

# REGIONAL FLOOD CONTROL DISTRICT



## NOTICE OF PUBLIC MEETING

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

MAY 28, 2020  
9:00 A.M.

**This is a period devoted to comments by the general public about items on this agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016 and 018 have extended Emergency Directive 006 to May 30, 2020. Pursuant to Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Clark County Regional Flood Control District Technical Advisory Committee on May 28, 2020.**

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

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

This agenda, including the supporting materials, is available at the Regional Flood Control District's website, <http://www.ccrfcd.org>; or by contacting Deanna Hughes through mail at 600 South Grand Central Parkway, Suite 300 Las Vegas, Nevada 89106, by calling (702) 685-0041, or by email at [DHughes@regionalflood.org](mailto:DHughes@regionalflood.org).

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

Regional Flood Control District  
Website  
[www.ccrfed.org](http://www.ccrfed.org)

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

By: Deanna Hughes  
Deanna Hughes

1. **Comments By the General Public**

This is a period devoted to comments by the general public about items on **this** agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016 and 018 have extended Emergency Directive 006 to May 30, 2020. Pursuant to Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Clark County Regional Flood Control District Technical Advisory Committee on May 28, 2020.

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



# REGIONAL FLOOD CONTROL DISTRICT



## AGENDA CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT TECHNICAL ADVISORY COMMITTEE MAY 28, 2020 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.
- This meeting of the Technical Advisory Committee will be available to livestream at the following link: <https://www.ccrfcd.org/stream.htm>

### I. Call to Order

#### 1. Comments By the General Public

This is a period devoted to comments by the general public about items on **this** agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016 and 018 have extended Emergency Directive 006 to May 30, 2020. Pursuant to Directive 006 and subsequent directives, the Clark County Regional Flood Control District will not provide a physical location for the public to attend the meeting of the Clark County Regional Flood Control District Technical Advisory Committee on May 28, 2020.

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

2. Action to approve the agenda with deletion of any items (*For possible action*)
3. Action to approve the minutes of the April 30, 2020 meeting (*For possible action*)



**II. Administration**

4. Action to accept the financial reports *(For possible action)*
5. Action to adopt amendments to the Ten-Year Construction Program *(For possible action)*
6. Action to accept the final accounting report and closeout the interlocal contract for the following project *(For possible action)*:
  - Hollywood System, Dunes S DB to Centennial Pkwy-Phase I – NLV03H17
7. Action to approve an interlocal agreement among the City of Henderson, City of Las Vegas, City of North Las Vegas, Clark County, Clark County Regional Flood Control District, Clark County Water Reclamation District and the Southern Nevada Water Authority to establish funding allocations and the budget for the Las Vegas Wash Activities in Fiscal Year 2020-21 *(For possible action)*
8. Action to approve the professional services agreement with HDR Engineering, Inc., for the National Pollutant Discharge Elimination System Permit Compliance for the Las Vegas Valley *(For possible action)*
9. Action to ratify and Agreement between the Nevada Division of Environmental Protection and the Regional Flood Control District to fund the development of Site-Specific Criteria for Selenium in the Las Vegas Wash *(For possible action)*
10. Receive the Third Quarter Maintenance Work Program Status Reports for FY 2019-2020 as submitted by the entities
11. Action to approve the budgets, plans and interlocal contracts for the Fiscal Year 2020-2021 Maintenance Work Program *(For possible action)*
12. Action to accept a report on the Estimated Funding Schedule process *(For possible action)*
13. Action to adopt the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2020-2021 Project List and take any action deemed appropriate *(For possible action)*

**III. Design and Construction**

14. Action to approve the supplemental interlocal contracts for construction and design to extend the project completion date for the following projects (*For possible action*)
  - a. Second Supplemental: Pittman North Detention Basin and Outfall, Phase III – City of Henderson
  - b. Sixth Supplemental: Las Vegas Wash – Sloan Channel to Bonanza Road and Flamingo Wash below Nellis Boulevard – Clark County
  - c. Third Supplemental: Goodsprings – Phase I – Clark County
15. Action to approve the supplemental interlocal contracts for design to change the names of the projects and extend the project completion dates for the following projects (*For possible action*):
  - a. Second Supplemental: Flamingo Wash, UPRR to Hotel Rio Drive (formerly known as Flamingo Wash, Industrial Road to Hotel Rio Drive) – Clark County
  - b. Fifth Supplemental: Fairgrounds Detention Basin and Outfall (formerly known as Fairgrounds Detention Basin) – Clark County
16. Action to approve the supplemental interlocal contracts for design to increase funding for the following projects (*For possible action*):
  - a. Second Supplemental: Silverado Ranch Detention Basin and Outfall Facilities – Clark County
  - b. Fourth Supplemental: Airport Channel – Naples – Clark County
17. Action to approve the supplemental interlocal contracts for construction and design to decrease funding and extend the project completion date for the following projects (*For possible action*):
  - a. Third Supplemental: Centennial Parkway Channel West – CC 215, Pioneer Way to US95 – City of Las Vegas
  - b. Fourth Supplemental: Centennial Parkway Channel West – CC 215, Pioneer Way to US95 – City of Las Vegas
18. **Comments By the General Public**

This is a period devoted to comments by the general public about matters relevant to the Regional Flood Control District Technical Advisory Committee jurisdiction.

On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016 and 018 have extended Emergency Directive 006 to May 30, 2020.

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



**MINUTES**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**TECHNICAL ADVISORY COMMITTEE**  
**APRIL 30, 2020**  
**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 (RFCDD) offices.*

**MEETING NOTICES:** On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. On March 31, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 010, which extends the suspension of requirements contained in NRS 241.023(1)(b) through April 30, 2020.

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

The meeting of the Technical Advisory Committee was available to livestream at the following link <https://www.ccrfcd.org/stream.htm>.

Public Notices of this meeting were properly posted by Deanna Hughes of the Regional Flood Control District in the following locations: 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. Edward McGuire, Chair, City of Henderson, called the meeting to order at 9:06 a.m., through the virtual hosted meeting on <https://www.ccrfcd.org/stream.htm> with the following members present:

**MEMBERS PRESENT:** Edward McGuire, Chair, City of Henderson  
Travis Anderson, City of Mesquite  
Denis Cederburg, Clark County  
Dale Daffern, City of North Las Vegas  
Steve Ford, City of Las Vegas  
Mike Janssen, City of Las Vegas  
Keegan Littrell, City of Boulder City  
Joseph Leedy, Clark County Water Reclamation District, Alternate

**MEMBERS ABSENT:** John Solvie, Clark County Water Reclamation District

**STAFF:** Steven C. Parrish, General Manager/Chief Engineer  
Andrew Trelease, Assistant General Manager  
Christopher Figgins, Chief Deputy District Attorney  
Todd Myers, Engineering Director  
John Tennert, Environmental Mitigation Manager  
Abigail Mayrena, Principal Civil Engineer  
Brian Rowley, Principal Civil Engineer  
Michael Todd, RFCD Systems Administrator  
Deanna Hughes, Administrative Services Administrator  
Jessica Butte, Fiscal Services Administrator

**INTERESTED PARTIES:** Mr. Ryan Belsick, P.E., Clark County Public Works  
Mr. Matt Baird, P.E., Atkins North America, Inc.

