107,637.45
CLA14L02	Duck Creek, Phase II and Lower Pittman	Closed	\$13,651,024.74
CLA14R04	Duck Creek, Mountain Vista Street to Green Valley PKWY	Closed	\$707,824.31
CLA14S07	Duck Creek, Eldorado Lane to Spencer Street	Closed	\$6,139,169.42
CLA14U09	Duck Creek, Robindale to I-215	Closed	\$23,516.83
CLA14V10	Duck Creek, Mtn. Vista to Green Valley Parkway	Closed	\$8,976,052.51
CLA15B99	Colorado Avenue Storm Drain System	Closed	(\$41,517.92)
CLA15C09	Las Vegas Wash, Sloan Lane to Stewart Ave	Closed	\$193,555.23
CLA15D12	LVW Sloan-Bonanza, Flam W below Nellis	Open	\$6,322,000.00
CLA16A98	Upr Duck Ck, Ctrl Duck Ck, Lwr Blue Diamond & Bird Sp/ROW	Closed	\$2,226,784.41
CLA16B00	Upr Duck, Ctrl Duck, Lower Blue Dia, & Bird Springs DB	Closed	\$1,363,624.69
CLA16F04	Lower Blue Diamond Detention Basin Collector Channel	Closed	\$8,060,995.11
CLA16G05	Blue Diamond Wash Wigwam, UPRR to Jones Boulevard	Closed	\$535,000.00
CLA16H06	Blue Dia Wash S Rainbow, Pebble - Raven & Wigwam - Ford	Closed	\$2,444,155.20
CLA16I07	Lower Blue Diamond Detention Basin Outfall	Closed	\$1,694,368.59
CLA16J07	Blue Diamond Wash Wigwam, Jones Blvd to Rainbow	Closed	\$357,603.89
CLA16K07	Upper Duck Creek Detention Basin	Closed	\$3,000,000.00
CLA16O19	Blue Diamond Wash, Arville Street to I-15	Open	\$435,000.00
CLA17E04	Blue Diamond Channel, Rainbow Branch	Closed	\$1,495,409.16
CLA19A99	Red Rock Channel, Naples Branch	Closed	\$1,333,173.93
CLA19C02	Red Rock Channel, Naples Branch - Flamingo Connector	Closed	\$674,561.31
CLA20A99	Washington Collection System	Closed	\$69,701.68
CLA20B00	Washington Collection System	Closed	\$680,964.62
CLA21A00	Orchard Detention Basin	Open	\$1,799,700.00
CLA21B12	Orchard Detention Basin	Closed	\$4,929,886.35
CLA22A00	Flamingo Diversion - Jones Branch	Closed	\$100,001.71

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA22B03	Flamingo Diversion - Jones Branch	Closed	\$1,100,000.00
CLA26C08	Flam Div - South Buffalo Branch, Flamingo Wash to Patrick Lane	Closed	\$776,336.79
CLA27C08	Flamingo Diversion - Rainbow Branch	Closed	\$980,601.33
CLA28D18	Vandenberg North DB, Collection & Outfall, Phase I	Open	\$3,765,000.00
CLA35A11	Tropicana Avenue Conveyance, LVW to Mtn. Vista	Closed	\$249,789.19
CLA36A18	Jim McGaughey DB, Collection Basin and Outfall	Open	\$3,382,870.00
CLA39A19	Duck Creek/Blue Diamond, Bermuda Rd to LV Blvd	Open	\$453,000.00
CLD02A11	Annie Oakley Drive at Rawhide Channel Storm Drain	Closed	\$84,203.00
CLD04A08	Twain at Pecos-McLeod Storm Drain	Closed	\$442,521.57
CLD07A07	Sunrise Area Storm Drain	Closed	\$914,982.31
CLD07B08	Carey Avenue Storm Drain	Closed	\$1,351,525.62
CLD07C10	Sunrise Ave. Storm Drain, Fogg St. to Clayton St.	Closed	\$154,935.40
CLD07D12	Toiyabe Street Storm Drain	Closed	\$0.00
CLD14A10	Tunis Ave and Karvel Street Storm Drain	Closed	\$189,391.53
CLD15A09	Olive Street Storm Drain, US-95 to Palm Street	Closed	\$800,286.13
CLD17A09	Las Vegas Blvd/Serene Ave Storm Drain	Closed	\$133,338.79
CLD19A17	Katie Avenue Storm Drain - Local Drainage Improvements	Closed	\$724,665.88
CLD20A12	Washington/Hollywood Storm Drain	Closed	\$259,862.20
CLD98A06	Hickam Avenue Storm Drain	Closed	\$465,091.07
CLD99A05	Red Coach Ave/Cimarron Rd Improvements	Closed	\$388,200.00
			<u>\$240,976,506.99</u>

**Clark County Outlying**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BUN01A90	Bunkerville Channel (aka Windmill Channel)	Closed	\$817,795.45
BUN01B98	Bunkerville Flood Control Improvements	Closed	\$5,734,536.80
BUN01C05	Windmill Wash Outfall	Closed	\$2,839,135.00
BUN01D11	Windmill Wash Detention Basin Expansion	Open	\$880,000.00
GSP01A88	Goodsprings Flood Control Improvements	Closed	\$72,275.84
GSP01B10	Goodsprings - Phase I	Open	\$83,400.00
IND01A98	Indian Springs Flood Control Improvements	Closed	\$579,193.24
LAU01A89	Unnamed Wash, Laughlin	Closed	\$349,995.99
LAU02A89	Hiko Springs, Laughlin	Closed	\$369,974.40
LAU02B92	Hiko Springs, Laughlin, Remap	Closed	\$8,000.00
LAU03A96	Hiko Springs Outfall Channel	Closed	\$7,771,291.25
LAU04A08	SR 163 at Casino Drive	Open	\$528,500.00
MOA01A89	Cooper Ave. Crossing - Moapa Valley	Closed	\$185,000.00
MOA01B89	Muddy River West Levee, Moapa Valley	Open	\$13,501,000.00
MOA01C06	Muddy River, Gubler Avenue Bridge	Closed	\$745,638.67
MOA01D07	Muddy River, Gubler Avenue Bridge	Closed	\$5,319,472.98
MOA01E08	Muddy River & Trib - Cooper Ave to Yamashita St	Closed	\$966,120.32
MOA01F10	Muddy River Logandale Levee	Open	\$1,753,000.00
MOA01G11	Muddy River, Cooper Street Bridge	Closed	\$15,793,908.74
MOA01H15	Muddy River Logandale Levee	Open	\$8,500,000.00

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
MOA02A89	Logan Wash (aka Benson), Moapa Valley	Closed	\$235,040.74
MOA02B92	Logan Wash Construction	Closed	\$3,510,528.60
MOA03A11	Fairgrounds Detention Basin	Open	\$1,011,500.00
NEL01A88	Nelson Flood Control Improvements	Closed	\$2,961.95
SEA01A88	Searchlight Flood Control Improvements	Closed	\$861,099.97
SEA01B99	Searchlight Flood Control Improvements	Closed	\$5,500.00
SEA02A07	Searchlight - West, US-95	Closed	\$162,000.00
SEA03A09	Searchlight - South, Encinitas St Storm Drain	Open	\$138,000.00
SEA03B17	Searchlight-South, Encinitas St. Storm Drain	Open	\$2,530,000.00
			<u>\$75,254,869.94</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

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN06H09	Equestrian Detention Basin Expansion	Closed	\$335,247.64
HEN06IO9	Equestrian Tributary Phase II	Closed	\$405,636.14
HEN07A96	Pittman Park Detention Basin	Closed	\$1,546,249.59
HEN07B09	Pittman Wash, UPRR to Santiago	Closed	\$843,016.21
HEN07D09	Whitney Wash Channel	Closed	\$130,264.67
HEN07E11	Pittman Wash, UPRR to Santiago	Closed	\$8,796,470.83
HEN07F18	Whitney Ranch Channel Replacement Project	Open	\$934,549.00
HEN08A96	Railroad East Detention Basin	Closed	\$6,416,341.47
HEN08B08	Pittman Railroad East Conveyance	Closed	\$444,380.89
HEN08C08	Pittman Railroad East Conveyance	Closed	\$8,518,517.91
HEN09A99	Pittman East Detention Basin (collapse with HEN09A97)	Closed	\$119,918.19
HEN09B00	Pittman Eastern Detention Basin	Closed	\$6,099,436.41
HEN09D09	Pittman Seven Hills Park Channel	Closed	\$0.00
HEN10B99	South Pittman Detention Basin	Closed	\$3,202,101.72
HEN12A99	Gibson Channel at Sunset Road	Closed	\$40,125.00
HEN12B01	Gibson Channel Culvert at Sunset Road	Closed	\$364,211.76
HEN12C02	Gibson Conveyance System	Closed	\$237,718.78
HEN12F05	Pittman Gibson, Warm Springs Road to Kelso Dunes Avenue	Closed	\$10,000.00
HEN12GO6	Pittman Wash - Burns	Closed	\$4,251,084.08
HEN12H09	Pittman Burns, Sunset to Galleria	Closed	\$770,231.86
HEN12I09	Pittman, West Horizon - Palm Hills	Closed	\$249,028.80
HEN13A00	Boulder Highway Channel	Closed	\$360,070.00
HEN14A00	Pittman Pecos West Conveyance & Eastern Ave Tributary	Closed	\$2,355,800.39
HEN14B06	Pittman Pecos West Conveyance & Eastern Ave Tributary	Closed	\$6,787,948.72
HEN15A00	Pittman Wash Railroad Channel	Closed	\$568,801.51
HEN16A01	Pittman North Detention Basin & Outfall	Open	\$2,264,514.00
HEN16D15	Pittman North Detention Basin and Outfall, Phase I	Closed	\$3,458,916.31
HEN16E15	Pittman North DB & Outfall, Phase II - Starr Avenue	Closed	\$1,865,136.31
HEN16F17	Pittman North Detention Basin & Outfall, Phase III	Open	\$25,700,000.00
HEN19B06	Northeast Detention Basin Outfall	Closed	\$337,852.88
HEN19C07	Northeast Detention Basin, Levee and Outfall	Closed	\$13,366,601.89
HEN21A05	Pittman Railroad, MacDonald Ranch Channel	Closed	\$253,025.49
HEN21B08	Pittman Railroad, MacDonald Ranch Channel	Closed	\$2,025,749.22
HEN22A09	Anthem Pkwy Channel, Horizon Ridge to Sienna Heights	Closed	\$94,222.77
HEN23A09	Center Street Storm Drain	Closed	\$564,095.75
HEN24A11	Duck Creek, Sunset to Sandhill	Closed	\$535,983.84
HEN24B13	Duck Creek, Sunset to Sandhill	Closed	\$3,475,829.83
HLD06B19	Chickasaw Storm Drain	Open	\$1,999,964.00
HLD15A06	Blackridge Road Storm Drain System	Closed	\$529,071.04
			<b>\$149,396,708.95</b>

**Las Vegas**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS01A87	Angel Park Detention Basin Outflow Structure	Closed	\$397,978.73
LAS01B95	Angel Park Detention Basin Expansion	Closed	\$1,356,534.40

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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>
LAS01D09	Angel Park North - Detention Basin	Closed	\$597,382.00
LAS02A87	Buffalo Channel	Closed	\$4,167,183.73
LAS02B91	Buffalo Channel/Summerlin PKWY - Vegas Drive	Closed	\$126,491.20
LAS02C91	Buffalo Channel/Westcliff-Summerlin Pkwy	Closed	\$471,594.88
LAS02D92	Buffalo Channel/Doe Av.-Westcliff Dr	Closed	\$84,175.72
LAS02F93	Buffalo Channel / Doe-Westcliff	Closed	\$1,685,430.55
LAS03A89	Gowan Rd Detention System	Closed	\$195,685.16
LAS03B89	Gowan Detention Basin & Outfall	Closed	\$4,813,519.80
LAS03D98	Gowan South Detention Basin Expansion	Closed	\$126,398.42
LAS03E00	Gowan South DB Expansion	Closed	\$2,609,639.23
LAS04A87	Oakey Boulevard System	Closed	\$111,106.72
LAS04B90	Oakey BI System	Closed	\$631,418.63
LAS04C91	Oakey BI System/Decatur BI Crossing	Closed	\$35,000.00
LAS04E94	Oakey Conveyance Phase II	Closed	\$1,083,848.86
LAS05A87	Meadows Detention Basin	Closed	\$120,000.00
LAS05B87	Meadows Detention Basin	Closed	\$3,432,123.00
LAS05C00	Meadows Detention Basin Expansion (Resol 00-2)	Closed	\$150,000.00
LAS05D01	Meadows Detention Basin Expansion (Resol 01-3)	Closed	\$3,422,258.00
LAS05H08	Alta Parallel System	Closed	\$8,165,350.58
LAS05I08	Oakey-Meadows Storm Drain, Phase I	Closed	\$12,686,286.59
LAS05J10	Oakey Meadows Storm Drain-Phase II	Closed	\$9,822,984.14
LAS06A87	Major Conveyance System West of I-15	Closed	\$229,005.59
LAS06B87	Major Conveyance System East of I-15	Closed	\$29,022.50
LAS06C93	Freeway Channel/Sahara - Ivanhoe	Closed	\$670,067.29
LAS07A89	Durango Storm Drain	Closed	\$596,059.22
LAS08A89	Carey Ave./Lake Mead Detention & Conveyance System	Closed	\$6,148,651.98
LAS09A89	Washington Ave. System	Closed	\$313,726.91
LAS09B91	Washington Ave. System/Sandhill-Bruce	Closed	\$497,000.00
LAS09D92	Washington Ave./Sandhill-Virgil	Closed	\$1,594,925.69
LAS09F93	Washington/Sagman-LV Creek Right-of-Way	Closed	\$245,428.78
LAS09G94	Washington Ave. / Lena-Eastern (LOMR)	Closed	\$4,643,824.92
LAS09H94	Upper Washington Channel & Freeway Channel	Closed	\$1,206,684.74
LAS09I96	Washington/Eastern-Sagman	Closed	\$3,078,027.28
LAS09J97	Freeway Channel System - Alta Drive to	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



**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>
LAS09W08	Oakey Drain, Birch Street to Cahlan Drive	Closed	\$6,500,607.90
LAS09Y09	Oakey Drain - Cahlan Dr to Barnard Dr	Closed	\$370,483.19
LAS10A91	Gowan North Channel	Closed	\$110,000.00
LAS10B93	CAM-10 & Lone Mtn. Detention Basins Predesign	Closed	\$212,800.00
LAS10C94	Lone Mtn. Detention Basin	Closed	\$905,972.72
LAS10D95	Gowan North Channel - Gowan North Detention Basin	Closed	\$904,292.71
LAS10E97	Gowan North Channel - Gowan Detention Basin to Buffalo	Closed	\$3,150,210.59
LAS10F97	Gowan Outfall Lone Mtn Branch - Ferrell St to Kenny Way	Closed	\$111,327.87
LAS10H98	Gowan North Buffalo Branch (Chnl) - Atwood to Lone Mtn Rd	Closed	\$285,859.78
LAS10J98	Gowan North Chnl-Alexander Dr to Lone Mtn Rd & LM Outfall	Closed	\$651,405.16
LAS10K99	CAM 10 Detention Basin (aka Ann Road DB)	Closed	\$682,577.04
LAS10L99	Gowan North-Buffalo Branch	Closed	\$162,106.81
LAS10M00	Gowan North - Buffalo Branch (Gowan Road & Buckskin Ave)	Closed	\$608,179.39
LAS10N00	Gowan Outfall, Lone Mountain Branch (Allen Lane-Ferrell)	Closed	\$1,545,053.54
LAS10P00	Gowan/Lone Mountain System - Gilmore Channel (CM)	Closed	\$8,492.19
LAS10Q01	Gowan/Lone Mountain System - Gilmore Channel (Developer Participation)	Closed	\$1,383,723.00
LAS10R00	Gowan North - Buffalo Branch (Cheyenne Avenue to Lone Mtn Road)	Closed	\$2,462,085.23
LAS10Y05	Gowan Lone Mountain System - Cliff Shadows Park	Closed	\$1,549,850.67
LAS11A92	Rampart Storm Drain (Angel Park-Peccole 1)	Closed	\$44,809.03
LAS11B93	Rampart Storm Drain Construction	Closed	\$185,842.34
LAS12A92	Alta Storm Drain (Meadows V)	Closed	\$851,465.76
LAS13A92	Cheyenne Channel / Buffalo - Gowan Design	Closed	\$86,475.85
LAS13B94	Cheyenne Channel Crossings Developer Participation	Closed	\$709,000.00
LAS13C93	Cheyenne Channel / Buffalo - Gowan	Closed	\$1,107,787.47
LAS14A95	Washington Avenue - I-15 to Martin Luther King	Closed	\$74,429.00
LAS14B00	Washington Avenue & Freeway Channel North	Closed	\$4,887,278.94
LAS14C11	Freeway Channel-Washington, MLK to Rancho Drive	Open	\$1,073,510.00
LAS15A95	Oakey Storm Drain - I-15 to Decatur Blvd	Closed	\$391,238.42
LAS16A98	Ann Road Channel West/ Allen Lane - Rancho Drive	Closed	\$657,583.31
LAS16B99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	\$1,198,151.00
LAS16C99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	\$17,697.53
LAS16G07	Rancho Detention Basin, Phase II	Closed	\$3,953,168.82
LAS16H07	Rancho Drive System - El Campo Grande Storm Drain	Closed	\$4,634,244.76
LAS16I09	Ann Rd Channel West - Rainbow Blvd	Closed	\$475,475.33
LAS16J09	Rancho System - Beltway to Elkhorn	Closed	\$927,245.27