**I. Call to Order**

**Mr. Edward McGuire, Chair, City of Henderson, called the meeting to order at 9:06 a.m., through the virtual hosted meeting on <https://www.ccrfcd.org/stream.htm>.**

**1. Comments By the General Public**

Mr. Parrish read into the record there was no response to the call for Comments by the General Public submitted via email to [publiccomment@regionalflood.org](mailto:publiccomment@regionalflood.org).

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

Staff recommends approval of the agenda.

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

**8 AYES – 0 NAYS**

**Motion Carried**

**3. Action to approve the minutes of the February 27, 2020 meeting (*For possible action*)**

Staff recommends approval of the February 27, 2020 meeting minutes.

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

**8 AYES – 0 NAYS**

**Motion Carried**

## **II. Administration**

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

Staff recommends approval.

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

**8 AYES – 0 NAYS**

**Motion Carried**

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

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

Staff recommends approval.

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

**8 AYES – 0 NAYS**

**Motion Carried**

6. Discussion and possible action to approve the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2020-2021 Project List:

Mr. Parrish stated this was a reminder to submit your drafts for the development of the project prioritization of the Ten-Year Construction Program. These drafts will be compiled into one document and the finalized program will be presented at the May Technical Advisory Committee Meeting and at the June Board of Directors Meeting.

**No Action Required.**

7. Action to accept a presentation and approve and authorize the General Manager to sign an interlocal agreement between the Southern Nevada Water Authority and the District to fund the development of a Site-Specific Criteria for Selenium in the Las Vegas Wash (*For possible action*):

Mr. Parrish stated we have been working on a Selenium Standard for the Las Vegas Wash and we have come to terms with the Southern Nevada Water Authority to



have the Las Vegas Valley Watershed Advisory Committee members pay for the work. A short presentation by Mr. John Tennert will provide you with a little history on this item and where we were, where we are at and where we are going.

Mr. Tennert, RFCD Environmental Mitigation Manager gave a presentation.

Mr. Parrish stated this is good news that we got a \$50,000 grant from the Nevada Department of Environmental Protection. We will be spending that money first and then, as necessary, use the \$100,000 we will be receiving through this agreement from the Southern Nevada Water Authority.

Staff recommends that you accept the presentation and approve the General Manager to sign the agreement.

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

**8 AYES – 0 NAYS**  
**Motion Carried**

8. Action to approve and authorize the Chair to sign a Memorandum of Agreement between the National Weather Service (NWS) and the Regional Flood Control District for retrieval of data necessary and essential for the accurate and timely issuances of flash flood and severe thunderstorm warnings for the citizens of Clark County (*For possible action*):

Mr. Parrish stated years ago the District entered into an Agreement with the National Weather Service to allow us to install a base station at their office. This base station is a backup to our system in our building should a catastrophic event take place. This backup can be immediately accessed by the NWS and is available to the District. The previous agreement to provide Equipment Software Support and access to the system expired. This Agreement extends the previous Agreement.

Staff recommends approval.

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

**8 AYES – 0 NAYS**  
**Motion Carried**

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

9. Duck Creek – Jones Boulevard Storm Drain – Clark County (*For possible action*)

- a. Action to accept the project presentation

Mr. Ryan Belsick, P.E., Clark County Public Works gave a presentation.

Staff recommends acceptance of the project presentation.

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

**8 AYES – 0 NAYS**

**Motion Carried**

- b. Action to approve the interlocal contract for construction

Mr. Parrish stated this is an interlocal contract in the amount of \$3,650,769 for the construction, construction management and entity construction labor costs for this project. There are sufficient funds to support this request.

Staff recommends approval of item 9b.

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

**8 AYES – 0 NAYS**

**Motion Carried**

- 10. Flamingo – Boulder Highway North, Charleston – Boulder Hwy to Maryland Pkwy and Maryland Pkwy System – City of Las Vegas (*For possible action*):

Mr. Parrish noted there is an ID Mile missing from the contract FLBN0280. This ID Mile will be added to the final contract being presented to Board of Directors in May for approval.

- a. Action to accept the project presentation

Mr. Matt Baird, P.E., Atkins North America, Inc., gave a presentation.

Mr. Cederburg asked which agency is funding the laterals. Mr. Baird replied the Regional Flood Control District is funding these since they are part of the regional system all within one-quarter mile of the regional facility.

Staff recommends acceptance of the project presentation.

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

**8 AYES – 0 NAYS**

**Motion Carried**

- b. Action to approve the interlocal contract for construction

Mr. Parrish stated this is an interlocal contract in the amount of \$41,028,829 for the construction, construction management and entity construction labor costs for this project. There are sufficient funds to support this request.

Staff recommends approval of item 10b.

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

**8 AYES – 0 NAYS**

**Motion Carried**

#### **IV. Other Items – For Information Only**

- 11. Receive a report on previous items submitted that were heard and approved by the Board of Directors on April 9, 2020:
  - a. Receive the Quarterly Project Status Reports: reporting period November 2019 through January 2020
  - b. FY 2019-2020 – First Supplemental Interlocal Contract for maintenance to increase funding – City of Henderson
  - c. Second Supplemental Interlocal Contract: Flamingo – Boulder Highway North, Charleston – Main Street to Maryland Parkway – extend the project completion date and add a line item for entity design labor costs – City of Las Vegas
  - d. Third Supplemental Interlocal Contract: Centennial Parkway Channel West – US95, CC215 to Grand Teton and US95 Crossing at Kyle Canyon Road – extend the project completion date and add a line item for entity construction labor costs – City of Las Vegas
  - e. Second Supplemental Interlocal Contract: Gowan North – El Capitan Branch, Ann Road to Centennial Parkway – extend the project completion date and add a line item for entity design labor costs – City of Las Vegas
  - f. Third Supplemental Interlocal Contract: Flamingo – Boulder Highway North, Charleston – Boulder Hwy to Maryland Parkway and Maryland



**Regional Flood Control District  
Technical Advisory Committee Minutes  
April 30, 2020  
Page 7**

- Parkway System – increase funding and add a line item for entity design labor costs – City of Las Vegas
- g. Project Presentation: Duck Creek Haven Street Storm Drain – Clark County
  - h. Original Interlocal Contract: Duck Creek Haven Street Storm Drain – Clark County

Mr. Parrish stated because the District cancelled the March Technical Advisory Committee Meeting because of the pandemic, these items did move forward to the April Board of Directors meeting and were approved. Most of the items were routine, with the exception of Item 11b, 11g and 11h. Item 11b was a Supplemental Interlocal Contract for the City of Henderson for the Annual Maintenance Program providing an increase in funding of \$1.6 million to repair facilities. Item 11g and 11h was a presentation and contract for Duck Creek Haven Street Storm Drain in Clark County.

**No action required.**

**12. Comments By the General Public**

Mr. Parrish read into the record there was no response to the call for Comments by the General Public submitted via email to [publiccomment@regionalflood.org](mailto:publiccomment@regionalflood.org).

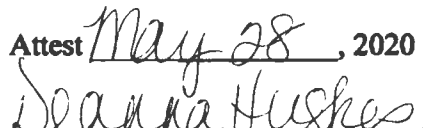
**ADJOURNMENT**

The meeting adjourned at 9:32 a.m.

Respectfully submitted,



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

Attest May 28, 2020  


Deanna Hughes  
Board Secretary

/dmh

DocuSigned by:  
  
046713FB96714C2  
Edward McGuire, Chair  
City of Henderson

- Parkway System – increase funding and add a line item for entity design labor costs – City of Las Vegas
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**No action required.**


**12. Comments By the General Public**

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**ADJOURNMENT**

The meeting adjourned at 9:32 a.m.

Respectfully submitted,

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

\_\_\_\_\_  
Edward McGuire, Chair  
City of Henderson

Attest \_\_\_\_\_, 2020

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

/dmh

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>
FINANCIAL REPORTS – APRIL 2020
<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 April 2020, are submitted for your review:

<u>Section</u>	<u>Description</u>	<u>Page(s)</u>
A - Fund 2860	Fund Balance Report .....	1
	Appropriation Balance Report – FY 2019-20 .....	2
	Sales Tax Revenue Report – FY 2019-20 .....	3
	Monthly Expenditure Summary Report .....	4
B - Fund 2870	Fund Balance Report .....	5
	Maintenance Work Program Monthly Expenditures .....	6-8
	Maintenance Work Program Status Report – FY 2020 .....	9-10
C - Fund 3300	Fund Balance Report .....	11
D - Fund 4430	Fund Balance Report .....	12
	Monthly Expenditure Report .....	13-14

TAC AGENDA ITEM #04 DATE: 05/28/2020	RFCD AGENDA ITEM # DATE: 06/11/2020
CAC AGENDA ITEM #04 DATE: 05/28/2020	



E - Summary	Pay-As-You-Go Funded – Current Project Expense Summary .....	15-40
	Bond Funded – Current Project Expense Summary .....	41-45
	Capital Improvement Program – Open Projects Summary .....	46
	Pay-As-You-Go Funding – Cumulative Reporting .....	47-59
	Bond Funding – Cumulative Reporting.....	60-64
	FY 2019-20 Projects Funded Summary .....	65-66
	Estimated Funding Schedule .....	67

Respectfully submitted,

  
 Jeanine Pitts-Dilworth  
 Administrative Services Director

TAC AGENDA ITEM #04 DATE: 05/28/2020	RFCD AGENDA ITEM # DATE: 06/11/2020
CAC AGENDA ITEM #04 DATE: 05/28/2020	

052820 Financial-item

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

BEGINNING CASH BALANCE:	\$ 15,526,393.94	
Accruals/Adjustments	<u>(493.59)</u>	
	TOTAL BEGINNING BALANCE	\$ 15,525,900.35
REVENUES:		
Sales Tax Revenue (Collected February 2020)	8,393,002.84	
Interest Earnings	19,840.52	
Fund 4430 - Transfer In Interest Earnings	-	
Build America Bonds Rebate	-	
Sale of Materials	-	
Miscellaneous Other Revenue	22,834.90	
Petty Cash Reimbursements	-	
Miscellaneous Accruals/Adjustments	<u>25,360.08</u>	
	TOTAL REVENUES	\$ 8,461,038.34
EXPENDITURES:		
Salaries & Benefits	(395,921.02)	
Services & Supplies	(15,163.59)	
Professional Services	(1,090,058.12)	
Capital Expenditures	(1,460.00)	
Fund 2870 - Transfer Out Maintenance Work Program	(900,000.00)	
Fund 3300 - Transfer Out Debt Service	(3,695,862.51)	
Fund 4430 - Transfer Out Budgeted Transfers	-	
Accruals/Adjustments		
Accounts Payable	(22,834.90)	
Miscellaneous Accruals/Adjustments	<u>84,319.54</u>	
	TOTAL EXPENSES	\$ <u>(6,036,980.60)</u>
ENDING CASH BALANCE:		\$ <u><u>17,949,958.09</u></u>

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	\$ 78,253,941.05	N/A	\$ 35,178,709.95	31%
Other Sources	800,000.00	553,846.14	N/A	246,153.86	31%
<b>TOTAL</b>	<b>\$ 114,232,651.00</b>	<b>\$ 78,807,787.19</b>	<b>N/A</b>	<b>\$ 35,424,863.81</b>	<b>31%</b>

EXPENDITURES/TRANSFERS

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	AVAILABLE	% AVAILABLE
Expenditures	\$ 10,409,100.00	\$ 6,243,589.98	\$ 1,874,657.61	\$ 2,290,852.41	22%
Transfers Out					
Debt Service	52,600,000.00	42,302,920.74	-	10,297,079.26	20%
MWP	11,000,000.00	7,400,000.00	-	3,600,000.00	33%
CIP (1)(2)	48,000,000.00	26,550,000.00	-	21,450,000.00	45%
<b>TOTAL</b>	<b>\$ 122,009,100.00</b>	<b>\$ 82,496,510.72</b>	<b>\$ 1,874,657.61</b>	<b>\$ 37,637,931.67</b>	<b>31%</b>

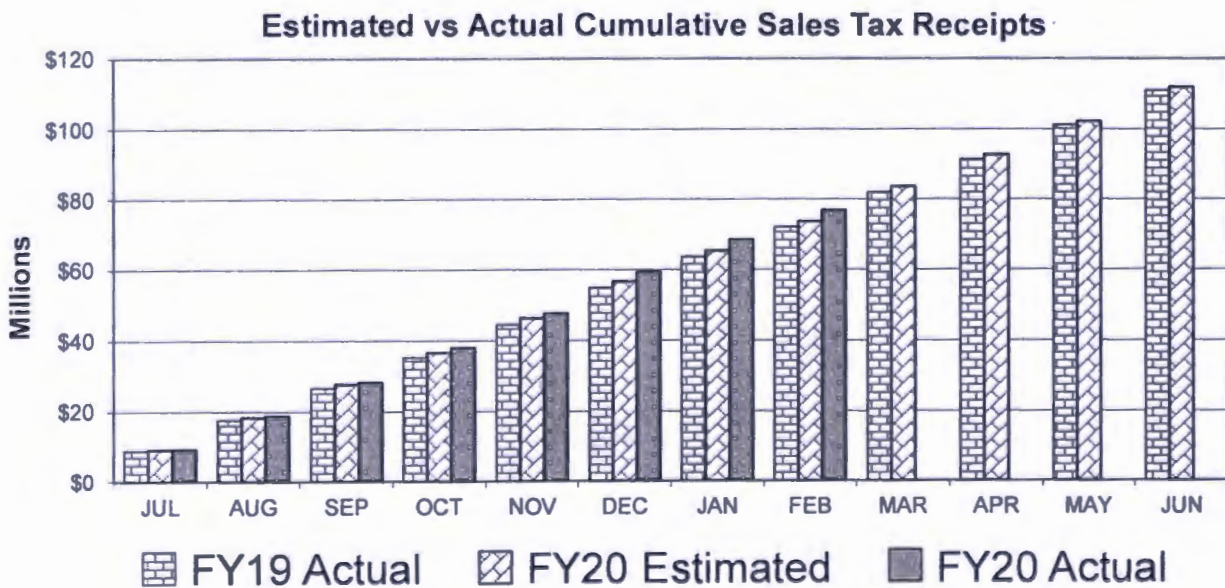
Notes:

(1) Includes Local Drainage program.