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS16L11	Rancho Road System - Elkhorn, Ft Apache to Grand Canyon	Closed	\$394,023.05
LAS16M12	Ann Road Channel West - Rainbow Boulevard	Closed	\$3,474,459.19
LAS16N13	Rancho System - Beltway to Elkhorn Road	Closed	\$8,681,088.21
LAS16O13	Rancho Rd System-Elkhorn, Fort Apache to Grand Canyon	Open	\$2,358,400.00
LAS16P15	Rancho Road System - Elkhorn, Grand Canyon to Hualapai	Open	\$654,000.00
LAS16Q18	Rancho Road System-Elkhorn, Grand Canyon to Hualapai	Open	\$5,185,760.00
LAS17A98	Las Vegas Wash/ Rancho Drive System (Peak Dr - Lake Mead)	Closed	\$419,095.42
LAS17D02	Las Vegas Wash - Rancho Drive System (Carey/Lake Mead DB to Peak Dr)	Closed	\$6,273,291.56
LAS17F07	Peak Drive System (Jones Blvd to Michael Way)	Closed	\$4,501,941.03
LAS18A98	Las Vegas 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
LAS22U19	Brent Drainage System-Durango to OHare Ave	Open	\$897,540.00
LAS23C08	Horse Drive Interchange	Closed	\$5,392,419.91

**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>
LAS23D13	Centennial Parkway Channel West - US95 Crossing	Closed	\$1,411,812.73
LAS23E13	Centennial Pkwy Channel West-CC 215, Pioneer Way to US95	Open	\$1,070,687.00
LAS23F14	Centennial Parkway Channel West-CC215, Pioneer Way to US95	Open	\$13,900,000.00
LAS23G15	Centennial Parkway Channel West-US95, CC215 to Durango	Open	\$1,261,471.00
LAS23H15	Centennial Parkway Channel West-US95, Durango to Grand Teton	Open	\$985,231.00
LAS23I17	Cent Pkwy Chnl West-US95, CC215 to Grand Teton, Kyle Cyn	Open	\$26,425,221.00
LAS24B06	Gowan North Channel - El Capitan Way to the Western Beltway	Closed	\$7,636,880.18
LAS24D06	Gowan Lone Mountain System - Branch 4	Closed	\$2,824,592.10
LAS24E07	Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard)	Closed	\$1,595,874.26
LAS24H13	Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd	Closed	\$953,701.76
LAS24I15	Gowan Box Canyon - Lone Mountain Road	Open	\$704,000.00
LAS24J15	Gowan North - El Capitan Branch, Lone Mountain to Ann Road	Open	\$785,478.00
LAS24K17	Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd	Open	\$9,232,062.00
LAS24L17	Gowan North-El Capitan Branch, Ann Rd to Centennial Pkwy	Open	\$861,670.00
LAS24M17	Gowan North-El Capitan Branch, Lone Mtn to Ann Rd.	Open	\$9,630,600.00
LAS25B13	Cedar Avenue Channel Improvements	Open	\$831,489.00
LAS26A07	Grand Teton Overpass - Storm Drain	Closed	\$612,614.83
LAS26B08	Grand Teton Overpass - Storm Drain	Closed	\$1,936,755.45
LAS26C13	Grand Teton - Hualapai to Tee Pee	Closed	\$401,560.15
LAS27A09	Boulder HWY Sahara Ave - Mojave Rd to Boulder HWY	Closed	\$411,967.68
LAS28B11	Oakey Drain - Cahlan to Barnard	Closed	\$5,372,969.90
LAS28C12	Las Vegas Wash - Sloan Channel to Cedar Avenue	Open	\$110,000.00
LAS29A10	Flamingo Wash, Boulder Highway North-Main Street	Closed	\$346,572.69
LAS29B15	Flamingo-Boulder HWY N-Boulder HWY Sahara to Charleston	Open	\$1,726,003.00
LAS29C16	Flamingo-Bldr Hwy, N Charleston-Maryland Pkwy System	Open	\$2,488,829.00
LAS29D17	Flamingo-Boulder Hwy North, Charleston, Main to Maryland	Open	\$1,529,674.00
LAS29E18	Flamingo - Boulder Hwy North - Boulder Hwy, Sahara to Charleston	Open	\$30,664,139.00
LAS30A13	Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard	Open	\$711,938.00
LAS31A17	LVW-Moccasin, Skye Canyon Park to Upper LVW	Open	\$60,000.00
LAS31B18	LVW - Moccasin, Skye Canyon Park to Upper LVW	Open	\$15,393,582.00
LLD04A03	Holmby Channel	Closed	\$621,698.68
LLD04B07	Oakey Boulevard & Tenaya Way Storm Drain	Closed	\$574,017.45

**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>
LLD05A08	Jones Blvd - Alta to Borden Storm Drain	Closed	\$716,389.74
LLD08A11	Lexington Street Storm Drain	Closed	\$926,610.34
LLD09A04	Bruce Street Storm Drain	Closed	\$431,221.89
LLD10A05	Jay Avenue Improvements	Closed	\$548,443.62
LLD10B13	Buckskin Avenue Storm Drain	Open	\$1,200,000.00
LLD12A04	Brush Street Storm Drain	Closed	\$411,351.53
LLD13A02	Crystal Water Way, Lake South Dr to Desert Inn Rd	Closed	\$227,132.20
LLD18A02	Peak Drive, Rainbow Blvd to Torrey Pines Dr	Closed	\$371,781.85
LLD19A18	Luning Drive Storm Drain	Open	\$1,201,965.00
LLD99A09	Gilmore Ave - Decatur Blvd to Thom Blvd Storm Drain	Closed	\$410,867.01
			<b>\$390,782,405.71</b>

**Mesquite**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
MES01A88	Town Wash Detention Basin (Right-of-Way)	Closed	\$9,600.50
MES01B89	Town Wash Detention Basin (Design & Construction)	Closed	\$660,000.00
MES01C02	Town Wash Conveyance, I-15 to Virgin River	Closed	\$977,665.86
MES01E17	Town Wash-Mesa Boulevard, El Dorado to Town Wash	Open	\$495,714.00
MES02A00	Abbott Wash Channel, I-15 to Virgin River	Closed	\$632,380.00
MES04A15	Virgin River Flood Wall	Open	\$1,433,903.00
			<b>\$4,209,263.36</b>

**North Las Vegas**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLD14A15	Oak Island Drive Storm Drain	Closed	\$0.00
NLV01A87	Las Vegas Wash/I-15 to Pecos (Facility Study)	Closed	\$304,000.00
NLV01B87	Las Vegas Wash/Craig-Civic Center (King Charles)	Closed	\$2,415,411.73
NLV01C00	Upper Las Vegas Wash	Closed	\$2,590,459.93
NLV01E07	Tropical Parkway Channel East	Closed	\$1,161,535.61
NLV01G11	Ann Road Channel East, ULVW to Fifth Street	Closed	\$960,970.98
NLV01H13	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$302,073.21
NLV01J15	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Closed	\$3,044,495.91
NLV02A87	W. Trib Las Vegas Wash/Craig -Alexander	Closed	\$1,268,170.85
NLV02B88	W. Trib Las Vegas Wash/Craig Ranch Golf Course-Craig	Closed	\$1,057,430.33
NLV03A88	West Range Wash Detention Basin (Facility Study)	Closed	\$273,068.12
NLV03B88	East Range Wash Detention Basin (Facility Study)	Closed	\$30,000.00
NLV03C91	West Range Wash Diversion Dike	Closed	\$339,338.71
NLV03E13	Hollywood System, Dunes South DB to Centennial Parkway	Open	\$2,706,972.00
NLV03F17	Range Wash - Ann Branch	Open	\$1,081,889.00
NLV03G17	Hollywood System, Centennial Pkwy-Speedway #2 DB	Open	\$1,586,850.00
NLV03H17	Hollywood System, Dunes S DB to Centennial Pkwy-Phase I	Open	\$13,109,000.00

**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>
NLV03I18	Range Wash - Ann Branch, Phase I	Open	\$2,668,000.00
NLV04A89	Gowan Outfall Structure	Closed	\$13,373,572.56
NLV04B00	Gowan Outfall, Craig to Channel	Closed	\$301,821.67
NLV04C01	Gowan Outfall, Craig to Channel	Closed	\$1,566,299.84
NLV04F07	Simmons Street Drainage Improvements - Carey to Craig	Closed	\$2,110,016.45
NLV04G07	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$15,057,798.44
NLV04I11	Simmons Street - Phase II, Carey to Cheyenne	Closed	\$5,464,819.43
NLV04K17	Gowan Outfall, Alexander Rd - Decatur to Simmons Street	Open	\$1,931,156.00
NLV05A89	Upper Las Vegas Wash Detention Basin	Closed	\$1,342,892.36
NLV06A91	Kyle Detention Basin	Closed	\$601,126.71
NLV06B93	Kyle Detention Basin	Closed	\$8,452,713.96
NLV07A92	Camino Al Norte Culvert	Closed	\$86,191.00
NLV08A94	Lower Las Vegas Wash Detention Basin	Closed	\$2,650,037.50
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$3,316,222.35
NLV09A94	Range Wash Chnl W Trib/Confl DB-LV Blvd. + Vandenberg DB	Closed	\$2,299,092.06
NLV09C03	Range Wash - Lamb Blvd Storm Drain	Closed	\$337,143.54
NLV09D07	Range Wash - Lamb Blvd Storm Drain	Closed	\$5,733,340.83
NLV09E11	Vandenberg North Detention Basin & Outfall	Open	\$1,413,000.00
NLV09F13	Beltway Detention Basin and Channel	Closed	\$0.00
NLV09G13	Centennial Collector	Closed	\$50,086.74
NLV09I13	Beltway Detention Basin and Channel	Open	\$1,334,000.00
NLV10A97	A - Channel/Lake Mead Blvd. - Alexander Road	Closed	\$1,822,067.69
NLV10B99	Cheyenne Peaking Basin	Closed	\$3,445,309.49
NLV10F02	Las Vegas Wash Main Branch, Cheyenne Avenue to Lake Mead Boulevard	Closed	\$353,900.87
NLV10H07	Las Vegas Wash - Lake Mead Blvd to Las Vegas Blvd	Closed	\$2,069,215.34
NLV10I09	Las Vegas Wash - Las Vegas Blvd to Cheyenne Ave	Closed	\$697,124.80
NLV10K11	LVW - LV Blvd to Cheyenne Avenue	Closed	\$6,382,656.86
NLV11A97	W. Trib Las Vegas Wash (Camino Al Norte to Ann Rd)	Closed	\$1,494,634.14
NLV11B97	W. Trib Las Vegas Wash, Ph II (Ann Rd to Centennial PKWY)	Closed	\$2,154,439.86
NLV12A97	Clayton Channel- WTLVW >Centennial PKWY> Allen Ln	Closed	\$40,408.90
NLV13A98	Tributary to the Western Tributary @ Craig Rd	Closed	\$801,419.92
NLV13B02	Tributary to the Western Tributary at Craig Road	Closed	\$5,443,730.21
NLV14A00	Tributary to the Western Tributary @ Alexander Rd	Closed	\$735,930.14
NLV15A00	Las Vegas Wash - Losee Project	Closed	\$87,613.81
NLV16A00	Simmons Street Channel	Closed	\$1,013,785.70
NLV17A00	Centennial Parkway Channel East	Closed	\$2,486,927.42
NLV17B08	Centennial Parkway Channel East	Closed	\$19,334,832.52
NLV17C16	Fifth Street Collector, Centennial Pkwy to Deer Springs Way	Open	\$726,079.00

**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>
NLV17D18	Fifth St Collector, Centennial Pkwy to Deer Spgs Way	Open	\$5,416,000.00
NLV18A07	Colton Channel	Closed	\$1,175,047.77
NLV18B07	Brooks Channel	Closed	\$594,278.02
NLV18C07	Freeway Channel - Owens Avenue to Miller Avenue	Closed	\$1,528,308.05
NLV18D09	Freeway Channel - Owens Ave to Miller Ave, Phase I	Closed	\$4,389,989.00
NLV18E11	Freeway Channel - Owens Ave to Miller Avenue - Phase II	Closed	\$6,441,348.71
NLV18F13	Central Freeway Channel At Cheyenne	Closed	\$694,097.08
NLV18H14	Brooks Channel	Closed	\$4,689,970.93
NLV18I16	Central Freeway Channel at Cheyenne	Closed	\$9,663,354.07
			<u>\$186,003,468.12</u>
	<b>Grand Total</b>		<u><u>\$1,124,595,121.99</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	\$1,517,000.00
CLA06B93	Range Wash Confluence DB ROW & Construction	Closed	\$9,575,705.90
CLA07C03	Sloan Channel, Las Vegas Wash to Charleston	Closed	\$11,371,793.05
CLA08C98	Lower Duck Creek Detention Basin & Outfall Channel	Closed	\$12,823,423.07
CLA08T14	Duck Creek, Las Vegas Boulevard	Open	\$7,400,000.00
CLA09B99	Durango Collector (Twain to Hacienda)	Closed	\$9,485,138.68
CLA10B99	Tropicana Wash, Paradise Road to Koval Lane	Closed	\$2,087,199.75
CLA10C03	Tropicana North Branch Detention Basin	Closed	\$3,763,800.00
CLA10E09	Tropicana North Branch Detention Basin	Closed	\$950,229.12
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	\$5,327,982.96
CLA13C98	Lakes DB Collection System	Closed	\$17,986,141.42
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephaine St)--ROWA	Closed	\$1,598,918.50
CLA14M03	Duck Creek, Broadbent Blvd Bridge and Channel	Closed	\$2,176,640.38
CLA14N03	Duck Creek, Broadbent Blvd to Boulder Highway	Closed	\$5,832,117.22
CLA14P03	Duck Creek, Eldorado Lane to Spencer Street	Closed	\$343,994.59
CLA14Q04	Duck Creek, Topaz Street to Eastern Avenue	Closed	\$2,119,552.08
CLA14W11	Duck Creek, Robindale to I-215	Closed	\$650,561.15
CLA15B99	Colorado Avenue Storm Drain System	Closed	\$15,259,421.39
CLA15E13	LVW-Sloan to Stewart-Flam Wash below Nellis	Open	\$84,184,000.00
CLA15F16	Las Vegas Wash - Water Reclamation Channel	Closed	\$3,400,000.00

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA16L09	Lower Blue Diamond Detention Basin	Closed	\$2,581,701.25
CLA16M09	Blue Diamond Wash Wigwam, UPRR to Rainbow Blvd	Closed	\$5,067,171.04
CLA16N09	Blue Diamond Wash Wigwam, UPRR to Jones Blvd	Closed	\$0.00
CLA17A98	Blue Diamond Chnl/Durango Dr - Rainbow Blvd (Beltway 7B)	Closed	\$1,021,760.73
CLA17D04	Blue Diamond Channel - Jones Branch	Closed	\$641,602.04
CLA18A98	Red Rock Channel/Russell Rd - Hualapai Way	Closed	\$1,793,162.82
CLA19D03	Red Rock Channel, Naples Branch	Closed	\$9,885,005.24
CLA26D11	Flamingo Diversion-South Buffalo Branch, Flamingo Wash to Sunset Rd	Closed	\$7,030,263.37
CLA27D13	Flamingo Diversion - Rainbow Branch	Closed	\$9,654,169.07
			<u>\$260,969,250.01</u>

**Clark County Outlying**

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



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

**Henderson**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01D91	Pittman Wash Channel - Phase II Construction	Closed	\$2,071,148.80
HEN01E93	Pittman Wash Channel Phase IIIA Construction	Closed	\$776,682.83
HEN03B92	UPRR Channel Construction	Closed	\$2,149,477.47
HEN04C93	Mission Hills System Construction	Closed	\$5,503,671.37
HEN04D94	C-1 Channel / Lake Mead Dr. - Burkholder	Closed	\$3,398,432.50
HEN04E96	Mission Hills Western Interceptor Diversion	Closed	\$2,100,000.00
HEN04J99	Black Mountain Detention Basin & Outfall	Closed	\$5,233,184.00
HEN04L01	C-1 Chnl, Mdl & Upr Reaches-PhI: Burkholder - Boulder HWY	Closed	\$4,784,787.10
HEN04M03	C-1 Channel, Upper & Middle Reaches - Vermillion Dr - Boulder HWY	Closed	\$3,689,653.67
HEN05B98	Pioneer DB Outfall	Closed	\$2,952,988.96
HEN05F12	Pioneer Detention Basin Expansion and Inflow	Closed	\$1,330,852.11
HEN05G16	Horizon Ridge Detention Basin	Open	\$7,506,000.00
HEN06J13	Equestrian Detention Basin Expansion	Closed	\$1,025,764.52
HEN06K13	Equestrian Tributary, Phase II	Closed	\$2,147,066.76
HEN07C11	Pittman Park Peaking Basin Modification	Closed	\$0.00
HEN12D03	Pittman Wash - Burns	Closed	\$257,326.75
HEN12E05	Gibson Conveyance System	Closed	\$2,164,571.54
HEN12J16	Palm Hills Channel	Closed	\$1,880,256.03
HEN13B03	Boulder Highway Channel	Closed	\$6,534,523.99
HEN15B02	Pittman Wash Railroad Channel, Phase I (Resol. No. 02-6)	Closed	\$1,989,679.32
HEN15C04	Pittman Wash Railroad Channel, US-95 to Major Avenue	Closed	\$5,537,919.81
HEN18A03	Drake Channel	Closed	\$75,265.32
HEN19A03	Northeast Detention Basin and Levee	Closed	\$1,134,804.61
HEN20B04	C-1 Channel, US-95 Tributary 1	Closed	\$1,522,849.50
HEN23B16	Center Street Storm Drain	Closed	\$8,266,384.95
HLD06A15	Appaloosa Storm Drain, Local Drainage Project	Closed	\$925,332.15
			<u>\$74,958,624.06</u>