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

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

MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE (as approved April 11, 2019)	ACTUAL SALES TAX REVENUES	DIFFERENCE OVER/(UNDER) ESTIMATE	PERCENT +/- FROM ESTIMATE
JULY	\$ 9,165,429.12	\$ 9,217,019.59	\$ 51,590.47	0.56%
AUGUST	9,147,312.43	9,567,227.26	419,914.83	4.59%
SEPTEMBER	9,351,437.62	9,492,015.38	140,577.76	1.50%
OCTOBER	8,978,773.95	9,653,328.50	674,554.55	7.51%
NOVEMBER	9,720,995.41	9,769,399.95	48,404.54	0.50%
DECEMBER	10,288,967.62	11,526,859.75	1,237,892.13	12.03%
JANUARY	8,654,068.05	9,225,738.25	571,670.20	6.61%
FEBRUARY	8,256,976.72	8,393,002.84	136,026.12	1.65%
MARCH	10,121,264.69			
APRIL	9,108,670.68			
MAY	9,408,410.30			
JUNE	9,697,693.41			
TOTAL:	\$ 111,900,000.00	\$ 76,844,591.52	\$ 3,280,630.60	4.46%



**Schedule of Monthly Expenditures - Summary**  
**Fund 2860 - Operating Fund**  
**4/1/2020 to 4/30/2020**

<u>Fiscal Year</u>	<u>Account #</u>	<u>Account Name</u>	<u>Amount</u>
2020	61*/62*	Salaries and Benefits	395,921.02
	630000	Other Professional Services	1,087,274.92
	635000	Pro Svcs-Legal	2,783.20
	640310	R & M-Facilities	210.00
	640320	R & M-Equipment	4,138.00
	640340	R & M-Vehicles	594.39
	641000	Other Rental Expense	467.69
	644610	Information System Services	1,994.82
	646100	Telephone-Local	628.98
	646120	Cell Phones/Beepers	347.79
	648100	Printing/Reproduction	2,250.61
	663000	Operating Supplies	193.71
	663400	Office Supplies	1,230.61
	663421	LVA-IT Hardware-Modified Accrual	2,341.02
	670100	Electricity	262.76
	679600	Postage	503.21
	680400	Capital Outlay-Equipment-Mod Accrual	1,460.00
		<b>Fiscal Year Total</b>	<b><u>\$1,502,602.73</u></b>
		<b>Grand Total</b>	<b><u><u>\$1,502,602.73</u></u></b>



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

BEGINNING CASH BALANCE:	\$ 9,523,742.67	
Accruals/Adjustments		
	<hr/>	
TOTAL BEGINNING CASH BALANCE:		\$ 9,523,742.67
REVENUES:		
Interest Income	16,659.10	
Fund 2860 - Transfer In Maintenance Work Program	900,000.00	
Miscellaneous Other Revenue/Adjustments	22,834.90	
	<hr/>	
TOTAL MONTHLY REVENUES		\$ 939,494.00
EXPENDITURES:		
Services & Supplies	(442,466.24)	
Maintenance Work Program Expenditures	-	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	(22,834.90)	
Contract Retention Payable	-	
Contract Retention Interest Payable	-	
Accounts Payable	-	
	<hr/>	
TOTAL MONTHLY EXPENSES		\$ (465,301.14)
ENDING CASH BALANCE:		<u><u>\$ 9,997,935.53</u></u>

**Regional Flood Control District**  
**Monthly Expenditures**  
**Maintenance Work Program**  
**4/1/2020 to 4/30/2020**

**Fiscal Year - 2020**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7556701	10/30/2019	4500306664	04/29/2020	\$7,634.45
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7559601	10/30/2019	4500306664	04/29/2020	\$646.40
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7559602	10/31/2019	4500306664	04/29/2020	\$23.40
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7569201	11/13/2019	4500306664	04/29/2020	\$8,108.55
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7782303	03/24/2020	4500306664	04/29/2020	\$1,414.87
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7790302	03/06/2020	4500306664	04/01/2020	\$6,241.30
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7790303	03/17/2020	4500306664	04/08/2020	\$150.00
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7815101	02/27/2020	4500306664	04/01/2020	\$2,249.27
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7850701	02/27/2020	4500306664	04/01/2020	\$3,554.63
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7851601	03/05/2020	4500306664	04/01/2020	\$2,436.05
CASHMAN EQUIPMENT RENTAL CO LLC	RF.HN69	I7851701	03/05/2020	4500306664	04/01/2020	\$2,042.25
CITY OF HENDERSON	RF.HN65	MSC5033079	03/17/2020	4500306666	04/01/2020	\$3,544.27
CITY OF HENDERSON	RF.HN65	MSC5033140	03/25/2020	4500306666	04/08/2020	\$1,000.00
CITY OF HENDERSON	RF.HN65	MSC5033141	03/25/2020	4500306666	04/08/2020	\$356.55
CITY OF HENDERSON	RF.HN65	MSC5033141	03/25/2020	4500306666	04/08/2020	\$33.67
CITY OF HENDERSON	RF.HN65	MSC5033141	03/25/2020	4500306666	04/08/2020	\$1,289.63
CITY OF HENDERSON	RF.HN65	MSC5033141	03/25/2020	4500306666	04/08/2020	\$332.69
CITY OF HENDERSON	RF.HN66	MSC5033079	03/17/2020	4500306666	04/01/2020	\$633.43
CITY OF HENDERSON	RF.HN66	MSC5033141	03/25/2020	4500306666	04/08/2020	\$552.84
CITY OF HENDERSON	RF.HN66	MSC5033141	03/25/2020	4500306666	04/08/2020	\$165.22
CITY OF HENDERSON	RF.HN66	MSC5033141	03/25/2020	4500306666	04/08/2020	\$57.39
CITY OF HENDERSON	RF.HN66	MSC5033141	03/25/2020	4500306666	04/08/2020	\$363.45
CITY OF HENDERSON	RF.HN67	MSC5033079	03/17/2020	4500306666	04/01/2020	\$844.68
CITY OF HENDERSON	RF.HN67	MSC5033140	03/25/2020	4500306666	04/08/2020	\$520.00
CITY OF HENDERSON	RF.HN67	MSC5033141	03/25/2020	4500306666	04/08/2020	\$448.98
CITY OF HENDERSON	RF.HN67	MSC5033141	03/25/2020	4500306666	04/08/2020	\$72.69
CITY OF HENDERSON	RF.HN67	MSC5033141	03/25/2020	4500306666	04/08/2020	\$115.80
CITY OF HENDERSON	RF.HN67	MSC5033141	03/25/2020	4500306666	04/08/2020	\$57.39
CITY OF HENDERSON	RF.HN68	MSC5033079	03/17/2020	4500306666	04/01/2020	\$648.20
CITY OF HENDERSON	RF.HN68	MSC5033141	03/25/2020	4500306666	04/08/2020	\$43.75
CITY OF HENDERSON	RF.HN69	MSC5033079	03/17/2020	4500306666	04/01/2020	\$1,384.39
CITY OF HENDERSON	RF.HN69	MSC5033140	03/25/2020	4500306666	04/08/2020	\$1,000.00