**Las Vegas**

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

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS09T04	Freeway Channel, Charleston Lateral	Closed	\$4,336,897.56
LAS10C94	Lone Mtn. Detention Basin	Closed	\$315,482.25
LAS10I98	Gowan North Channel, Ph II/Durango Dr	Closed	\$5,455,374.03
LAS10T02	Gowan North System - Ph III: Alexander Rd to Lone Mtn Rd	Closed	\$7,539,040.96
LAS10V03	GNC - Lone Mountain Road (El Capitan Way to the Western Beltway)	Closed	\$634,984.37
LAS10W04	Lone Mountain System, Lone Mtn DB Outfall to Durango	Closed	\$2,734,160.02
LAS10X05	Ann Road Detention Basin Facilities (CAM 10 DB)	Closed	\$9,317,720.04
LAS14D14	Freeway Channel-Washington, MLK to Rancho Drive	Open	\$11,555,343.00
LAS16D01	Ann Road, Allen Lane to Rancho Drive	Closed	\$7,069,867.82
LAS16E04	Rancho Detention Basin, Phase II	Closed	\$464,510.86
LAS16F04	Rancho Road System (El Campo Grande Storm Drain)	Closed	\$573,652.99
LAS17E03	Peak Drive System (Jones Blvd to Michael Way)	Closed	\$456,338.90
LAS19C05	Owens Avenue System (Vegas Dr Storm Drain) - Michael Way to Rancho Drive	Closed	\$1,596,671.67
LAS21A03	Upper Las Vegas Wash Facility Study	Closed	\$243,392.60
LAS22A03	Decatur/Elkhorn/Rainbow System Predesign	Closed	\$368,594.70
LAS22M09	Las Vegas Wash - Rainbow (Elkhorn Rd to Grand Teton Dr)	Closed	\$7,696,565.04
LAS22N09	Las Vegas Wash - Decatur & Elkhorn, CC 215	Closed	\$25,788,320.03
LAS22O09	N & S Environ Enhancement Areas - Floyd Lamb Park	Closed	\$25,314,907.94
LAS22P09	Elkhorn Springs & Buffalo Storm Drain	Closed	\$1,567,520.54
LAS24F10	Gowan Outfall - Lone Mountain Branch (Rancho to Decatur)	Closed	\$10,109,824.95
LAS26D14	Grand Teton - Hualapai to Tee Pee	Closed	\$6,245,247.37
LAS28A10	Langtry Channel Bonanza to Washington Avenue	Closed	\$1,002,676.43
			<b>\$228,961,120.49</b>

**Mesquite**

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

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

**North Las Vegas**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV01D03	Upper Las Vegas Wash	Closed	\$31,132,709.75
NLV01F09	Tropical Parkway Channel East	Closed	\$5,900,026.83
NLV01H14	Ann Road Channel East, ULVW to Fifth Street	Closed	\$5,580,349.42
NLV03D93	West Range Wash Diversion Dike	Closed	\$2,251,608.79
NLV03J19	Hollywood System, Phase II, NAFB Reach	Open	\$19,610,000.00
NLV04D04	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$1,179,589.48
NLV04H09	Simmons Street Drainage Improvements - Gowan Outfall	Closed	\$2,280,988.68
NLV04J14	Simmons Street Drainage Impvments-Alexander to Gowan Outfall	Closed	\$14,878,224.09
NLV05B92	Upper Las Vegas Wash Detention Basin Construction	Closed	\$8,010,318.87
NLV06B93	Kyle Detention Basin	Closed	\$5,037,000.00
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$4,433,240.98
NLV09B99	Vandenberg Detention Basin	Closed	\$5,347,006.76
NLV09H14	Centennial Collector	Closed	\$2,256,922.92
NLV09J19	Beltway Detention Basin, Collection and Outfall	Open	\$16,192,926.00
NLV10E03	"A" Channel Three Bridges Project (Cheyenne Ave, Las Vegas Blvd, and Carey Ave)	Closed	\$9,966,315.63
NLV10G03	Cheyenne Peaking Basin, Collection & Outfall - Alexander Rd to Cheyenne Ave	Closed	\$15,482,525.64
NLV10J10	LV Wash Main Branch-LV Blvd. to Lake Mead Blvd.	Closed	\$21,161,048.84
NLV11C98	W. Trib Las Vegas Wash Chnl, Ph I (Ann Rd - Clayton St)	Closed	\$7,898,144.87
NLV11D99	W. Trib Las Vegas Wash, Ph III (LLVWDB to Camino Al Norte)	Closed	\$2,499,963.56
NLV11E99	W. Trib of the Las Vegas Wash, Ph II (Ann to Centennial)	Closed	\$7,772,320.98
NLV14B03	Tributary to the Western Tributary @ Alexander Rd	Closed	\$7,636,332.88
NLV15B03	Las Vegas Wash - Losee Road	Closed	\$1,142,595.43
NLV16B03	Simmons Street Channel	Closed	\$4,885,102.93
NLV18G14	Colton Avenue Flood Control Improvements	Closed	\$6,811,918.64
			<b>\$209,347,181.97</b>
		<b>Grand Total</b>	<b><u><u>\$811,604,745.18</u></u></b>

**FY 2019-20 PROJECTS FUNDED SUMMARY**

Facility Description	Project Number	Project Scope (1)	Year-1 Programmed (2)	Year-2/Year-3 Programmed (2)/(3)	Funding Amount (4)	Approval Date	Item #
<b>HENDERSON (Southeast Las Vegas Valley)</b>							
Galleria to Sunset		Construction	1,463,860.00				
Whitney Wash Channel Replacement Project		Construction	0.00	6,463,809.00			
Whitney Wash Channel Replacement Project, Phase II		Construction	0.00	1,747,281.00			
Boulder Highway Crossing at Water Street		Construction	731,798.00	0.00			
		<b>Henderson Total</b>	<b>\$2,195,658.00</b>	<b>\$8,211,090.00</b>	<b>\$0.00</b>		
<b>HENDERSON 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$10,406,748.00</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$13,280,515.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$13,280,515.00</b>				

<b>LAS VEGAS (Central Las Vegas Valley)</b>							
Lake Mead - Carey - Lake Mead Detention Basin Outfall		Design	12,474.00	0.00			
Lake Mead - Carey - Lake Mead Detention Basin Outfall		Construction	0.00	115,613.00			
Brent Drainage System - Durango Drive to O'Hare Avenue	LAS22U19	Design	897,540.00	0.00	897,540.00	7/11/2019	13
Flamingo - Boulder Hwy. North, Charleston - Boulder Hwy. to Maryland Parkway and Maryland Pkwy. System		Construction	44,022,755.00	0.00			
Gowan - Alexander Rd., Rancho to Decatur		Construction	0.00	10,499,261.00			
Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street		Construction	0.00	27,861,914.00			
Gowan Outfall - El Capitan Branch, Ann Road to Centennial		Construction	0.00	7,582,927.00			
		<b>Las Vegas Total</b>	<b>\$44,932,769.00</b>	<b>\$46,059,715.00</b>	<b>\$897,540.00</b>		
<b>LAS VEGAS 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$90,992,484.00</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$95,216,306.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$94,318,766.00</b>				

<b>NORTH LAS VEGAS (Northern Las Vegas Valley)</b>							
Las Vegas Wash Cartier Channel		Design	698,289.00	0.00			
Jim McGaughey Detention Basin, Collection & Outfall - 2nd Supplemental	CLA36A18	Design	1,000,000.00	0.00	1,000,000.00	7/11/2019	11
Jim McGaughey Detention Basin, Collection & Outfall - 2nd Supplemental	CLA36A18	Right-of-Way	2,000,000.00	0.00	2,000,000.00	7/11/2019	11
Jim McGaughey Detention Basin and Outfall		Construction	0.00	14,259,269.00			
Vandenberg North Detention Basin & Outfall - 7th Supplemental	NLV09E11	Design	121,770.00	0.00	121,770.00	8/8/2019	
Vandenberg North Detention Basin, Collection & Outfall - Phase II	NLV09K19	Construction	30,499,000.00	0.00	30,499,000.00	8/8/2019	
Range Wash - Ann Branch, Phase 2		Construction	0.00	10,002,021.00			
Hollywood System, Centennial Pkwy. to Speedway #2 Detention Basin		Construction	5,522,594.00	0.00			
		<b>North Las Vegas Total</b>	<b>\$39,841,653.00</b>	<b>\$24,261,290.00</b>	<b>\$33,620,770.00</b>		
<b>NORTH LAS VEGAS 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$64,102,943.00</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$68,696,440.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$35,075,670.00</b>				

<b>CLARK COUNTY (Southwest Las Vegas Valley and Outlying Areas)</b>							
Airport Channel - Naples Channel and Peaking Basin		Construction	26,750,000.00	0.00			
Flamingo Wash - Industrial Road to Hotel Rio Dr.		Construction	1,400,000.00	0.00			
Wagon Trail Channel - Sunset to Teco		Construction	0.00	1,399,667.00			
Flamingo Wash, Maryland to Palos Verde		Construction	0.00	2,971,255.00			
Tropicana Avenue Conveyance - Las Vegas Wash to Boulder		Design	670,000.00	0.00			
Tropicana Avenue Conveyance - Las Vegas Wash to Boulder		Construction		18,925,790.00			
Blue Diamond Wash - Arville to I-15		Construction	0.00	5,840,757.00			
Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.		Construction	0.00	5,679,467.00			
Duck Creek Jones Boulevard		Construction	2,224,094.00	0.00			
Silverado Ranch Detention Basin and Outfall Facilities		Construction	22,276,036.00	0.00			
Blue Diamond Channel 02, Decatur - Le Baron to Richmar		Construction	3,500,000.00	0.00			
Duck Creek, Sunset Park		Design	2,195,544.00	0.00			
Duck Creek Wash, Torrey Pines to Rainbow		Construction	600,000.00	0.00			
Duck Creek Haven Street		Construction	3,463,786.00	0.00			
Jess Waite Wash Diversion Dike		Construction	1,581,566.00	0.00			
Searchlight - West - State Hwy 164		Design	56,825.00	0.00			
Searchlight - West - State Hwy 164		Construction	0.00	736,504.00			
Goodsprings - Phase I		Right-of-Way	74,454.00	0.00			
Goodsprings - Phase I		Construction	919,494.00	0.00			
Hiko Detention Basin Expansion		Design	154,448.00	0.00			
Fairgrounds - Detention Basin (Whipple Street)		Construction	11,237,678.00	0.00			
		<b>Clark County Total</b>	<b>\$77,103,925.00</b>	<b>\$35,553,440.00</b>	<b>\$0.00</b>		
<b>CLARK COUNTY 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$112,657,365.00</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$131,270,653.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$131,270,653.00</b>				

**FY 2019-20 PROJECTS FUNDED SUMMARY**

Facility Description	Project Number	Project Scope (1)	Year-1 Programmed (2)	Year-2/Year-3 Programmed (2)/(3)	Funding Amount (4)	Approval Date	Item #
<b>CITY OF MESQUITE</b>							
Town Wash - Mesa Boulevard, El Dorado to Town Wash		Construction	4,992,880.00	0.00			
Town Wash - Mesa Boulevard, El Dorado to Town Wash - 3rd Supplemental	MES01E17	Design	79,198.00	0.00	79,198.00	7/11/2019	12
<b>City of Mesquite Total</b>			<b>\$5,072,078.00</b>	<b>\$0.00</b>	<b>\$79,198.00</b>		
<b>MESQUITE 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$5,072,078.00</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$13,379,188.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$13,299,990.00</b>			

<b>BOULDER CITY</b>							
Hemenway System, Phase IIB Improvements		Construction	0.00	4,351,925.00			
Wells Drive Levee Lining		Design	29,022.00	0.00			
<b>Boulder City Total</b>			<b>\$29,022.00</b>	<b>\$4,351,925.00</b>	<b>\$0.00</b>		
<b>BOULDER CITY 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$4,380,947.00</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$4,761,826.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$4,761,826.00</b>			

<b>SUMMARY</b>	
<b>TOTAL 3-YEAR PROJECTS PROGRAMMED<sup>(2)</sup></b>	<b>\$287,612,565.00</b>
<b>TOTAL ESTIMATED RESOURCES (Year-1)</b>	<b>\$238,993,581.00</b>
<b>TOTAL REMAINING DESIGN PROJECTS (Year-1)</b>	<b>\$3,816,602.00</b>
<b>TOTAL PROJECTS FUNDED (Year-1)</b>	<b>\$34,597,508.00</b>
<b>CURRENT AVAILABLE CONSTRUCTION RESOURCES (Year-1)</b>	<b>\$200,579,471.00</b>

<b>LOCAL DRAINAGE (5)</b>							
Chickasaw Storm Drain	HLD06B19	Construction	1,999,964.00	0.00	1,999,964.00	7/11/2019	15
Katie Avenue Storm Drain - Closeout	CLD19A17	Construction	(42,611.62)	0.00	(42,611.62)	7/11/2019	8
			0.00	0.00			
<b>Local Drainage Total</b>			<b>\$1,957,352.38</b>	<b>\$0.00</b>	<b>\$1,957,352.38</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 2019-20</b>						
Aug-19	ESTIMATED REMAINING FISCAL YEAR CIP RESOURCES				\$126,828,256		
	Vandenberg North Detention Basin & Outfall - 7th Supplemental	NLV09E11	\$121,770		\$126,706,486		
	Vandenberg North Detention Basin, Collection & Outfall, Phase II	NLV09K19	\$30,499,000		\$96,207,486		
	No Projects Awaiting Funding						

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

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM


<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
Vandenberg North Detention Basin & Outfall	NLV09E11	Item #09 7 <sup>th</sup> Supplemental	\$ 0.00	\$ 121,770.00
Vandenberg North Detention Basin, Collection & Outfall, Phase II	NLV09K19	Item #10b Original	\$32,552,200.00	\$30,499,000.00

Respectfully submitted,

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

TAC AGENDA ITEM #05 Date: 07/25/19	RFCD AGENDA ITEM # Date: 08/08/19
CAC AGENDA ITEM #05 Date: 07/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>  TEN YEAR CONSTRUCTION PROGRAM AMENDMENTS  In accordance with Policies and Procedures Section II.B.9 general amendments can be processed to address scheduling changes and/or the need for additional funding. This agenda item addresses requested changes in funding, positive and negative, associated with this agenda as they impact the Ten-Year Construction Program (TYCP).	Date: 07/15/19
<b>Staff Recommendation:</b>  Approve.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #05 Date: 07/25/19
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #05 Date: 07/29/19
<b>Recommendation:</b>	



EXHIBIT C

**CITY OF NORTH LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended August 8, 2019**

	Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024								
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22	Board Date	Amount	Amendment?	Project No.		
<b>TOTAL PLAN</b>				<b>\$899,655,079</b>	<b>\$253,190,812</b>	<b>\$42,076,140</b>	<b>\$45,535,206</b>						
Unencumbered from previous year	(\$14,197,230)			<b>\$884,110,890</b>	\$69,818,477	\$29,341,050	\$26,788,879						
<b>ENTITY RESOURCES</b>				<b>\$207,494,839</b>	\$47,476,108	\$10,191,256	\$11,029,076						
Unencumbered from previous year	(\$13,849,204)				\$7,834,455	\$6,289,616	\$3,059,423						
<b>ENTITY TOTAL</b>		<b>\$808,695,860</b>	<b>\$486,095,816</b>	<b>\$202,632,836</b>	<b>\$39,841,653</b>	<b>\$11,536,095</b>	<b>\$14,269,269</b>					<b>\$33,620,770</b>	
<b>HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH</b>		<b>\$420,934,570</b>	<b>\$182,748,948</b>	<b>\$33,719,147</b>	<b>\$698,289</b>	<b>\$1,534,074</b>	<b>\$0</b>					<b>\$0</b>	
<b>SYSTEM: LV Wash Craig</b>		<b>\$192,994,230</b>	<b>\$37,622,500</b>	<b>\$7,209,111</b>	<b>\$0</b>	<b>\$665,382</b>	<b>\$0</b>					<b>\$0</b>	
<b>PROJECT: North Las Vegas Detention Basin Upgrade</b>													
Design/Admin			\$1,076,670			\$665,382							
Right-of-way	LVUP 0408		\$861,340	\$7,209,111									
Construction			\$5,383,350										
<b>SYSTEM: Cheyenne Lamb Nellis</b>		<b>\$79,573,170</b>	<b>\$132,642,548</b>	<b>\$26,510,036</b>	<b>\$698,289</b>	<b>\$868,692</b>	<b>\$0</b>					<b>\$0</b>	
<b>PROJECT: Lake Mead Drain to Las Vegas Wash</b>													
Design/Admin			\$1,405,650			\$868,692							
Right-of-way	LVLE 0000, 0047		\$1,124,520	\$8,411,878									
Construction			\$7,028,250										
<b>PROJECT: Las Vegas Boulevard Drain</b>													
Design/Admin			\$1,302,860										
Right-of-way	LVLV 0000		\$1,042,290	\$8,532,537									
Construction			\$6,514,300										
<b>PROJECT: Las Vegas Wash Cardier Channel</b>													
Design/Admin			\$1,163,815			\$698,289							
Right-of-way	LVCC 0000, 0030, 0036		\$931,046	\$7,566,621									
Construction		RTC Lead	\$5,819,056										

EXHIBIT C

CITY OF NORTH LAS VEGAS  
 10-YEAR CONSTRUCTION PROGRAM  
 Amended August 8, 2019

	Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024						
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22				
<b>TOTAL PLAN</b>				<b>\$899,655,079</b>	<b>\$253,190,812</b>	<b>\$42,076,140</b>	<b>\$45,535,206</b>				
Unencumbered from previous year	(\$14,197,230)			<b>\$884,110,890</b>	\$69,818,477	\$29,341,050	\$26,788,879				
<b>ENTITY RESOURCES</b>				<b>\$207,494,839</b>	<b>\$47,476,108</b>	<b>\$10,191,256</b>	<b>\$11,028,076</b>				
Unencumbered from previous year	(\$13,849,204)				\$7,634,455	\$6,289,616	\$3,059,423				
<b>ENTITY TOTAL</b>				<b>\$202,632,836</b>	<b>\$39,841,653</b>	<b>\$11,536,095</b>	<b>\$14,259,269</b>	Board Date	Amount	Amendment?	Project No
<b>HYDROGRAPHIC BASIN: RANGE</b>				<b>\$196,209,210</b>	<b>\$262,706,330</b>	<b>\$136,308,626</b>	<b>\$39,143,364</b>	<b>\$10,002,021</b>	<b>\$14,259,269</b>	<b>\$33,620,770</b>	
<b>SYSTEM: Lower Range</b>				<b>\$92,621,110</b>	<b>\$53,363,990</b>	<b>\$22,996,109</b>	<b>\$3,000,000</b>	<b>\$0</b>	<b>\$14,259,269</b>	<b>\$3,000,000</b>	
<b>PROJECT: Orchard Collector - Charleston to Linden</b>											
Design/Admin					Design Started 00/01	\$428,180					
Right-of-way	SLOR 0158				CLAZ1A00	\$342,530					
Construction				\$3,210,000	Est	\$2,140,810					
<b>PROJECT: Jim McGaughey (Formerly Owens) Detention Basin &amp; Outfall</b>											
2nd Supplement	Design/Admin				Design Started 17/18	\$961,680		\$1,000,000	\$932,849	7/11/2019	CLAZ36A18
2nd Supplement	Right-of-way	SLWA 0130 thru 0175 & SLOW 0000, 0005		\$17,259,269	CLAZ36A16	\$769,320		\$2,000,000		7/11/2019	CLAZ36A18
Construction						\$4,808,280			\$13,326,420		
<b>PROJECT: Range Wash - Sloan Channel, Stewart Bridge</b>											
Design/Admin						\$355,720					
Right-of-way	RWBL 0187			\$2,528,840		\$284,570					
Construction						\$1,778,580					
<b>SYSTEM: West Range</b>				<b>\$85,613,560</b>	<b>\$145,159,210</b>	<b>\$94,535,809</b>	<b>\$30,620,770</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,620,770</b>	
<b>PROJECT: Nellis Storm Drain - Sloan Channel to Craig</b>											
Design/Admin						\$3,256,870					
Right-of-way	SLNL 0000, 0084			\$24,544,198		\$2,605,500					
Construction						\$18,284,370					
<b>PROJECT: Las Vegas Boulevard Storm Drain - Nellis to Range</b>											
Design/Admin						\$2,585,440					
Right-of-way	SLLV 0000			\$20,088,708		\$2,066,350					
Construction						\$12,927,190					
<b>PROJECT: Range Wash - Beltway Conveyance</b>											
Design/Admin						\$2,008,390					
Right-of-way	RWBW 0035-0083, RWWE 0518 - 0560			\$16,136,448		\$1,606,720					
Construction						\$10,041,830					
<b>PROJECT: Vandenberg North Detention Basin, Collection &amp; Outfall - Phase 2</b>											
Design/Admin					PreDesign Started 10/11	\$2,132,880		\$1,995,000		8/8/2019	NLV09K19
7th Supplement	Design/Admin	RWWE 0352, 0397, 0406, 0407, 0409, 0422, 0428, 0439, 0454		\$30,620,770	NLV09E11	\$1,706,290		\$121,770		8/8/2019	NLV09E11
Construction					Eng Est	\$10,864,330		\$28,504,000		8/8/2019	NLV09K19
<b>PROJECT: Beltway Collection System - Pecos</b>											
Design/Admin						\$549,500					
Right-of-way	RWWE 0500 & RWBW 0011, 0013			\$4,166,886		\$439,600					
Construction						\$2,958,960					
<b>SYSTEM: East Range</b>				<b>\$17,974,540</b>	<b>\$64,185,130</b>	<b>\$18,776,908</b>	<b>\$5,522,594</b>	<b>\$10,002,021</b>	<b>\$0</b>	<b>\$0</b>	
<b>PROJECT: Range Wash - Ann Branch, Phase 2</b>											
Design/Admin					Design started 16/17	\$1,638,080			\$674,889		
Right-of-way	RWAN 0001, 0050			\$10,002,021	NLV03F17	\$1,310,460					
Construction						\$8,190,420		\$9,327,132			
<b>PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin</b>											
Design/Admin					Design started 16/17	\$1,022,710		\$409,084			
Right-of-way	RWHW 0300, 0365, 0388, 0410			\$6,522,594	NLV03G17	\$618,180					
Construction						\$5,113,510		\$5,113,510			
<b>PROJECT: Speedway North Detention Basin and Outfall</b>											
Design/Admin						\$1,888,870					
Right-of-way	RWHW 0488, 0489, 0489, 0500			\$3,252,293		\$1,511,090					
Construction						\$9,444,330					
<b>HYDROGRAPHIC BASIN: Apex</b>				<b>\$0</b>	<b>\$0</b>	<b>\$32,604,863</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	
<b>PROJECT: North Apex - System 1 Detention Basin and Outfall</b>											
Design/Admin						\$3,815,130					
Right-of-way	NAP1 0000, 0002, 0006, 0182, 0183, 0184			\$32,604,863		\$3,052,090					
Construction						\$18,240,810					

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>  MASTER PLAN UPDATE FOR THE OUTLYING AREAS OF CLARK COUNTY
<b>PETITIONER:</b>  STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
<b>RECOMMENDATION OF PETITIONER:</b>  APPROVE AND AUTHORIZE THE CHAIR TO SIGN THE FIRST AMENDMENT TO THE CONSULTANT CONTRACT TO PREPARE A MASTER PLAN UPDATE FOR THE OUTLYING AREAS OF CLARK COUNTY, INCLUDING BLUE DIAMOND, COYOTE SPRINGS, GOODSPRINGS, INDIAN SPRINGS, JEAN, LAUGHLIN, MOUNT CHARLESTON, NELSON, PRIMM, AND SEARCHLIGHT. (FOR POSSIBLE ACTION)


**FISCAL IMPACT:** None.

**BACKGROUND:**

On November 8, 2018, the District entered into a professional services agreement with Louis Berger Group to prepare a Master Plan Update for the Outlying Areas of Clark County, including Blue Diamond, Coyote Springs, Goodsprings, Indian Springs, Jean, Laughlin, Mount Charleston, Nelson, Primm and Searchlight.

At this time, it is necessary to extend the completion date of the agreement from November 8, 2018 to March 31, 2020 to complete the project through adoption and allow adequate time to produce hard copies and distribute to anticipated users. The agreement has been reviewed by the District Attorney and is included in the backup. Staff recommends approval.

Respectfully submitted,

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

TAC AGENDA ITEM #06 Date: 07/25/19	RFCD AGENDA ITEM # Date: 08/08/19
CAC AGENDA ITEM #06 Date: 07/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	Date: 07/15/19
<b>MASTER PLAN UPDATE FOR THE OUTLYING AREAS OF CLARK COUNTY FIRST AMENDMENT TO THE CONSULTANT AGREEMENT</b>	
<p>On November 8, 2018, the District entered into a professional services agreement with Louis Berger Group to prepare a Master Plan Update for the Outlying Areas of Clark County, including Blue Diamond, Coyote Springs, Goodsprings, Indian Springs, Jean, Laughlin, Mount Charleston, Nelson, Primm and Searchlight.</p> <p>At this time, it is necessary to extend the completion date of the agreement from November 8, 2018 to March 31, 2020 to complete the project through adoption and allow adequate time to produce hard copies and distribute to anticipated users. The agreement has been reviewed by the District Attorney and is included in the backup. Staff recommends approval.</p>	
<b>Staff Recommendation:</b>	
Approve.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #06 Date: 07/25/19
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #06 Date: 07/29/19
<b>Recommendation:</b>	

**FIRST AMENDMENT TO THE AGREEMENT FOR  
PROFESSIONAL SERVICES  
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT  
AND  
LOUIS BERGER U.S., INC.  
MASTER PLAN UPDATE FOR THE OUTLYING AREAS OF  
CLARK COUNTY**

THIS FIRST AMENDMENT TO THE AGREEMENT is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2019, by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (hereinafter referred to as "DISTRICT") and LOUIS BERGER U.S., INC. (hereinafter referred to as "CONSULTANT"), for a Master Plan Update for the Outlying Areas of Clark County (hereinafter referred to as the "PROJECT").

**WITNESSETH**

**WHEREAS**, the DISTRICT desires to complete a Master Plan Update for the Outlying Areas of Clark County.

**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;

**WHEREAS**, a professional services agreement was entered into between the DISTRICT and CONSULTANT on November 8, 2018; and

**WHEREAS**, the DISTRICT and CONSULTANT wishes to extend the term of the Agreement to complete the project through adoption and allow adequate time to produce hard copies and distribute to anticipated users.

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

**Section V**

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

E. This AGREEMENT shall begin on November 8, 2018 and terminate on March 31, 2020 unless it is extended before the termination date with the mutual written consent of both parties or earlier terminated pursuant to Section VI.

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

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

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

LOUIS BERGER U.S., INC.

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Syndi Dudley, PhD., PE  
Vice President

ATTEST:

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

APPROVED AS TO LEGALITY ONLY:

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

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

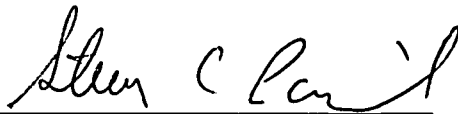
<b>SUBJECT:</b>
HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL UPDATE
<b>PETITIONER:</b>
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
<b>RECOMMENDATION OF PETITIONER:</b>
APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE CONSULTANT CONTRACT WITH ATKINS NORTH AMERICA, INC., TO PREPARE AN UPDATE TO THE HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** \$600,000

**BACKGROUND:** At the February 14, 2019 meeting, the Board of Directors authorized the General Manager to issue a request for proposals, select a consultant, and negotiate a contract for professional services to prepare an update to the Hydrologic Criteria and Drainage Design Manual.

Four (4) proposals were received before 4:00 p.m. on March 14, 2019 and reviewed by a committee comprised of District staff and Public Works staff from Clark County and the cities of Boulder City, Mesquite, Henderson, Las Vegas, and North Las Vegas. Based upon committee rankings, the consulting team lead by Atkins North America, Inc., was selected and a contract in the amount of \$600,000 has been negotiated. The contract has been reviewed by the District Attorney.

Respectfully submitted,



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

TAC AGENDA ITEM #07 Date: 07/25/19	RFCD AGENDA ITEM # Date: 08/08/19
CAC AGENDA ITEM #07 Date: 07/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	Date: 07/15/19
<b>HYDROLOGIC CRITERIA AND DRAINAGE DESIGN MANUAL UPDATE PROFESSIONAL SERVICES AGREEMENT</b>	
At the February 14, 2019 meeting, the Board of Directors authorized the General Manager to issue a request for proposals, select a consultant, and negotiate a contract for professional services to prepare an update to the Hydrologic Criteria and Drainage Design Manual.	
Four (4) proposals were received before 4:00 p.m. on March 14, 2019 and reviewed by a committee comprised of District staff and Public Works staff from Clark County and the cities of Boulder City, Mesquite, Henderson, Las Vegas, and North Las Vegas. Based upon committee rankings, the consulting team lead by Atkins North America, Inc., was selected and a contract in the amount of \$600,000 has been negotiated. The contract has been reviewed by the District Attorney.	
<b>Staff Recommendation:</b>	
Approve.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #07 Date: 07/25/19
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #07 Date: 07/29/19
<b>Recommendation:</b>	



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

THIS AGREEMENT is made and entered into this 8th day of August, 2019, by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (hereinafter referred to as "DISTRICT") and Atkins North America Inc., a Florida Corporation authorized to do business here in Clark County (hereinafter referred to as "CONSULTANT"), for an Update to the Hydrologic Criteria and Drainage Design Manual (hereinafter referred to as the "PROJECT").

**WITNESSETH**

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

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

**WHEREAS**, the CONSULTANT represents that it is properly registered and qualified in accordance with the Nevada Revised Statutes and has the personnel and facilities necessary to accomplish the PROJECT within the required time; 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, plans, surveys, records, and other documents pertinent to flooding, flood control facilities, public properties, property developments, and other physical features related to the PROJECT.

2. Copies of previously prepared reports, publications, design hydrologic and hydraulic data, flooding information, flooding data, rainfall/runoff data, representative local drainage requirements (i.e., subdivision, planning and zoning regulations, ordinances, codes criteria, and special agreements or procedures), analyses, computation manuals, computer programs, 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 civil engineering 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. In addition, the CONSULTANT will perform Task 6, "Supplemental Services" described in Exhibit A if, as, and when requested in writing by the General Manager. 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 five hundred fifty-two thousand seven hundred thirty-three dollars and zero cents (\$552,733.00) unless the DISTRICT receives a

written request, with justification, and the DISTRICT approves a change in the SCOPE OF SERVICES and an increase in compensation. If approved, a supplement to this AGREEMENT must be executed. The maximum cost is based on a detailed breakdown of the estimated cost by tasks, and direct costs is shown on 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 five hundred fifty-two thousand seven hundred thirty-three dollars and zero cents (\$552,733.00). Payments will be made to the CONSULTANT on a monthly basis upon receipt of a progress report and itemized invoices for work accomplished.

3. Supplemental services (Task 6) will be performed only upon written authorization by the General Manager and at the discretion of the General Manager. Payment for Supplemental Services will be made according to the terms described in this section for basic professional services. The maximum cost to the DISTRICT for supplemental services accomplished under this AGREEMENT shall not exceed forty-seven thousand two hundred sixty-seven dollars and zero cents (\$47,267.00). Payments will be made to the CONSULTANT on a monthly basis upon receipt of a progress report and itemized invoices for work accomplished.
4. The total amount of this AGREEMENT shall not exceed six hundred thousand dollars and zero cents (\$600,000.00), unless approved by the DISTRICT in writing and a supplement to this AGREEMENT is executed by the parties.

## **Section V**

### **TIME AND PERFORMANCE**

- 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 693 calendar days from Notice to Proceed. Supplemental services, if requested by the General Manager, will be completed within the time frame established for such services.

- 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 August 8, 2019 and terminate on June 30, 2021 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: Andrew R. Trelease, P.E., CFM  
Assistant General Manager

To CONSULTANT: Atkins North America, Inc.  
2270 Corporate Circle, Suite 200  
Henderson, NV 89074  
Attention: Matt Wilkinson, P.E., CFM  
Project Manager

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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 Chair

ATKINS NORTH AMERICA, INC.

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

Harshal Desai, P.E., CFM  
Vice President

ATTEST:

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

Deanna Hughes  
Secretary to the Board

APPROVED AS TO LEGALITY ONLY:

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

Christopher Figgins  
Chief Deputy District Attorney

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

**PROJECT DESCRIPTION**

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

**TASK 1. PROJECT MANAGEMENT AND COORDINATION**

**1.1 Build Stakeholder Working Group and Communication Framework**

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

**1.2 Project Management and Communication**

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

**1.3 Meetings**

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



## TASK 2. DATA COLLECTION

### 2.1 Literature Review of Other Manuals

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

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

### 2.2 Gather and Compile Known Issues

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

### 2.3 Solicit Additional Stakeholder Input

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

### 2.4 Technical Review of Current HCDDM

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

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

## TASK 3. TECHNICAL REVISIONS

### 3.1 Prepare Technical Revisions

Upon written receipt and authorization by the DISTRICT, ATKINS will prepare technical revisions of the HCDDM as identified in Task 2.4. The technical revisions will present

proposed changes to equations, criteria, tables, figures and other items that can be used and incorporated into the updated HCDDM. Technical revisions will be provided for review by the DISTRICT, the working group, and other relevant stakeholders. DISTRICT staff will make final determinations on HCDDM content in cases where consensus cannot be reached. **Deliverables:** Technical revisions presented in electronic format (PPT, PDF, or similar).

## **TASK 4. DOCUMENT PREPARATION**

### **4.1 Prepare Draft Document**

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

**Deliverable:** Electronic version of draft HCDDM.

### **4.2 Solicit Stakeholder Comments on Draft Document**

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

### **4.3 Prepare Final Document**

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

**Deliverables:**

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

## **TASK 5. PROJECT PRESENTATIONS AND TRAINING**

### **5.1 DISTRICT Presentations**

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

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

## 5.2 Training Presentations

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

### **TASK 6. SUPPLEMENTAL SERVICES**

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

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

**EXHIBIT B**  
**PROJECT STUDY AREA**

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The Project Study Area is comprised of all of Clark County, NV, within the jurisdictional boundaries of the DISTRICT.

## EXHIBIT C

### PROJECT TIME SCHEDULE

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<b>Project Task</b>	<b>End Date</b>
Notice to Proceed	August 15, 2019
Literature Review of Other Manuals (Task 2.1)	September 9, 2019
Gather and Compile Known Issues (Task 2.2)	September 30, 2019
Solicit Additional Stakeholder Input (Task 2.3)	November 25, 2019
Submit Summary Memorandum on Technical Review of Current HCDDM (Task 2.4)	January 13, 2020
Prepare Technical Revision (Task 3.1)	April 20, 2020
Submit Draft HCDDM (Task 4.1)	August 5, 2020
Solicit Stakeholder Comments on Draft HCDDM (Task 4.2)	October 1, 2020
Submit Final HCDDM (Task 4.3)	November 25, 2020
RFCD TAC, CAC, and Board Meetings (Task 5.1)	January 9, 2021
Training Presentations (Task 5.2)	April 9, 2021

**EXHIBIT D**  
**CONSULTANT'S FEE SCHEDULE**

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<b>Classification</b>	<b>HOURLY SALARY RANGES</b>
Principal	\$75.00 to \$98.00
Senior Technical Advisor / Director	\$75.00 to \$98.00
Senior Project Manager	\$50.00 to \$83.00
Project Manager	\$45.00 to \$80.00
Senior Engineer IV	\$44.00 to \$82.00
Senior Engineer III	\$37.00 to \$70.00
Senior Engineer II	\$32.00 to \$60.00
Senior Engineer I	\$27.00 to \$50.00
Engineer III / Technician III	\$25.00 to \$50.00
Engineer II / Technician II	\$22.00 to \$42.00
Engineer I / Technician I	\$18.00 to \$35.00
Senior Planner	\$25.00 to \$60.00
Senior Scientist	\$27.00 to \$50.00
Scientist	\$22.00 to \$42.00
GIS Manager	\$30.00 to \$60.00
GIS Specialist	\$22.00 to \$45.00
GIS Technician	\$18.00 to \$35.00
Senior Graphic Artist / Designer	\$24.00 to \$55.00
Graphic Artist / Designer	\$13.00 to \$40.00
Administrative Assistant	\$13.00 to \$23.00
Clerical / Word Processor	\$10.00 to \$23.00
Project Coordinator	\$15.00 to \$40.00

The above hourly rates shall be multiplied by 3.1 which includes Salary Cost, Overhead and a Fixed Fee.

**EXHIBIT E**  
**ESTIMATE COSTS BY TASKS**

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**BASIC SERVICES**

Task 1 – Project Management and Coordination	\$118,320
Task 2 – Data Collection	\$ 67,044
Task 3 – Technical Revisions	\$236,923
Task 4 – Document Preparation	\$ 99,350
Task 5 – Project Presentations and Training	<u>\$ 31,096</u>
<b>SUBTOTAL – BASIC SERVICES</b>	<b>\$552,733</b>
Task 6 – Supplemental Services	\$ <u>47,267</u>
<b>TOTAL SERVICES</b>	<b><u>\$600,000</u></b>

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b> HORIZON RIDGE DETENTION BASIN
<b>PETITIONER:</b> CITY OF HENDERSON
<b>RECOMMENDATION OF PETITIONER:</b> THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE CHANGE ORDER NO. 6 FOR CONSTRUCTION FOR HORIZON RIDGE DETENTION BASIN PROJECT – HEN05G16 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** N/A

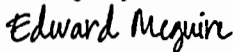
**BACKGROUND:**

Change Order No. 6 represents an increase of \$326,512.08 due to East Slope Changes, hauling spoils, additional areas for dust pallative and desert varnish and installation of a perimeter wall along Horizon Ridge Detention Basin.

To date all change orders total \$472,932.85 or 7.3% to the original construction contract amount of \$6,450,000. This change order cost was reviewed by the project engineer and City staff and were found equitable for the issues involved. The attached change order document details the work and costs involved.

The Interlocal Contract dated April 14, 2016, First Supplemental Interlocal Contract dated January 11, 2018 Second Supplemental Interlocal Contract dated October 11, 2018 and Third Supplemental Interlocal Contract dated June 13, 2019 include sufficient funds to support this request.

Respectfully submitted,

DocuSigned by:  
  
048713FB98714C2  
 Edward McGuire, P.E.  
 Director of Public Works  
 City of Henderson

TAC AGENDA ITEM # 08 Date: 7/25/2019	RFCD AGENDA ITEM # Date: 8/8/2019
CAC AGENDA ITEM # 08 Date: 7/29/2019	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	Date: 07/15/19
<p><b>HORIZON RIDGE DETENTION BASIN CONSTRUCTION CHANGE ORDER NO. 6 – HEN06G16</b></p> <p>The City of Henderson has submitted a request to approve construction change order no. 6 in the amount of \$326,512.08 for the Horizon Ridge Detention Basin project.</p> <p>Change order no. 6 represents an increase of \$326,512.08 due to East Slope Changes, hauling spoils, additional areas for dust pallative and desert varnish and installation of a perimeter wall along Horizon Ridge Detention Basin.</p> <p>To date all change orders total \$472,932.85 or 7.3% to the original construction contract amount of \$6,450,000. This change order cost was reviewed by the project engineer and City staff and were found equitable for the issues involved. The attached change order document details the work and costs involved.</p> <p>The Interlocal Contract dated April 14, 2016, First Supplemental Interlocal Contract dated January 11, 2018 Second Supplemental Interlocal Contract dated October 11, 2018 and Third Supplemental Interlocal Contract dated June 13, 2019 include sufficient funds to support this request.</p>	
<b>Staff Recommendation:</b>	
Approve.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #08 Date: 07/25/19
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #08 Date: 07/29/19
<b>Recommendation:</b>	



**CITY OF HENDERSON**  
**CONTRACT CHANGE ORDER**

**CONTRACT NAME:** Horizon Ridge Detention Basin Rebid  
**CONTRACT NO.:** 18090 (PCOH 2015-78-0003 / FC-108)  
**CONTRACTOR:** Las Vegas Paving  
**CMTS: 18090**

**C.O. NUMBER:** CO-6  
**DATE:** 7/2/2019

**Funding Sources:**

**CONTRACTOR:**

You are hereby requested to comply with the following change from the contract plans and specifications. Execution of this change order represents full and final costs of all direct, indirect, and delay costs for the scope of services identified hereon unless noted otherwise. This document shall become an amendment to the contract and all provisions of the contract will apply hereto:

ITEM #	QTY or % INCREASE/ (DECREASE)	UNIT	UNIT PRICE	BID ITEM DESCRIPTION AND NECESSITY OF CHANGE	INCREASE/ (DECREASE) TO CONTRACT
<b>ADDITIONAL WORK:</b>					
1	1	LS	\$ 225,335.00	East Slope Changes including labor and equipment to cut and fill the slopes, hauling spoils to DR Horton site adjacent to the basin, and the additional areas for dust palliative and desert varnish.	\$ 225,335.00
2	1	LS	\$ 101,177.08	Perimeter wall along Horizon Ridge Detention Basin and DR Horton	\$ 101,177.08
<b>ADDITIONAL WORK SUB-TOTAL:</b>					<b>\$ 326,512.08</b>

<b>COMPLETION DATE:</b> 1/27/2019		<b>Total This Change Order</b>	<b>\$ 326,512.08</b>
<b>Non Compensatory DAYS ADDED THIS CO:</b> 0		<b>Total PREVIOUS Change Orders</b>	<b>148,420.77</b>
<b>Days Added—PRIOR COs/Conflicts:</b> 71		<b>NET CHANGE TO CONTRACT</b>	<b>472,932.85</b>
<b>Adjusted COMPLETION DATE:</b> 4/8/2019		<b>ORIGINAL CONTRACT TOTAL</b>	<b>6,450,000.00</b>
		<b>ADJUSTED CONTRACT TOTAL</b>	<b>\$ 6,922,932.85</b>

Effect on Operation and Maintenance: NONE  
Will this affect expiration or extent of insurance coverage?...NO if "YES" will policies be extended?

<b>Contractor:</b> <u>Michael McComb</u> <small>Las Vegas Paving</small>	<b>Name/Title:</b> Michael McComb, Project Manager	<b>Date:</b> 07/02/2019   1:40 PM PDT
<b>Quality Control:</b> <u>Sejan Abraham</u>	<b>Name/Title:</b> Sejan Abraham, P.E. Materials Testing Lab Manager	<b>Date:</b> 07/08/2019   6:37 AM PDT
<b>Quality Control:</b> <u>Lance Olson</u>	<b>Name/Title:</b> Lance Olson, P.E. Quality Control Manager	<b>Date:</b> 07/08/2019   12:04 PM PDT
<b>Engineering:</b> <u>Thomas Davy</u>	<b>Name/Title:</b> Thomas Davy, P.E. City Engineer (or designee)	<b>Date:</b> 07/09/2019   7:47 AM PDT
<b>Public Works:</b> <u>Edward McGuire</u>	<b>Name/Title:</b> Edward McGuire, P.E. Director of Public Works (or designee)	<b>Date:</b> 07/09/2019   7:52 AM PDT
<b>Council Approval Date:</b> 12/18/2017	<b>Contract Funding:</b> CCRFCD - \$6,450,000.00	<b>Contingency:</b> \$500,000.00

**DISTRIBUTION** → Original: City Clerk's Office  
Copies: CONTRACTOR  
Project Engineer—Scott Fiedler  
QC Sr Inspector—Ed Babine  
QC—Sejan Abraham  
QC Inspector(s)—Mike Baker/Joe Kolesky

General Contracting  
Contractors  
Since 1958



4420 South Decatur Blvd.  
Las Vegas, Nevada 89103-5803  
(702) 251-1968  
Fax (702) 251-4891  
lasvegaspaving.com

April 8, 2019

City of Henderson  
240 Water Street  
Henderson, NV 89009

Attn.: Sajjan Abraham  
Re: COH Project No. 18090 (FC-106), Pittman Horizon Ridge Detention Basin  
East Slope Revisions

Mr. Abraham,

Below is a summary of the proposed cost for the revised east slope of the Detention Basin. Pricing is based on revised drawing provided by the City of Henderson on March 28, 2019. Cost below includes labor and equipment to cut and fill the slopes, hauling spoils to DR Horton site adjacent to the basin, and the additional areas for dust palliative and desert varnish. This work will require access onto DR Hortons property.

<i>Bid Item</i>	<i>Description</i>	<i>Qty</i>	<i>Unit</i>	<i>Rate</i>	<i>Total</i>
N/A	EAST SLOPE CUT	1	LS	\$ 223,000.00	\$ 223,000.00
212.02	DESERT VARNISH	1,000	SY	\$ 1.56	\$ 1,560.00
637.02	DUST PALLIATIVE	0.25	AC	\$ 3,100.00	\$ 775.00
				TOTAL ADD	\$ 225,335.00
				Estimated Adjustment to Duration	ADD 31 Work Days

The revised job completion date will be determined after the change order agreement and start date is established.

**Assumptions and Considerations:**

- Per Engineer's design: cut = 4,827 cy, Fill = 930 cy
  - Wall cutbacks for revised stepped retaining walls on parcels 57, 58, and 59 must be excavated by others prior to LVP beginning slope grading in those areas. This work needs to be completed to avoid safety concerns with vertical cuts and material rolling down the finished slopes during the wall construction/cutback excavation.
  - All quantities and costs are based on engineer's existing topographic survey.
  - Any changes will be billed at Time and Materials rates.
- Engineer directed the fill slope to be benched per Clark County/COH standard.

General Contracting  
Contractors  
Since 1958



4420 South Decatur Blvd.  
Las Vegas, Nevada 89103-5803  
(702) 251-1968  
Fax (702) 251-4891  
lasvegaspaving.com

June 27, 2019

City of Henderson  
240 Water Street  
Henderson, NV 89009

Attn.: Sajan Abraham  
Re: COH Project No. 18090 (FC-106), Pittman Horizon Ridge Detention Basin  
Perimeter wall along Horizon Ridge Detention Basin and DR Horton

Mr. Abraham,

Below is a summary of the reimbursement cost for the perimeter wall along Horizon Ridge Detention Basin and DR Horton.

Bid Item	Description	Qty	Unit	Rate	Total
N/A	PERIMETER WALL	1	LS	\$ 100,810.50	\$ 100,810.50
N/A	BOND INCREASE	1	LS	\$ 366.58	\$ 366.58
<b>TOTAL Add</b>					<b>\$ 101,177.08</b>
<b>Adjustment to Contract Days</b>				<b>ADD</b>	<b>TBD</b>
					<b>Calendar Days</b>

If you have any questions or concerns pertaining to this request, please feel free to contact me at 702-448-0298.

Sincerely,  
LAS VEGAS PAVING CORPORATION

Michael McComb

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

<b>SUBJECT:</b> VANDENBERG NORTH DETENTION BASIN & OUTFALL
<b>PETITIONER:</b> DALE DAFFERN, P.E., DIRECTOR OF PUBLIC WORKS CITY OF NORTH LAS VEGAS
<b>RECOMMENDATION OF PETITIONER:</b> THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE SEVENTH SUPPLEMENTAL INTERLOCAL CONTRACT FOR DESIGN TO INCREASE FUNDING FOR VANDENBERG NORTH DETENTION BASIN & OUTFALL – NLV09E11 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

	Current	Fiscal Impact	Proposed
Predesign	\$ 123,326.23	\$ 0.00	\$ 123,326.23
Design Engineering	\$ 1,220,000.00	\$ 0.00	\$ 1,220,000.00
Environmental Mitigation	\$ 5,000.00	\$ 121,770.00	\$ 126,770.00
Right-of-Way	\$ 64,673.77	\$ 0.00	\$ 64,673.77
<b>Total</b>	<b>\$ 1,413,000.00</b>	<b>\$ 121,770.00</b>	<b>\$ 1,534,770.00</b>

**BACKGROUND:**

The District entered into an interlocal contract with the City of North Las Vegas dated April 14, 2011, a First Supplemental Interlocal Contract was approved on May 16, 2013, a Second Supplemental Interlocal Contract was approved on March 13, 2014, a Third Supplemental Interlocal Contract was approved on March 10, 2016, a Fourth Supplemental Interlocal Contract was approved on May 19, 2016, a Fifth Supplemental Interlocal Contract was approved on June 14, 2018, and a Sixth Supplemental Interlocal Contract was approved on December 13, 2018. The approved interlocal contracts provide funding for pre-design, design engineering, right-of-way and environmental mitigation for the subject project.

This Seventh Supplemental Interlocal Contract will increase funding for environmental mitigation for the tortoise mitigation fee required as a condition of the BLM land grant.

Respectfully submitted,

  
 \_\_\_\_\_  
 Dale Daffern, P.E.  
 Director of Public Works  
 City of North Las Vegas

<b>TAC AGENDA</b> ITEM # 09 Date: 7/25/19	<b>RFCD AGENDA</b> ITEM # Date: 8/08/19
<b>CAC AGENDA</b> ITEM #09 Date: 7/29/19	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 07/15/19

**VANDENBERG NORTH DETENTION BASIN & OUTFALL  
SEVENTH SUPPLEMENTAL INTERLOCAL CONTRACT – NLV09E11**

The City of North Las Vegas has submitted a request to approve a seventh supplemental interlocal contract for pre-design, design engineering, right-of-way and environmental mitigation to increase funding in the amount of \$121,770 for the Vandenberg North Detention Basin & Outfall project.

The increase in funding is for environmental mitigation for the tortoise mitigation fee required as a condition of the BLM land grant. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Pre-Design	\$ 123,326.23	\$ 0.00	\$ 123,326.23
Design Engineering	\$1,220,000.00	\$ 0.00	\$1,220,000.00
Right-of Way	\$ 64,673.77	\$ 0.00	\$ 64,673.77
Environmental Mitigation	\$ 5,000.00	\$121,770.00	\$ 126,770.00
<b>Total ILC Value</b>	<b>\$1,413,000.00</b>	<b>\$121,770.00</b>	<b>\$1,534,770.00</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  
#09 Date: 07/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#09 Date: 07/29/19

**Recommendation:**

**SEVENTH SUPPLEMENTAL INTERLOCAL CONTRACT  
VANDENBERG NORTH DETENTION BASIN & OUTFALL**

THIS SEVENTH SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2019 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the City of North Las Vegas hereinafter referred to as ("CITY").

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

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2013 Flood Control Master Plan Update, as Structure Nos. RWWE 0352, 0397, 0406, 0407, 0409, 0422, 0428, 0430 and 0439, hereinafter referred to as "PROJECT"; and

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2018 Flood Control Master Plan Update, as Structure Nos. RWWE 0352, 0397, 0406, 0407, 0409, 0422, 0428, 0430, 0439 and 0454, hereinafter referred to as "PROJECT"; and

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

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

**WHEREAS**, it is necessary to increase funding for environmental mitigation for the PROJECT; and

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

**WHEREAS**, the DISTRICT approved the Interlocal Contract on April 14, 2011, the First Supplemental Interlocal Contract dated May 16, 2013, the Second Supplemental Interlocal Contract dated March 13, 2014, the Third Supplemental Interlocal Contract dated March 10, 2016, the Fourth Supplemental Interlocal Contract dated May 19, 2016, the Fifth Supplemental Interlocal Contract dated June 14, 2018, and the Sixth Supplemental interlocal Contract dated December 13, 2018 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 - PROJECT COSTS, shall be changed to read as follows:**

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

1. The Pre-Design engineering shall not exceed \$123,326.23.
2. The Design Engineering shall not exceed \$1,220,000.00.
3. Preparation of right-of-way drawings, descriptions, appraisals, and secure the necessary right-of-way at a cost not to exceed \$64,673.77.
4. Environmental Mitigation in an amount not to exceed \$126,770.00.
5. The total cost of this Contract shall not exceed \$1,534,770.00 which includes all the items described in the paragraphs above.
6. 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.
7. 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.
8. 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 April 14, 2011, First Supplemental Interlocal Contract dated May 16, 2013, Second Supplemental Interlocal Contract dated March 13, 2014, Third Supplemental Interlocal Contract dated March 10, 2016, the Fourth Supplemental Interlocal Contract dated May 19, 2016, the Fifth Supplemental Interlocal Contract dated June 14, 2018, and the Sixth Supplemental Interlocal Contract dated December 13, 2018 shall remain unchanged.