5/18/2020 - MWP Expenditures



**Regional Flood Control District**  
**Monthly Expenditures**  
**Maintenance Work Program**  
**4/1/2020 to 4/30/2020**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF HENDERSON	RF.HN69	MSC5033140	03/25/2020	4500306666	04/08/2020	\$369.63
CITY OF HENDERSON	RF.HN69	MSC5033141	03/25/2020	4500306666	04/08/2020	\$179.14
CITY OF HENDERSON	RF.HN69	MSC5033141	03/25/2020	4500306666	04/08/2020	\$48,452.92
CITY OF HENDERSON	RF.HN69	MSC5033141	03/25/2020	4500306666	04/08/2020	\$326.20
CITY OF HENDERSON	RF.HN69	MSC5033141	03/25/2020	4500306666	04/08/2020	\$773.55
CITY OF HENDERSON	RF.HN69	MSC5033141	03/25/2020	4500306666	04/08/2020	\$130.48
CITY OF HENDERSON	RF.HN70	MSC5033079	03/17/2020	4500306666	04/01/2020	\$633.43
CITY OF HENDERSON	RF.HN70	MSC5033140	03/25/2020	4500306666	04/08/2020	\$2,138.40
CITY OF HENDERSON	RF.HN70	MSC5033141	03/25/2020	4500306666	04/08/2020	\$200.94
CITY OF HENDERSON	RF.HN71	MSC5033079	03/17/2020	4500306666	04/01/2020	\$633.43
CITY OF HENDERSON	RF.HN72	MSC5033079	03/17/2020	4500306666	04/01/2020	\$556.89
CITY OF HENDERSON	RF.HN72	MSC5033141	03/25/2020	4500306666	04/08/2020	\$716.56
CITY OF HENDERSON	RF.HN73	MSC5033079	03/17/2020	4500306666	04/01/2020	\$556.89
CITY OF LAS VEGAS	RF.LV51	312638	03/12/2020	4500306975	04/29/2020	\$1,838.53
CITY OF LAS VEGAS	RF.LV51	316037	04/13/2020	4500306975	04/29/2020	\$1,632.80
CITY OF LAS VEGAS	RF.LV52	312638	03/12/2020	4500306975	04/29/2020	\$5,695.00
CITY OF LAS VEGAS	RF.LV52	312638	03/12/2020	4500306975	04/29/2020	\$1,928.53
CITY OF LAS VEGAS	RF.LV52	316037	04/13/2020	4500306975	04/29/2020	\$1,768.43
CITY OF LAS VEGAS	RF.LV53	312638	03/12/2020	4500306975	04/29/2020	\$2,182.64
CITY OF LAS VEGAS	RF.LV53	316037	04/13/2020	4500306975	04/29/2020	\$3,371.20
CITY OF LAS VEGAS	RF.LV54	312638	03/12/2020	4500306975	04/29/2020	\$9,338.82
CITY OF LAS VEGAS	RF.LV54	312638	03/12/2020	4500306975	04/29/2020	\$351.60
CITY OF LAS VEGAS	RF.LV54	312638	03/12/2020	4500306975	04/29/2020	\$5,227.14
CITY OF LAS VEGAS	RF.LV54	316037	04/13/2020	4500306975	04/29/2020	\$581.49
CITY OF LAS VEGAS	RF.LV54	316037	04/13/2020	4500306975	04/29/2020	\$1,536.00
CITY OF LAS VEGAS	RF.LV56	312638	03/12/2020	4500306975	04/29/2020	\$10,653.40
CITY OF LAS VEGAS	RF.LV56	312638	03/12/2020	4500306975	04/29/2020	\$5,095.05
CITY OF LAS VEGAS	RF.LV56	316037	04/13/2020	4500306975	04/29/2020	\$9,897.00
CITY OF LAS VEGAS	RF.LV56	316037	04/13/2020	4500306975	04/29/2020	\$6,211.80
CITY OF LAS VEGAS	RF.LV57	312638	03/12/2020	4500306975	04/29/2020	\$10,544.38
CITY OF LAS VEGAS	RF.LV57	316037	04/13/2020	4500306975	04/29/2020	\$7,370.64
CITY OF NORTH LAS VEGAS	RF.NL02	353149	04/06/2020	4500306668	04/15/2020	\$1,095.34
CITY OF NORTH LAS VEGAS	RF.NL02	353149	04/06/2020	4500306668	04/15/2020	\$3,164.30
CITY OF NORTH LAS VEGAS	RF.NL04	353149	04/06/2020	4500306668	04/15/2020	\$8,066.19
CITY OF NORTH LAS VEGAS	RF.NL05	353149	04/06/2020	4500306668	04/15/2020	\$15,017.39
CITY OF NORTH LAS VEGAS	RF.NL06	353149	04/06/2020	4500306668	04/15/2020	\$427.78
CITY OF NORTH LAS VEGAS	RF.NL07	353149	04/06/2020	4500306668	04/15/2020	\$32,900.89

**Regional Flood Control District**  
**Monthly Expenditures**  
**Maintenance Work Program**  
**4/1/2020 to 4/30/2020**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF NORTH LAS VEGAS	RF.NL07	353149	04/06/2020	4500306668	04/15/2020	\$14,401.29
CITY OF NORTH LAS VEGAS	RF.NL08	353149	04/06/2020	4500306668	04/15/2020	\$171.03
CITY OF NORTH LAS VEGAS	RF.NL10	353149	04/06/2020	4500306668	04/15/2020	\$14,401.29
CITY OF NORTH LAS VEGAS	RF.NL12	353149	04/06/2020	4500306668	04/15/2020	\$55,224.04
CITY OF NORTH LAS VEGAS	RF.NL12	353149	04/06/2020	4500306668	04/15/2020	\$14,401.29
CITY OF NORTH LAS VEGAS	RF.NL12	353149	04/06/2020	4500306668	04/15/2020	\$2,333.65
CITY OF NORTH LAS VEGAS	RF.NL13	353149	04/06/2020	4500306668	04/15/2020	\$395.00
CITY OF NORTH LAS VEGAS	RF.NL13	353149	04/06/2020	4500306668	04/15/2020	\$564.96
CITY OF NORTH LAS VEGAS	RF.NL14	353149	04/06/2020	4500306668	04/15/2020	\$1,215.64
CITY OF NORTH LAS VEGAS	RF.NL16	353149	04/06/2020	4500306668	04/15/2020	\$171.03
CITY OF NORTH LAS VEGAS	RF.NL18	353149	04/06/2020	4500306668	04/15/2020	\$14,401.29
ECCO EQUIPMENT CORP	RF.HN69	209300-0001	02/26/2020	4500312982	04/01/2020	\$13,152.52
PUBLIC WORKS/CC TREAS	RF.CC01	4020000032	04/30/2020	none	04/30/2020	\$27,750.00
PUBLIC WORKS/CC TREAS	RF.CC02	4020000033	04/30/2020	none	04/30/2020	\$6,937.50
PUBLIC WORKS/CC TREAS	RF.CC03	4020000034	04/30/2020	none	04/30/2020	\$12,487.50
PUBLIC WORKS/CC TREAS	RF.CC05	4020000035	04/30/2020	none	04/30/2020	\$12,487.50
PUBLIC WORKS/CC TREAS	RF.CC05	4020000036	04/30/2020	none	04/30/2020	\$451.50
PUBLIC WORKS/CC TREAS	RF.CC06	4020000037	04/30/2020	none	04/30/2020	\$12,487.50
PUBLIC WORKS/CC TREAS	RF.CC09	4020000038	04/30/2020	none	04/30/2020	\$11,100.00
REGIONAL FLOOD CONTROL	#Error	2020079411	04/21/2020	none	04/21/2020	(\$22,834.90)
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN68	1200300187	03/16/2020	4500306669	04/15/2020	\$1,235.62
<b>Total Expenditures</b>						<b>\$442,466.24</b>
<b>Grand Total</b>						<b>\$442,466.24</b>