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IN WITNESS WHEREOF, this Seventh 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  
Chair

ATTEST:

\_\_\_\_\_  
DEANNA HUGHES  
Secretary to the Board

Approved as to Form:

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

\*\*\*\*\*

Date of Council Action:

CITY OF NORTH LAS VEGAS

\_\_\_\_\_

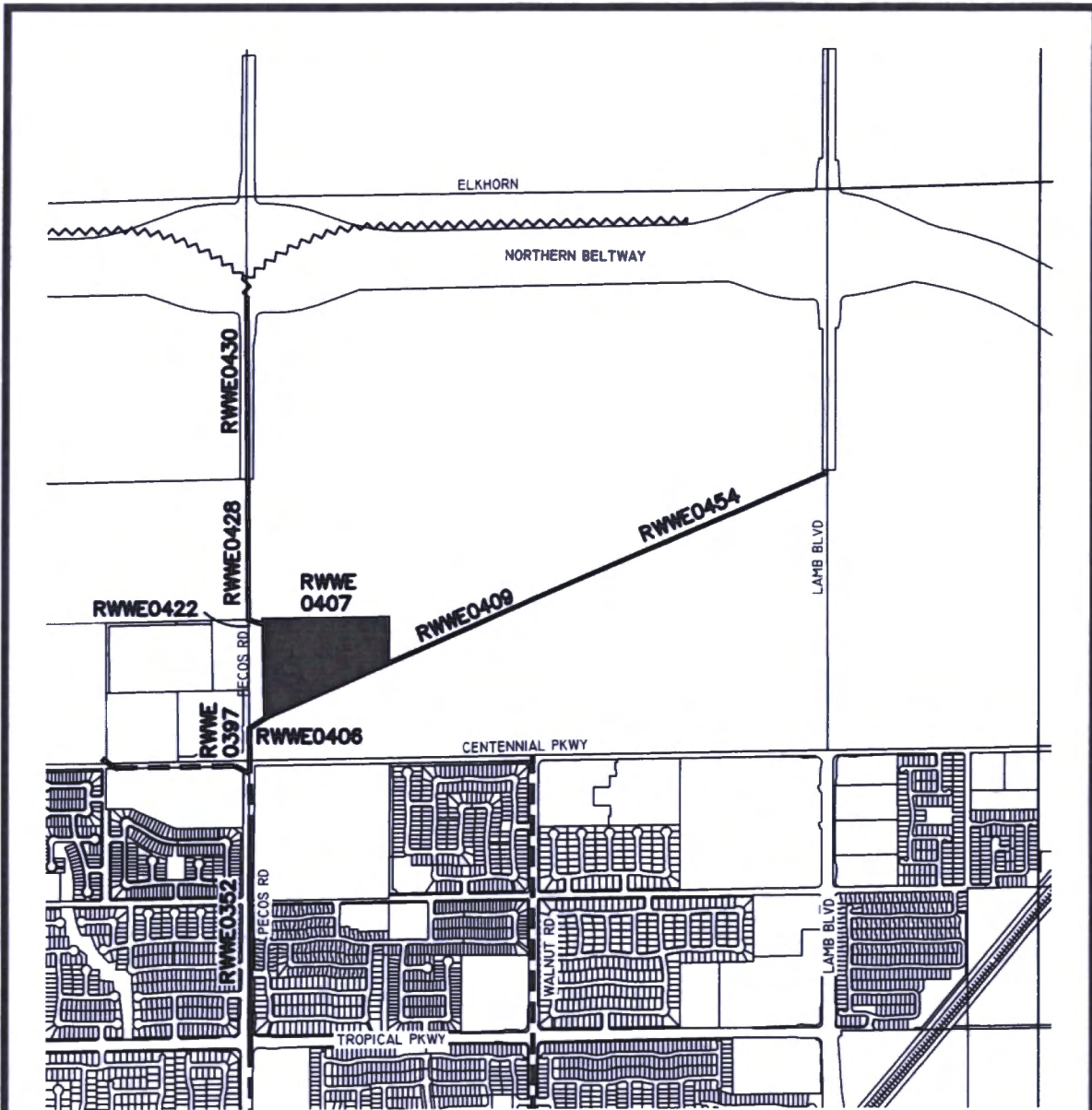
BY \_\_\_\_\_  
JOHN J. LEE  
Mayor




ATTEST:

\_\_\_\_\_  
CATHERINE A. RAYNOR, MMC  
City Clerk

Approved as to Form:

BY: \_\_\_\_\_  
MICAELA RUSTIA MOORE  
City Attorney



- LEGEND**
-  PROPOSED FACILITY
  -  EXISTING FACILITY
  -  FUTURE FACILITY

**EXHIBIT 'A'**



DEPARTMENT OF PUBLIC WORKS  
 ENGINEERING AND CONSTRUCTION SERVICES DIVISION

**VANDENBERG NORTH  
 DETENTION BASIN & OUTFALL**  
 NLV09E11

SCALE:	N.T.S.
DRAWING NAME:	10227-VIC.dwg
DRAWN BY:	T. Cochran
DATE:	November 15, 2018
SHEET NUMBER	1 OF 1

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

<b>SUBJECT:</b>  VANDENBERG NORTH DETENTION BASIN, COLLECTION & OUTFALL – PHASE II
<b>PETITIONER:</b>  DALE DAFFERN, P.E., DIRECTOR OF PUBLIC WORKS CITY OF NORTH LAS VEGAS
<b>RECOMMENDATION OF PETITIONER:</b>  THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT ACCEPT THE PROJECT PRESENTATION ON THE PROPOSED VANDENBERG NORTH DETENTION BASIN, COLLECTION & OUTFALL, PHASE II – NLV09K19 (FOR POSSIBLE ACTION)

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

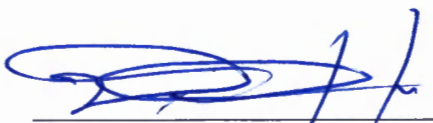
**BACKGROUND:**

The Vandenberg North Detention Basin, Collection & Outfall – Phase II is described in the 2018 Master Plan Update as Facility Numbers RWWE 0428, 0422, 0409, 0439, 0454, 0407, 0406, 0397, and 0352. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with construction scheduled to begin in FY 2019-2020. The proposed improvements include construction of 319 acre-ft detention basin, 0.5 miles of inflow storm drain, 0.6 miles of inflow trapezoidal channel, and 0.6 miles of outflow storm drain.

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

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

Respectfully submitted,

  
\_\_\_\_\_  
DALE DAFFERN  
Director of Public Works  
City of North Las Vegas

<b>TAC AGENDA ITEM #10a Date: 07/25/19</b>	<b>RFCD AGENDA ITEM # Date: 08/08/19</b>
<b>CAC AGENDA ITEM #10a Date: 07/29/19</b>	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 0715/19

**VANDENBERG NORTH DETENTION BASIN, COLLECTION & OUTFALL, PHASE II  
INTERLOCAL CONTRACT – NLV09K19**

The Vandenberg North Detention Basin, Collection & Outfall – Phase II is described in the 2018 Master Plan Update as Facility Numbers RWWE 0428, 0422, 0409, 0439, 0454, 0407, 0406, 0397, and 0352. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with construction scheduled to begin in FY 2019-2020. The proposed improvements include construction of 319 acre-ft detention basin, 0.5 miles of inflow storm drain, 0.6 miles of inflow trapezoidal channel, and 0.6 miles of outflow storm drain.

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

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

**Staff Recommendation:**

Accept the project presentation.

**Discussion by Technical Advisory Committee:**

AGENDA  
#10a Date: 07/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#10a Date: 07/29/19

**Recommendation:**



Atkins North America, Inc.  
2270 Corporate Circle, Suite 200  
Henderson, Nevada 89074-7755

July 11, 2019

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

**RE: VANDENBERG NORTH DETENTION BASIN, COLLECTION & OUTFALL PROJECT – PHASE II**

Mr. Parrish:

The design plans and specifications prepared by Atkins North America, Inc. for the above referenced project, indicated on "Exhibit A", are now 100% complete. The City of North Las Vegas is pleased to present this project to the Technical Advisory Committee, Citizens Advisory Committee, and the District's Board for approval.

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

**Project History and Description:** The project includes construction of the Vandenberg North Detention Basin, Collection & Outfall – Phase II facilities. This project is a continuation of the previously approved "Phase I" component of the overall project and proposes to construct a 319 acre-ft below grade detention basin located south of the CC 215 Bruce Woodbury Beltway, east of Pecos Road, and north of Centennial Parkway. Collection and outfall conveyance facilities are also proposed within Pecos Road and connect to existing "Phase I" infrastructure. An open channel conveyance system is also part of the project and drains from a northeast to southwest orientation from Lamb Boulevard to Walnut Road capturing flows from the north and discharging them into the proposed detention basin. The peak inflow into the detention basin is 3,595-cfs and the peak outflow is 133-cfs.

This project was initially designed as a single-phase construction project by the City of North Las Vegas. However, Clark County has constructed the "Phase I" segment of conveyance facilities in conjunction with the Northern CC215 Beltway from North 5<sup>th</sup> Street to UPRR and Pecos Road Project due to overlap with Vandenberg North Detention Basin improvements. The construction of Phase I of the Vandenberg project by Clark County eliminates the need to remove and replace the improvements to Pecos Road at a later date and decreases construction impacts to the traveling public and the Veterans Affairs (VA) Hospital. The flood control facilities will be completed with construction of Phase II.



Atkins North America, Inc.  
2270 Corporate Circle, Suite 200  
Henderson, Nevada 89074-7755

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

Pre-Design (Phases I & II)	\$	123,326.23
Design Engineering (Phases I & II)	\$	1,220,000.00
Right-of-Way (Phases I & II)	\$	64,673.77
Environmental Mitigation (Phases I & II)	\$	126,770.00
Construction (Phase II)	\$	28,504,000.00
Construction Management (Phase II)	\$	1,995,000.00
TOTAL	\$	32,033,770.00

- **Outside Funding Sources:** Clark County Regional Flood Control District (CCRFCD) is the sole funding agency for this project since the project entails construction of a segment of flood control conveyance facility that is part of the Master Plan Update (MPU).
- **Projected Construction Schedule:** If funding were made available today, listed below are the estimated dates for construction of the project:

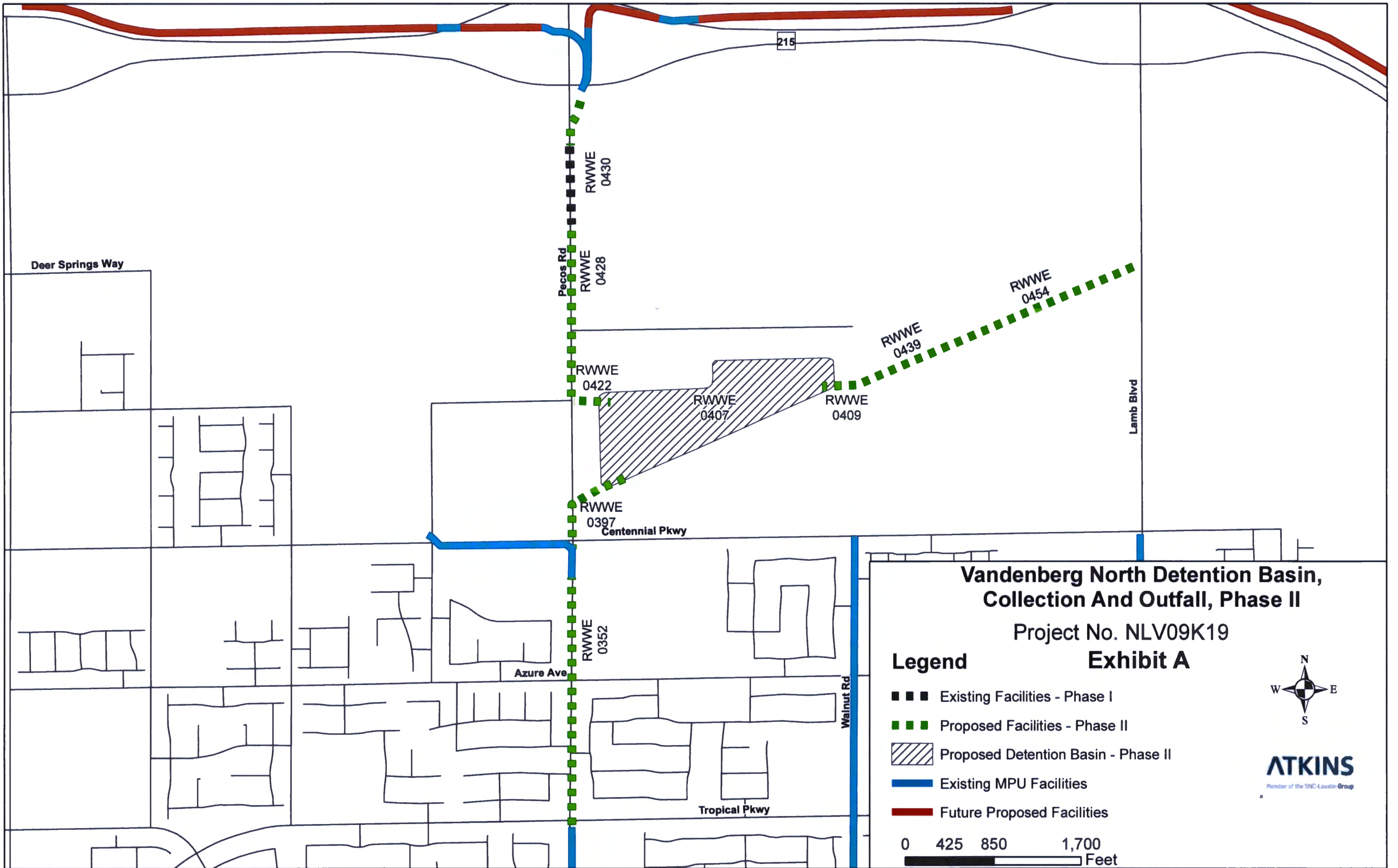
Award of Bid	November 2019
Construction Start Date	February 2020
Construction End Date	August 2021
Project Duration	19 months

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

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

- **Environmental Requirements:** The City of North Las Vegas has met all the necessary environmental requirements for this project. A Chapter 8 Resource Screening Analysis was previously submitted and approved by CCRFCD during the 70% design submittal in August of 2017. In addition, a BLM tortoise survey was previously completed and approved.





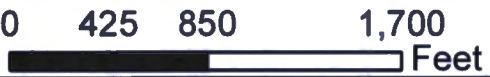
**Vandenberg North Detention Basin,  
Collection And Outfall, Phase II**

Project No. NLV09K19

**Exhibit A**

**Legend**

- ■ ■ Existing Facilities - Phase I
- ■ ■ Proposed Facilities - Phase II
- ▨ Proposed Detention Basin - Phase II
- Existing MPU Facilities
- Future Proposed Facilities





Opinion of Probable Construction Cost Estimate for  
VANDENBERG NORTH DETENTION BASIN OUTFALL PROJECT