**Regional Flood Control District****Maintenance Work Program Status Report - Fiscal Year 2020****Boulder City**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.BC01	Hemenway Watershed	\$238,500.00	\$91,115.09	\$147,384.91
RF.BC02	Georgia/Buchanan Watershed	\$95,350.00	\$6,569.64	\$88,780.36
RF.BC03	North Railroad Watershed	\$31,150.00	\$26,776.17	\$4,373.83
RF.BC04	West Airport Watershed	\$35,000.00	\$1,542.18	\$33,457.82
		<b>\$400,000.00</b>	<b>\$126,003.08</b>	<b>\$273,996.92</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	\$639,600.00	\$335,768.90	\$303,831.10
RF.CC02	Las Vegas Wash	\$300,000.00	\$133,066.44	\$166,933.56
RF.CC03	Duck Creek	\$369,500.00	\$95,878.84	\$273,621.16
RF.CC05	Las Vegas Range Wash	\$430,000.00	\$156,602.71	\$273,397.29
RF.CC06	Tropicana Wash	\$200,000.00	\$34,848.70	\$165,151.30
RF.CC07	Airport Channel	\$35,000.00	\$5,727.94	\$29,272.06
RF.CC08	Monson Channel	\$1,854,700.00	\$15,394.02	\$1,839,305.98
RF.CC09	Rawhide Channel	\$40,000.00	\$14,146.41	\$25,853.59
RF.CC10	Van Buskirk Channel	\$52,000.00	\$21,524.13	\$30,475.87
RF.CC11	Flamingo Wash North Fork	\$21,000.00	\$2,005.37	\$18,994.63
RF.CC14	Laughlin Washes	\$39,500.00	\$3,109.88	\$36,390.12
RF.CC15	Moapa Valley	\$90,000.00	\$573.72	\$89,426.28
RF.CC16	Blue Diamond Wash	\$100,300.00	\$34,963.32	\$65,336.68
RF.CC17	Searchlight	\$7,600.00	\$367.71	\$7,232.29
RF.CC18	Bunkerville	\$10,000.00	\$1,759.88	\$8,240.12
RF.CC19	Pittman Wash	\$41,500.00	\$2,832.45	\$38,667.55
RF.CC20	Indian Springs	\$10,000.00	\$1,178.01	\$8,821.99
RF.CC21	Northern Beltway Channels	\$34,000.00	\$2,046.09	\$31,953.91
		<b>\$4,274,700.00</b>	<b>\$861,794.52</b>	<b>\$3,412,905.48</b>

**Henderson**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN65	C1 North	\$1,956,450.30	\$227,870.85	\$1,728,579.45
RF.HN66	C1 South	\$83,207.83	\$21,545.37	\$61,662.46
RF.HN67	Pittman Central NE	\$85,561.03	\$44,100.43	\$41,460.60
RF.HN68	Pittman Central SE	\$589,398.55	\$86,356.18	\$503,042.37
RF.HN69	Pittman Central NW	\$830,701.71	\$384,595.12	\$446,106.59
RF.HN70	Pittman Central SW	\$83,673.68	\$16,011.22	\$67,662.46
RF.HN71	Pittman Anthem Inspirada	\$115,172.28	\$21,207.97	\$93,964.31
RF.HN72	Pittman Seven Hills	\$83,003.51	\$18,529.02	\$64,474.49
RF.HN73	Pittman West Henderson	\$23,531.11	\$6,258.67	\$17,272.44
		<b>\$3,850,700.00</b>	<b>\$826,474.83</b>	<b>\$3,024,225.17</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	\$33,746.02	\$66,253.98
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$362,000.00	\$34,615.12	\$327,384.88
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	\$100,000.00	\$8,192.17	\$91,807.83

## Regional Flood Control District

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

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV54	Las Vegas Wash System	\$938,000.00	\$655,686.01	\$282,313.99
RF.LV55	Meadows/Oakey System	\$100,000.00	\$3,408.25	\$96,591.75
RF.LV56	Washington Ave/LV Creek	\$77,000.00	\$42,153.16	\$34,846.84
RF.LV57	US95/Outer Beltway/Ann Road System	\$1,148,000.00	\$1,042,674.24	\$105,325.76
		<b>\$2,825,000.00</b>	<b>\$1,820,474.97</b>	<b>\$1,004,525.03</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	\$1,183.20	\$17,816.80
RF.ME02	Abbott Wash Channel	\$14,300.00	\$3,308.60	\$10,991.40
RF.ME04	Town Wash Detention Basin	\$617,400.00	\$554,944.57	\$62,455.43
RF.ME07	Pulsipher Wash	\$29,400.00	\$565.28	\$28,834.72
RF.ME08	Abbott Wash Detention Basin	\$60,000.00	\$4,309.53	\$55,690.47
RF.ME09	Pulsipher Wash Detention Basin	\$29,700.00	\$3,273.29	\$26,426.71
		<b>\$769,800.00</b>	<b>\$567,584.47</b>	<b>\$202,215.53</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	\$75,075.00	\$28,161.55	\$46,913.45
RF.NL02	Las Vegas Wash-Middle	\$107,162.25	\$62,625.22	\$44,537.03
RF.NL03	LV Wash-King Charles Channel	\$87,206.65	\$36,038.40	\$51,168.25
RF.NL04	Vandenberg Detention Basin	\$164,522.87	\$45,896.62	\$118,626.25
RF.NL05	North Las Vegas Detention Basin	\$131,999.90	\$45,967.63	\$86,032.27
RF.NL06	Upper LVW DB & Moccasin Levee	\$59,022.11	\$10,468.10	\$48,554.01
RF.NL07	Carey/Lake Mead Detention Basin	\$346,708.50	\$307,870.71	\$38,837.79
RF.NL08	Gowan Outfall Channel	\$59,669.71	\$765.81	\$58,903.90
RF.NL10	Upper Las Vegas Wash	\$51,869.56	\$51,116.97	\$752.59
RF.NL11	Clayton Street Channel	\$56,071.00	\$17,752.27	\$38,318.73
RF.NL12	Lower Las Vegas Detention Basin	\$269,808.69	\$223,429.04	\$46,379.65
RF.NL13	West Trib-Ranch House to Lower LV DB	\$64,571.00	\$15,263.99	\$49,307.01
RF.NL14	Trib to Western Trib @ Craig Rd	\$51,696.38	\$4,817.56	\$46,878.82
RF.NL15	Las Vegas Wash-Smoke Ranch	\$53,071.00	\$11,794.94	\$41,276.06
RF.NL16	Upper Las Vegas Wash Channel	\$97,587.60	\$41,769.67	\$55,817.93
RF.NL17	Range Wash-LVW Diversion & Levee	\$52,320.59	\$656.04	\$51,664.55
RF.NL18	Cheyenne Peaking Basin	\$106,137.19	\$84,786.04	\$21,351.15
		<b>\$1,834,500.00</b>	<b>\$989,180.56</b>	<b>\$845,319.44</b>

<b>Program Total</b>	<b>\$13,954,700.00</b>	<b>\$5,191,512.43</b>	<b>\$8,763,187.57</b>
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REGIONAL FLOOD CONTROL DISTRICT  
FUND 3300 - BOND DEBT SERVICE FUND  
FUND BALANCE REPORT  
APRIL 2020

BEGINNING CASH BALANCE	\$ 19,306,504.31	
Accruals/Adjustments	<u>-</u>	
TOTAL BEGINNING CASH BALANCE		\$ 19,306,504.31
REVENUES:		
Interest Income	41,023.67	
Fund 2860 - Transfer In Debt Service	3,695,862.51	
Bonds Issued	-	
Premium on Bonds Issued	-	
Miscellaneous Other Revenue	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	<u>-</u>	
TOTAL MONTHLY REVENUES		\$ 3,736,886.18
EXPENDITURES:		
Professional Services	-	
Debt Service Payments*	-	
Payments to Escrow Agent	-	
Transfers Out to Other Funds	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	<u>-</u>	
TOTAL MONTHLY EXPENSES		\$ <u>-</u>
ENDING CASH BALANCE:		<u><u>\$ 23,043,390.49</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  
APRIL 2020

BEGINNING CASH BALANCE:

Cash in Custody of Treasurer	\$ 124,303,447.97	
Custodial Account Cash Balance	124,876,537.02	
Accruals/Adjustments	-	
	<hr/>	
TOTAL BEGINNING CASH BALANCE		\$ 249,179,984.99

REVENUES:

Fund 2860 - Transfer In Budgeted Transfer	-	
Fund 3300 - Transfer In Bond Proceeds	-	
Fund 4440 - Transfer In Budgeted Transfer	-	
Custodial Account - Transfer In to Treasurer	10,000,000.00	
Interest Earnings	221,548.29	
Custodial Account Interest Earnings	-	
Proceeds from Bonds and Loans	-	
Miscellaneous Other Revenue	-	
Accruals/Adjustments	-	
Miscellaneous Accruals/Adjustments	-	
	<hr/>	
TOTAL MONTHLY REVENUES		\$ 10,221,548.29

EXPENDITURES:

Capital Improvement Program	(809,110.56)	
Professional Services	-	
Project Reimbursements	-	
Fund 2860 - Transfer Out Interest Earnings	-	
Fund 2860 - Transfer Out ILA Closeout/Reductions	-	
Custodial Account - Transfer Out to Treasurer	(10,000,000.00)	
Accruals/Adjustments	-	
Contracts Retention Payable	1,654.11	
Contracts Retention Interest Payable	-	
Accounts Payable	-	
Miscellaneous Accruals/Adjustments	(1,518.31)	
	<hr/>	
TOTAL MONTHLY EXPENDITURES		\$ (10,808,974.76)

ENDING CASH BALANCE:

Cash in Custody of Treasurer	133,716,021.50
Custodial Account Cash Balance	114,876,537.02
	<hr/>

ENDING CASH BALANCE: \$ 248,592,558.52

**Regional Flood Control District  
Monthly Expenditures  
Capital Improvement Program  
4/1/2020 to 4/30/2020**

**Fund 4430**

**Fiscal Year 2020**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF HENDERSON	RF.HEN07F18	MSC5033077	03/17/2020	4800008975 00010	04/01/2020	\$1,650.69
CITY OF HENDERSON	RF.HEN16F17	MSC5033076	03/17/2020	4800008512 00010	04/01/2020	\$1,200.42
CITY OF HENDERSON	RF.HEN25B19	MSC5033078	03/17/2020	4800009491 00010	04/01/2020	\$810.95
CITY OF LAS VEGAS	RF.LAS16P15	315997	04/13/2020	4800007389 00010	04/29/2020	\$5,337.93
CITY OF LAS VEGAS	RF.LAS16Q18	315957	04/13/2020	4800008811 00010	04/29/2020	\$1,882.02
CITY OF LAS VEGAS	RF.LAS22U19	316697	04/13/2020	4800009466 00010	04/29/2020	\$163.92
CITY OF LAS VEGAS	RF.LAS24J15	312657A	03/12/2020	4800007189 00010	04/15/2020	\$3,573.85
CITY OF LAS VEGAS	RF.LAS24J15	312657A	03/12/2020	4800007189 00040	04/15/2020	\$123.56
CITY OF LAS VEGAS	RF.LAS24J15	312657B	03/12/2020	none	04/15/2020	\$786.15
CITY OF LAS VEGAS	RF.LAS24J15	314817	04/01/2020	4800007189 00040	04/15/2020	\$14,666.08
CITY OF LAS VEGAS	RF.LAS24J15	315918	04/13/2020	none	04/29/2020	\$1,090.00
CITY OF LAS VEGAS	RF.LAS24L17	315977	04/13/2020	4800008446 00010	04/29/2020	\$988.88
CITY OF LAS VEGAS	RF.LAS24M17	305097A	01/14/2020	4800008554 00010	04/08/2020	\$20,013.16
CITY OF LAS VEGAS	RF.LAS24M17	305097A	01/14/2020	4800008554 00020	04/08/2020	\$42,510.00
CITY OF LAS VEGAS	RF.LAS24M17	305097B	01/14/2020	none	04/08/2020	\$3,641.84
CITY OF LAS VEGAS	RF.LAS29B15	316017	04/13/2020	4800007391 00010	04/29/2020	\$10,151.78
CITY OF LAS VEGAS	RF.LAS29C16	312197	03/24/2020	4500255470 00010	04/01/2020	\$63,918.22
CITY OF LAS VEGAS	RF.LAS29E18	315938	04/13/2020	4800009097 00010	04/29/2020	\$21,318.47
CITY OF LAS VEGAS	RF.LAS29E18	315938	04/13/2020	4800009097 00020	04/29/2020	\$22,813.33
CITY OF LAS VEGAS	RF.LAS30A13	317017	04/14/2020	4800005744 00020	04/29/2020	\$20,424.60
CITY OF LAS VEGAS	RF.LAS31A17	315937	04/13/2020	4800008684 00010	04/29/2020	\$390.00
CITY OF MESQUITE	RF.MES01E17	PW2020201	04/13/2020	4800008683 00010	04/27/2020	\$28,812.00
CITY OF MESQUITE	RF.MES04A15	PW2020202	04/13/2020	4800007392 00010	04/25/2020	\$54,333.75
JACOBS ENGINEERING GROUP INC	RF.HEN07F18	W7Y27000- 006	03/19/2020	4800009268 00010	04/17/2020	\$6,235.00
JACOBS ENGINEERING GROUP INC	RF.HEN07F18	W7Y27000- 006	03/19/2020	4800009268 00020	04/17/2020	\$14,955.41
LAS VEGAS PAVING CORP	RF.HEN25B19	HEN25B19#1	03/02/2020	4800009505 00010	04/24/2020	\$33,082.26
PUBLIC WORKS/CC TREAS	RF.CLA04Y19	1520111552	04/08/2020	none	04/08/2020	\$6,945.73
PUBLIC WORKS/CC TREAS	RF.CLA08R13	1520113533	04/15/2020	none	04/15/2020	\$47.77
PUBLIC WORKS/CC TREAS	RF.CLA08R13	1520113533	04/15/2020	none	04/15/2020	\$16,623.16
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1520111531	04/08/2020	none	04/08/2020	\$4,557.70
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1520111539	04/08/2020	none	04/08/2020	\$9,828.54
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1520111539	04/08/2020	none	04/08/2020	\$2,600.00
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1520111551	04/08/2020	none	04/08/2020	\$25,900.06
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1520111546	04/08/2020	none	04/08/2020	\$663.42