DATE: 7/3/2019

ITEM NO.	ITEM DESCRIPTION	Quantity	UOM	Unit Price	Extended Price
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$ 1,000,000.00	\$ 1,000,000.00
200.01	MOBILIZATION AND DEMOBILIZATION	1	LS	\$ 1,000,000.00	\$ 1,000,000.00
201.01	CLEARING AND GRUBBING	1	LS	\$ 66,000.00	\$ 66,000.00
201.02	VEGETATE DISTURBED CONSTRUCTION AREAS WITH TOP SOIL AND SALVAGED PLANT MATERIAL	1	LS	\$ 50,000.00	\$ 50,000.00
202.01	REMOVAL OF ASPHALT PAVEMENT	11,110	SY	\$ 14.25	\$ 158,317.50
202.02	REMOVE MEDIAN ISLAND	16,000	SF	\$ 8.75	\$ 140,000.00
202.03	REMOVE CURB AND GUTTER	170	LF	\$ 13.25	\$ 2,252.50
202.04	REMOVE FENCE	340	LF	\$ 8.00	\$ 2,720.00
202.05	REMOVE 12-INCH STORM DRAIN PIPE	10	LF	\$ 38.00	\$ 380.00
202.06	REMOVE 18-INCH STORM DRAIN PIPE	185	LF	\$ 40.00	\$ 7,400.00
202.07	REMOVE 36-INCH STORM DRAIN PIPE	325	LF	\$ 42.00	\$ 13,650.00
202.08	REMOVE 72-INCH STORM DRAIN PIPE	2,155	LF	\$ 150.00	\$ 323,250.00
202.09	REMOVE 78-INCH STORM DRAIN PIPE	15	LF	\$ 160.00	\$ 2,400.00
202.10	REMOVE 30-INCH X 18-INCH HE REINFORCED CONCRETE STORM DRAIN PIPE	90	LF	\$ 40.00	\$ 3,600.00
202.11	REMOVE 8-FT X 8-FT ARCH CULVERT	15	LF	\$ 200.00	\$ 3,000.00
202.12	REMOVE 8-FT X 7-FT REINFORCED CONCRETE BOX	55	LF	\$ 205.00	\$ 11,275.00
202.13	REMOVE STORM DRAIN MANHOLE	10	EA	\$ 2,640.00	\$ 26,400.00
202.14	REMOVE DROP INLET	1	EA	\$ 2,900.00	\$ 2,900.00
202.15	REMOVE DROP INLET PLUG	9	EA	\$ 500.00	\$ 4,500.00
202.16	REMOVE CONCRETE SIDEWALK	85	SF	\$ 10.50	\$ 892.50
202.17	REMOVE CONCRETE VALLEY GUTTER	460	SF	\$ 10.00	\$ 4,600.00
202.18	REMOVE CONCRETE SPANDRELL	270	SF	\$ 10.00	\$ 2,700.00
202.19	REMOVE RIPRAP	336	SY	\$ 25.00	\$ 8,400.00
202.20	REMOVE RCB HEADWALL STRUCTURE	1	LS	\$ 5,500.00	\$ 5,500.00
202.21	ABANDON STORM DRAIN IN PLACE	325	LF	\$ 240.00	\$ 78,000.00
202.22	ABANDON WATERLINE	125	LF	\$ 30.00	\$ 3,750.00
202.23	ABANDON WATER VALVE	1	EA	\$ 1,250.00	\$ 1,250.00
202.24	REMOVE WATERLINE	300	LF	\$ 35.00	\$ 10,500.00
202.25	REMOVE PIPE PLUG	1	EA	\$ 500.00	\$ 500.00
202.26	REMOVE RCB TEMPORARY CAP	2	EA	\$ 2,000.00	\$ 4,000.00
203.01	DETENTION BASIN EXCAVATION	1,034,352	CY	\$ 8.75	\$ 9,050,580.00
203.02	EMBANKMENT	4,152	CY	\$ 8.75	\$ 36,330.00
203.03	EARTHEN BERM AND SWALE FILL EMBANKMENT	7,412	CY	\$ 8.75	\$ 64,855.00
302.01	TYPE II AGGREGATE BASE FOR ROADWAY	212	CY	\$ 55.00	\$ 11,660.00
302.02	TYPE II AGGREGATE BASE FOR ACCESS ROADS, TURN OUT AREAS, AND MANWAYS	3,128	CY	\$ 55.00	\$ 171,930.00
402.01	6-INCH PLANTMIX BITUMINOUS SURFACE	933	SY	\$ 38.00	\$ 35,454.00
402.02	6.5-INCH PLANTMIX BITUMINOUS SURFACE	4,614	SY	\$ 41.50	\$ 191,481.00
402.03	7.5-INCH PLANTMIX BITUMINOUS SURFACE	5,517	SY	\$ 48.00	\$ 264,816.00
402.04	1-INCH PLANTMIX BITUMINOUS OVERLAY	11,110	SY	\$ 12.00	\$ 133,320.00
413.01	1-INCH UTACS BONDED WITH A PMM, S3 GRADATION	11,064	SY	\$ 12.00	\$ 132,768.00
502.01	16-FT X 8-FT REINFORCED CONCRETE BOX	85	LF	\$ 2,250.00	\$ 191,250.00
502.02	14-FT X 8-FT REINFORCED CONCRETE BOX	85	LF	\$ 2,200.00	\$ 187,000.00
502.03	18-FT X 8-FT REINFORCED CONCRETE BOX	1,230	LF	\$ 2,200.00	\$ 2,706,000.00
502.04	24-FT X 6-FT REINFORCED CONCRETE BOX	565	LF	\$ 2,750.00	\$ 1,553,750.00
502.05	8-FT X 7-FT REINFORCED CONCRETE BOX	2,205	LF	\$ 950.00	\$ 2,094,750.00
502.06	12-FT X 4-FT REINFORCED CONCRETE BOX	228	LF	\$ 860.00	\$ 196,080.00
502.07	CAST-IN-PLACE TRANSITION STRUCTURE (31.5-FT X 8-FT TO 18-FT X 8-FT)	1	LS	\$ 100,000.00	\$ 100,000.00
502.08	CAST-IN-PLACE TRANSITION STRUCTURE (18-FT X 8-FT TO 24-FT X 6-FT)	1	LS	\$ 80,000.00	\$ 80,000.00
502.09	CAST-IN-PLACE JUNCTION STRUCTURE ("PS" STA 12+25)	1	LS	\$ 20,000.00	\$ 20,000.00
502.10	CAST-IN-PLACE TRANSITION STRUCTURE (8-FT X 7-FT TO 8-FT X 6-FT ARCH)	1	LS	\$ 20,000.00	\$ 20,000.00
502.11	CAST-IN-PLACE CHANNEL TRANSITION STRUCTURE	1	LS	\$ 65,000.00	\$ 65,000.00
502.12	TRAPEZOIDAL CONCRETE CHANNEL	2,698	LF	\$ 770.00	\$ 2,077,460.00
502.13	CAST-IN-PLACE NDOT RCB HEADWALL (12-FT X 4-FT)	1	LS	\$ 17,500.00	\$ 17,500.00
502.14	CAST-IN-PLACE NDOT RCP HEADWALL (36-INCH)	1	LS	\$ 8,500.00	\$ 8,500.00
502.15	CONCRETE BASIN LOW FLOW CHANNEL	2,760	LF	\$ 100.00	\$ 276,000.00
502.16	CONCRETE BASIN DRAIN SLABS	108	SY	\$ 160.00	\$ 17,280.00
502.17	CONCRETE BASIN EMBANKMENT DEPTH GAUGE	1	LS	\$ 15,000.00	\$ 15,000.00
502.18	CAST-IN-PLACE BASIN INLET STRUCTURE WITH BAFFLE BLOCKS	1	LS	\$ 100,000.00	\$ 100,000.00

Opinion of Probable Construction Cost Estimate for  
VANDENBERG NORTH DETENTION BASIN OUTFALL PROJECT

ITEM NO.	ITEM DESCRIPTION	Quantity	UOM	Unit Price	Extended Price
502.19	CAST IN PLACE BASIN OUTLET STRUCTURE WITH TRASH RACK	1	LS	\$ 120,000.00	\$ 120,000.00
502.20	SPECIAL MANHOLE STRUCTURE 1 (DUAL HERCP)	1	EA	\$ 45,000.00	\$ 45,000.00
502.21	SPECIAL MANHOLE STRUCTURE 2 (DUAL HERCP)	2	EA	\$ 47,500.00	\$ 95,000.00
502.22	CONCRETE V-DITCH	1,940	LF	\$ 150.00	\$ 291,000.00
502.23	CONCRETE COLLAR CONNECTION	1	LS	\$ 4,000.00	\$ 4,000.00
502.24	WATER QUALITY BERM CONCRETE ACCESS ROADS	500	SY	\$ 180.00	\$ 90,000.00
603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS III)	400	LF	\$ 235.00	\$ 94,000.00
603.02	24-INCH REINFORCED CONCRETE PIPE (CLASS III)	55	LF	\$ 315.00	\$ 17,325.00
603.03	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	590	LF	\$ 350.00	\$ 206,500.00
603.04	48-INCH REINFORCED CONCRETE PIPE (CLASS III)	35	LF	\$ 400.00	\$ 14,000.00
603.05	54-INCH REINFORCED CONCRETE PIPE (CLASS III)	470	LF	\$ 525.00	\$ 246,750.00
603.06	30-INCH X 19-INCH HE REINFORCED CONCRETE PIPE (CLASS III)	36	LF	\$ 330.00	\$ 11,880.00
603.07	38-INCH X 24-INCH HE REINFORCED CONCRETE PIPE (CLASS IV)	1,535	LF	\$ 385.00	\$ 590,975.00
603.08	RCP PLUG	2	EA	\$ 385.00	\$ 770.00
604.01	18-INCH CMP DOWN DRAIN CONNECTION	1	LS	\$ 2,500.00	\$ 2,500.00
609.01	48-INCH RCB ACCESS MANHOLE	6	EA	\$ 4,150.00	\$ 24,900.00
609.02	TYPE III 60-INCH MANHOLE	6	EA	\$ 12,500.00	\$ 75,000.00
609.03	10-FOOT TYPE CM DROP INLET	1	EA	\$ 16,500.00	\$ 16,500.00
609.04	20-FOOT TYPE CM DROP INLET	1	EA	\$ 36,000.00	\$ 36,000.00
609.05	NDOT TYPE 8 DROP INLET	1	EA	\$ 45,000.00	\$ 45,000.00
609.06	NDOT TYPE 2B DROP INLET	2	EA	\$ 29,600.00	\$ 59,200.00
609.07	NDOT TYPE 2 DROP INLET WITH TRIPLE GRATES	3	EA	\$ 35,000.00	\$ 105,000.00
609.08	CONNECT EXISTING DROP INLET LATERAL TO RCB	11	EA	\$ 2,000.00	\$ 22,000.00
609.09	WATER QUALITY CAPTURE VOLUME INLETS	2	EA	\$ 12,000.00	\$ 24,000.00
610.01	GROUTED RIP RAP	872	CY	\$ 232.00	\$ 202,304.00
610.02	RIP RAP D50-12-INCH	1,609	CY	\$ 90.00	\$ 144,810.00
613.01	TYPE "A" CURB	225	LF	\$ 48.00	\$ 10,800.00
613.02	TYPE "L" CURB AND GUTTER	170	LF	\$ 50.00	\$ 8,500.00
613.03	CONCRETE SIDEWALK	85	SF	\$ 13.00	\$ 1,105.00
613.04	CONCRETE CROSS GUTTER	460	SF	\$ 12.00	\$ 5,520.00
613.05	CONCRETE SPANDREL	270	SF	\$ 16.00	\$ 4,320.00
613.06	MEDIAN ISLAND A-CURB WITH EARTHEN INFILL	885	LF	\$ 45.00	\$ 39,825.00
613.07	MEDIAN ISLAND WITH CONCRETE CEMENT INFILL	475	SF	\$ 67.00	\$ 31,825.00
613.08	MEDIAN ISLAND WITH DECOMPOSED GRANITE LANDSCAPING	9,125	SF	\$ 50.00	\$ 456,250.00
616.01	CHAIN LINK FENCE	3,700	LF	\$ 20.00	\$ 74,000.00
616.02	ACCESS GATES 16-FEET WIDE	6	EA	\$ 2,100.00	\$ 12,600.00
616.03	GROUNDING CHAIN LINK FENCE	8,570	LF	\$ 40.00	\$ 342,800.00
622.01	CONSTRUCTION SURVEYING	1	LS	\$ 100,000.00	\$ 100,000.00
624.01	TRAFFIC CONTROL	1	LS	\$ 475,000.00	\$ 475,000.00
627.01	REMOVE AND RESET EXISTING SIGN (GROUND MOUNTED)	13	EA	\$ 265.00	\$ 3,445.00
627.02	FACILITY SIGNS	1	LS	\$ 5,464.00	\$ 5,464.00
627.03	BASIN SEDIMENT DEPTH GAUGE	2	EA	\$ 3,000.00	\$ 6,000.00
628.01	6-INCH SOLID WHITE LINE (TYPE 1 PMF)	2,500	LF	\$ 3.50	\$ 8,750.00
628.02	WHITE PAVEMENT MARKING FILM (PMF)	75	SF	\$ 8.50	\$ 637.50
628.03	YELLOW PAVEMENT MARKING FILM (PMF)	100	SF	\$ 8.50	\$ 850.00
628.04	WHITE PAVEMENT MARKING FILM (TYPE 2 PMF)	1,800	SF	\$ 8.50	\$ 15,300.00
628.05	YELLOW PAVEMENT MARKING FILM (TYPE 2 PMF)	80	SF	\$ 8.50	\$ 680.00
628.06	REFLECTIVE YELLOW PAINT	15	SF	\$ 9.00	\$ 135.00
629.01	12-INCH WATERLINE RELOCATION AT "PN" STA 33+60	1	LS	\$ 28,000.00	\$ 28,000.00
629.02	8-INCH WATERLINE RELOCATION AT "PS" STA 18+75	1	LS	\$ 53,440.00	\$ 53,440.00
629.03	8-INCH WATERLINE RELOCATION AT "PS" STA 19+30	1	LS	\$ 56,720.00	\$ 56,720.00
629.04	8-INCH WATERLINE RELOCATION AT "PS" STA 25+25	1	LS	\$ 57,560.00	\$ 57,560.00
629.05	8-INCH WATERLINE RELOCATION AT "PS" STA 30+80	1	LS	\$ 51,480.00	\$ 51,480.00
629.06	12-INCH WATERLINE RELOCATION AT "PS" STA 27+00	1	LS	\$ 19,500.00	\$ 19,500.00
629.07	16-INCH WATERLINE RELOCATION AT "PS" STA 31+80	1	LS	\$ 70,000.00	\$ 70,000.00
629.08	12-INCH WATERLINE SPLIT SLEEVE STEEL CASING PROTECTION ON SD LATERAL #3	1	LS	\$ 10,200.00	\$ 10,200.00
629.09	24-INCH STEEL CASING (FUTURE WATER)	1	LS	\$ 10,000.00	\$ 10,000.00
630.01	EXTEND 12" PVC SANITARY SEWER STUB	1	LS	\$ 5,658.00	\$ 5,658.00
633.01	NON-REFLECTIVE RAISED PAVEMENT MARKERS	535	EA	\$ 3.00	\$ 1,605.00
633.02	REFLECTIVE RAISED PAVEMENT MARKERS	235	EA	\$ 3.00	\$ 705.00
633.03	REFLECTIVE GLASS ROAD STUDS FOR MEDIAN NOSE	101	EA	\$ 10.00	\$ 1,010.00
637.01	DUST CONTROL	1	LS	\$ 300,000.00	\$ 300,000.00
637.02	NPDES DISCHARGE PERMIT	1	LS	\$ 10,000.00	\$ 10,000.00
637.03	NDEP SOIL STABILIZATION	57	AC	\$ 5,000.00	\$ 285,000.00
723.01	MONITORING STATION BUILDING AND SENSOR EQUIPMENT	1	LS	\$ 40,000.00	\$ 40,000.00

SUBTOTAL \$ 27,946,000.00  
CONTINGENCY (2%) = \$ 558,000.00  
**TOTAL \$ 28,504,000.00**

CM COST (7%)= \$ 1,995,000.00  
**GRAND TOTAL = \$ 30,499,000.00**

Clark County Regional Flood Control District Cash Flow Projection

Today's Date: 7/3/2019

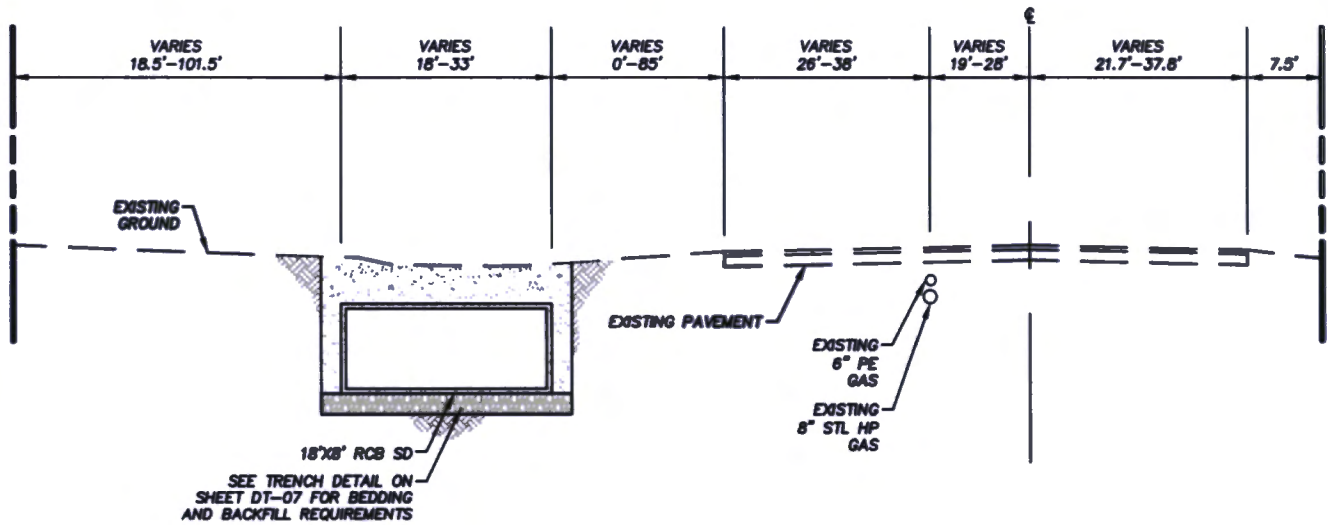
Project Number: NLV09K19

**VANDENBERG NORTH DETENTION BASIN, COLLECTION & OUTFALL – PHASE II**

Project Name: Detention Basin, Collection & Outfall  
 Project Type: Detention Basin, Collection & Outfall  
 ILC Amount: \$ 30,499,000

Construction Schedule			
Milestone	Estimate	Revised	Actual
Request Proposal	November-19		
CONS Start	February-20		
CONS Complete	August-21		
Project Duration	19 months		

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate	
	\$	%	\$	%	\$	%	\$	%
Nov-19	0							
Dec-19	0							
Jan-20	0							
Feb-20	3,049,900	10%						
Mar-20	1,219,960	4%						
Apr-20	1,219,960	4%						
May-20	1,219,960	4%						
Jun-20	1,219,960	4%						
Jul-20	1,219,960	4%						
Aug-20	1,219,960	4%						
Sep-20	1,219,960	4%						
Oct-20	1,219,960	4%						
Nov-20	1,219,960	4%						
Dec-20	1,219,960	4%						
Jan-21	1,219,960	4%						
Feb-21	1,219,960	4%						
Mar-21	1,219,960	4%						
Apr-21	1,219,960	4%						
May-21	1,219,960	4%						
Jun-21	4,574,850	15%						
Jul-21	3,049,900	10%						
Aug-21	1,524,950	5%						
<b>Total</b>	<b>\$ 30,499,000.00</b>	<b>100%</b>					<b>\$ -</b>	<b>0%</b>



**PECOS NORTH**  
 SCALE: NTS  
 LOOKING DOWNSTREAM



**ATKINS**

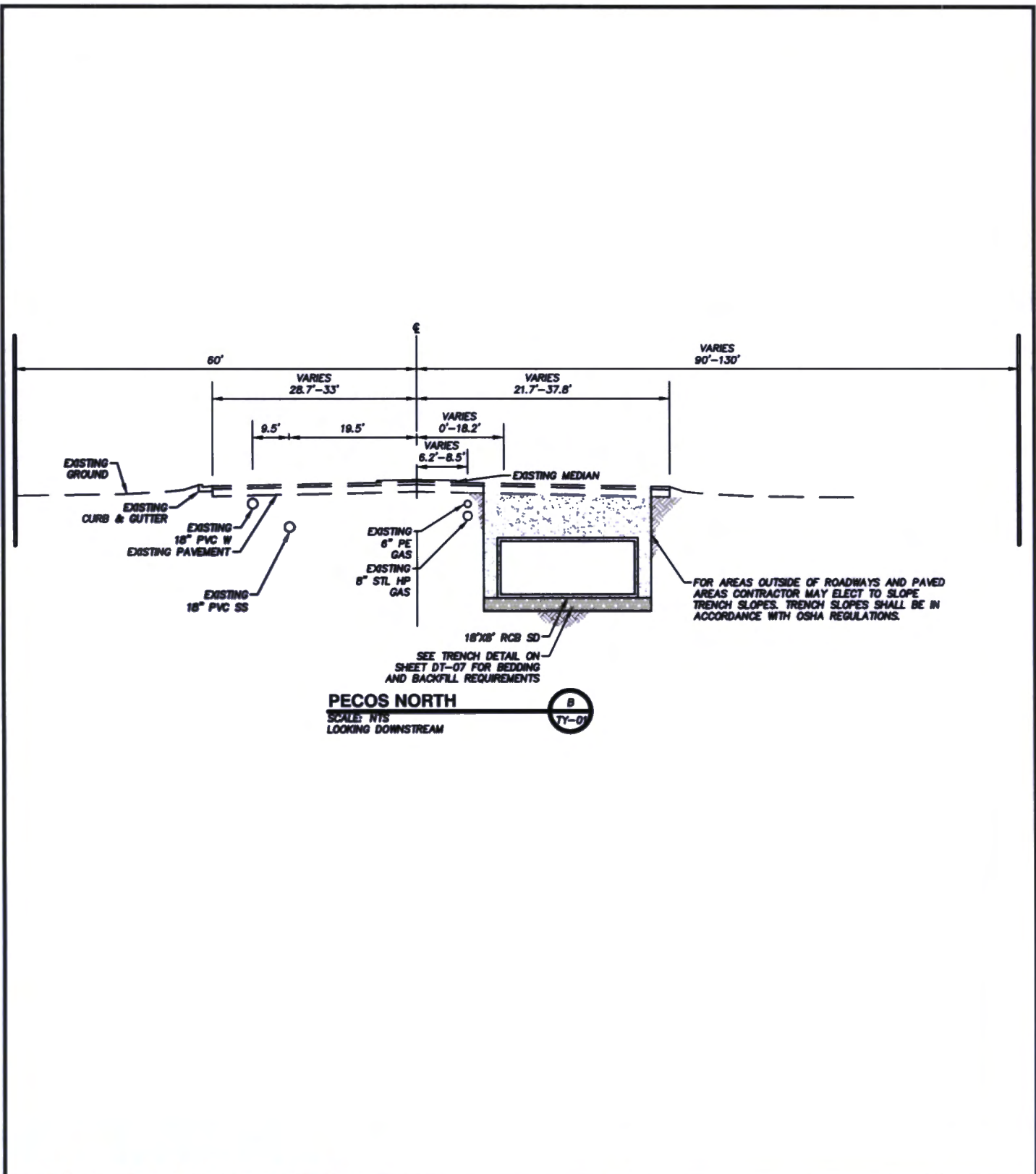
2270 CORPORATE CIRCLE SUITE 200  
 HENDERSON, NV 89074  
 TELEPHONE: 702-263-7275

CITY OF NORTH LAS VEGAS  
 DEPARTMENT OF PUBLIC  
 WORKS

VANDEMBERG NORTH  
 DETENTION BASIN & OUTFALL  
 PROJECT - PHASE II

TYPICAL RCB DETAIL 1

EXHIBIT  
 A-2



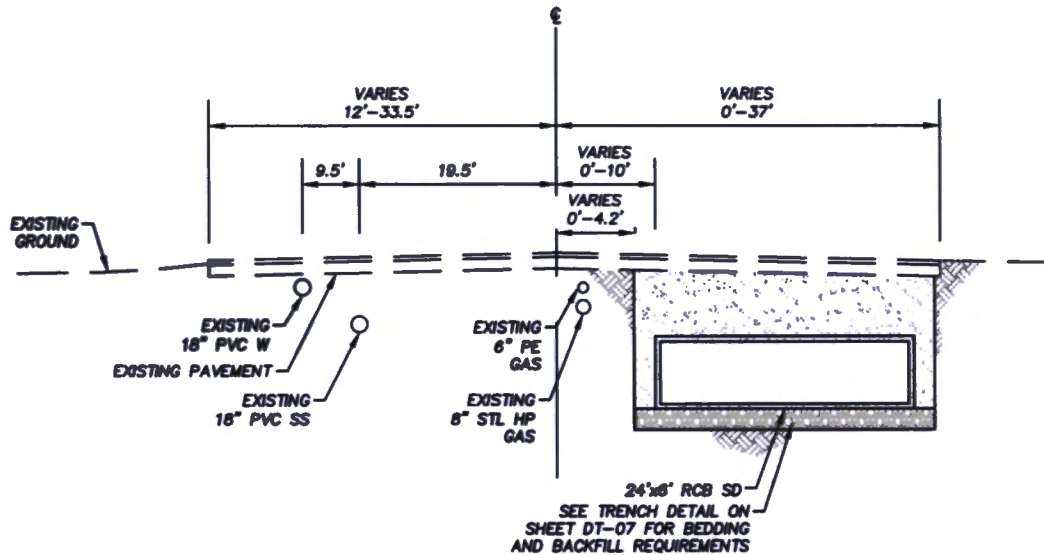
**PECOS NORTH**  
 SCALE: NTS  
 LOOKING DOWNSTREAM

**ATKINS**  
 2270 CORPORATE CIRCLE SUITE 200  
 HENDERSON, NV 89074  
 TELEPHONE: 702-263-7275

CITY OF NORTH LAS VEGAS  
 DEPARTMENT OF PUBLIC  
 WORKS

VANDBERG NORTH  
 DETENTION BASIN & OUTFALL  
 PROJECT - PHASE II  
 TYPICAL RCB DETAIL 2

EXHIBIT  
 A-3



**PECOS NORTH**

SCALE: NTS  
LOOKING DOWNSTREAM



**ATKINS**

2270 CORPORATE CIRCLE SUITE 200  
HENDERSON, NV 89074  
TELEPHONE: 702-263-7275

CITY OF NORTH LAS VEGAS  
DEPARTMENT OF PUBLIC  
WORKS

VANDENBERG NORTH  
DETENTION BASIN & OUTFALL  
PROJECT - PHASE II

TYPICAL RCB DETAIL 3

EXHIBIT  
A-4

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

VANDENBERG NORTH DETENTION BASIN, COLLECTION & OUTFALL – PHASE II

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE AN INTERLOCAL CONTRACT FOR CONSTRUCTION FOR VANDENBERG NORTH DETENTION BASIN, COLLECTION & OUTFALL, PHASE II – NLV09K19 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

	<u>CURRENT</u>
Construction Management	\$ 1,995,000.00
Construction	\$ <u>28,504,000.00</u>
Total ILC Value	\$ 30,499,000.00

**BACKGROUND:**

The Vandenberg North Detention Basin, Collection & Outfall – Phase II is described in the 2018 Master Plan Update as Facility Numbers RWWE 0428, 0422, 0409, 0439, 0454, 0407, 0406, 0397, and 0352. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with construction scheduled to begin in FY 2019-2020. The proposed improvements include construction of 319 acre-ft detention basin, 0.5 miles of inflow storm drain, 0.6 miles of inflow trapezoidal channel, and 0.6 miles of outflow storm drain.

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

Respectfully submitted,



DALE DAFFERN, P.E.  
Director of Public Works  
City of North Las Vegas

<b>TAC AGENDA ITEM # 10b Date: 07/25/19</b>	<b>RFCD AGENDA ITEM # Date: 08/08/19</b>
<b>CAC AGENDA ITEM # 10b Date: 07/29/19</b>	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 07/15/19

**VANDENBERG NORTH DETENTION BASIN, COLLECTION & OUTFALL, PHASE II  
INTERLOCAL CONTRACT – NLV09K19**

The City of North Las Vegas has submitted a request to approve an interlocal contract in the amount of \$30,499,000 for construction and construction engineering for the Vandenberg North Detention Basin, Collection & Outfall, Phase II project.

The Vandenberg North Detention Basin, Collection & Outfall – Phase II is described in the 2018 Master Plan Update as Facility Numbers RWWE 0428, 0422, 0409, 0439, 0454, 0407, 0406, 0397, and 0352. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with construction scheduled to begin in FY 2019-2020. The proposed improvements include construction of 319 acre-ft detention basin, 0.5 miles of inflow storm drain, 0.6 miles of inflow trapezoidal channel, and 0.6 miles of outflow storm drain.

With the total project construction cost of \$27.9 million, approximately 333 jobs will be created or sustained with this project. District funding will be provided as follows:

Construction	\$28,504,000
Construction Engineering	\$ 1,995,000
Total ILC Value	\$30,499,000

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

**Staff Recommendation:**

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

**Discussion by Technical Advisory Committee:**

AGENDA  
#10b Date: 07/25/19

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#10b Date: 07/29/19

**Recommendation:**



**INTERLOCAL CONTRACT FOR  
VANDENBERG NORTH DETENTION BASIN, COLLECTION & OUTFALL, PHASE II**

**THIS INTERLOCAL CONTRACT**, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2019, by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the City of North Las Vegas, hereinafter referred to as "CITY".

**WITNESSETH**

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

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2018 Clark County Flood Control Master Plan Update, Structures Nos., RWWE 0428, 0422, 0409, 0439, 0454, 0407, 0406, 0397, and 0352, hereinafter referred to as "PROJECT"; and

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

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

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

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

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

**SECTION I - SCOPE OF PROJECT**

This Interlocal Contract applies to construction and construction engineering of improvements associated with the Vandenberg North Detention Basin, Collection & Outfall, Phase II project. The basic improvements shall consist of flood water facilities including pipes, drop inlets, channels structures, channel access, detention basin, inlet structure, energy dissipators, channel structures, channel access, and other appurtenances as may be necessary to control floodwaters. The improvements shall be funded through DISTRICT funds as herein described. The PROJECT is further identified and shown on the attached Exhibit "A."

## **SECTION II - PROJECT COSTS**

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

1. Construction Management in an amount not to exceed \$1,995,000.00.
2. Construction in the amount not to exceed \$28,504,000.00.
3. The total cost of this Interlocal Contract shall not exceed \$30,499,000.00 which includes all the items described in the paragraphs above.
4. If at any time during the term of this contract the entity determines that a portion of the funds provided pursuant to this Contract will not be needed for the project, then the entity will notify the District in writing of the amount of funds that are not anticipated to be used for the project. Upon receipt of said notification the District's obligation to pay the maximum amount set forth herein will automatically be reduced by the amount specified in the notification.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the Project. No other approval by the Lead Entity is required.
6. A written request must be made to the DISTRICT and a supplemental interlocal contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

## **SECTION III - GENERAL**

1. The Clark County Regional Flood Control District shall be shown on the title sheet of both the plans and the specifications as the funding agency.
2. The CITY will use its best efforts to award the bid for this project by November 2019. Prior to submission of the first payment request, the Entity will submit to the District a construction schedule and cash flow projection. The CITY will take all reasonable steps possible to avoid delays in the construction of DISTRICT funded projects. Project delays more than four months, as measured from the award date, may be subject to a formal review by both the Technical Advisory Committee and the Board. At the review, the CITY will have an opportunity to present information relative to the delays, measures taken to avoid the delays and the likelihood of those delays continuing. The Board will make a determination, in view of the delays and limited available funding, whether project funding should continue. In the case that the Board chooses to discontinue funding, the Board may cancel any Interlocal Contract(s) associated with the project and discontinue funding for the remainder of the project. Funding already spent or appropriated by the CITY will not be required to be refunded to the

DISTRICT. Project funding can be reconsidered at any time when the CITY can demonstrate that the project can proceed on an acceptable schedule.

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

- D. Construction engineering.
  - E. Construction (all work after award of construction contract).
  - F. Environmental: costs incurred by the entity for the preparation of environmental documentation applicable to the Project and costs incurred for the implementation of mitigation measures provided in an environmental document (e.g. EIS or EA).
  - G. Other including landscaping, flood insurance rate map amendments or revisions, etc.
11. Accurate documentation of all work done and payments made will be maintained by the CITY for a period of three (3) years in hard copy form after final Project approval and payment. Following the three (3) year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format.
  12. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects both during and after Project completion.
  13. Up to the limits set forth in NRS Chapter 41, the CITY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of CITY officers, employees or agents, related to or under this Contract which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.
  14. Any costs found to be improperly allocated to the Project will be refunded by the CITY to the DISTRICT.
  15. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2023. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days' notice.

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:

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

\*\*\*\*\*

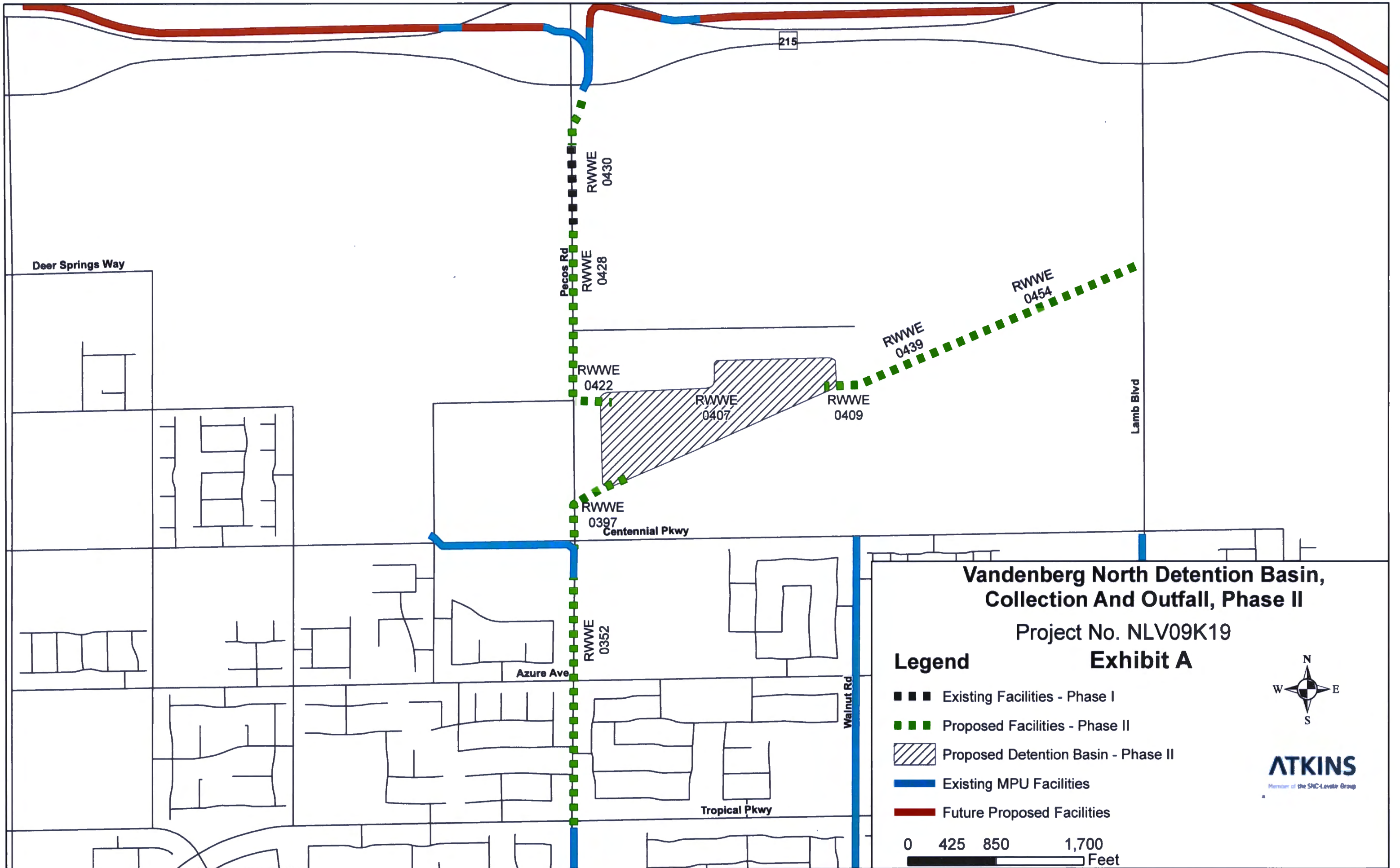
Date of Council Action:

CITY OF NORTH LAS VEGAS

\_\_\_\_\_

BY \_\_\_\_\_  
JOHN J. LEE  
Mayor

\_\_\_\_\_  
CATHERINE A. RAYNOR, MMC  
City Clerk



**Vandenberg North Detention Basin,  
Collection And Outfall, Phase II**

Project No. NLV09K19

**Exhibit A**

**Legend**

- ■ ■ Existing Facilities - Phase I
- ■ ■ Proposed Facilities - Phase II
- ▨ Proposed Detention Basin - Phase II
- Existing MPU Facilities
- Future Proposed Facilities

0 425 850 1,700  
Feet



**ATKINS**  
Member of the SNC-Lavalin Group

11. **Comments By the General Public**

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