5/18/2020 - Project Expenditures



**Regional Flood Control District  
Monthly Expenditures  
Capital Improvement Program  
4/1/2020 to 4/30/2020**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1520111549	04/08/2020	none	04/08/2020	\$1,878.08
PUBLIC WORKS/CC TREAS	RF.CLA10H13	1520112565	04/13/2020	none	04/13/2020	\$1,068.00
PUBLIC WORKS/CC TREAS	RF.CLA10I19	1520111554	04/08/2020	none	04/08/2020	\$2,367.00
PUBLIC WORKS/CC TREAS	RF.CLA10I19	1520112554	04/13/2020	none	04/13/2020	\$1,190.91
PUBLIC WORKS/CC TREAS	RF.CLA10I19	1520112562	04/13/2020	none	04/13/2020	\$10,462.78
PUBLIC WORKS/CC TREAS	RF.CLA10I19	1520112562	04/13/2020	none	04/13/2020	\$3,144.95
PUBLIC WORKS/CC TREAS	RF.CLA10I19	1520112564	04/13/2020	none	04/13/2020	\$2,520.97
PUBLIC WORKS/CC TREAS	RF.CLA10I19	1520112564	04/13/2020	none	04/13/2020	\$125.00
PUBLIC WORKS/CC TREAS	RF.CLA10I19	1520112564	04/13/2020	none	04/13/2020	\$11,440.35
PUBLIC WORKS/CC TREAS	RF.CLA16O19	1520112553	04/13/2020	none	04/13/2020	\$5,097.44
PUBLIC WORKS/CC TREAS	RF.CLA16O19	1520112561	04/13/2020	none	04/13/2020	\$5,647.38
PUBLIC WORKS/CC TREAS	RF.CLA16O19	1520112561	04/13/2020	none	04/13/2020	\$7,044.54
PUBLIC WORKS/CC TREAS	RF.CLA16O19	1520112563	04/13/2020	none	04/13/2020	\$30,761.30
PUBLIC WORKS/CC TREAS	RF.CLA16O19	1520112563	04/13/2020	none	04/13/2020	\$7,413.47
PUBLIC WORKS/CC TREAS	RF.CLA16O19	1520112563	04/13/2020	none	04/13/2020	\$1,270.00
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1520111527	04/08/2020	none	04/08/2020	\$74,130.68
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1520111548	04/08/2020	none	04/08/2020	\$5,309.61
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1520112566	04/13/2020	none	04/13/2020	\$92,418.66
PUBLIC WORKS/CC TREAS	RF.CLA39A19	1520111555	04/08/2020	none	04/08/2020	\$97.83
PUBLIC WORKS/CC TREAS	RF.CLA39A19	1520116915	04/27/2020	none	04/27/2020	\$6,184.20
PUBLIC WORKS/CC TREAS	RF.CLA39A19	1520116915	04/27/2020	none	04/27/2020	\$2,667.92
PUBLIC WORKS/CC TREAS	RF.CLA39A19	1520116917	04/27/2020	none	04/27/2020	\$47,599.09
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1520112577	04/13/2020	none	04/13/2020	\$1,060.18
PUBLIC WORKS/CC TREAS	RF.MOA01F10	1520111547	04/08/2020	none	04/08/2020	\$2,235.77
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1520111510	04/08/2020	none	04/08/2020	\$38,688.42
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1520116907	04/27/2020	none	04/27/2020	\$4,305.38
REGIONAL FLOOD CONTROL	RF.CLA08S13	1020055189	04/16/2020	none	04/16/2020	\$6,382.87
REGIONAL FLOOD CONTROL	RF.CLA08S13	1020055189	04/16/2020	none	04/16/2020	(\$6,382.87)
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053453	04/01/2020	none	04/01/2020	\$2,031.75
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053453	04/01/2020	none	04/01/2020	(\$2,031.75)
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053453	04/01/2020	none	04/01/2020	\$3,167.19
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053453	04/01/2020	none	04/01/2020	(\$3,167.19)
REGIONAL FLOOD CONTROL	RF.SEA03B17	1020056131	04/29/2020	none	04/29/2020	\$11,087.20
REGIONAL FLOOD CONTROL	RF.SEA03B17	1020056131	04/29/2020	none	04/29/2020	(\$11,087.20)
VTN NEVADA	RF.HEN16A01	7520#74	04/15/2020	4800006059 00020	04/29/2020	\$940.00
<b>Fiscal Year Total</b>						<b>\$809,110.56</b>
<b>Fund Total</b>						<b>\$809,110.56</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	\$695,626.07	\$34,373.93
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$7,726.67	\$7,273.33
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$745,000.00</b>	<b>\$703,352.74</b>	<b>\$41,647.26</b>

**BOU01D17**

**Hemenway System, Phase IIA Improvements**

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

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

**Expiration Date 02/09/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,200,000.00	\$2,097,672.44	\$102,327.56
Const Engineering	\$295,000.00	\$289,453.97	\$5,546.03
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,495,000.00</b>	<b>\$2,387,126.41</b>	<b>\$107,873.59</b>



## Current Project Expense Summary

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

ENTITY: Clark County

CLA04E99

Flamingo Wash, McLeod Dr to Maryland PKWY

Interlocal Amount \$2,980,000.00

Original Funding Date 08/12/1999

Expiration Date 06/30/2021

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

CLA04Y19

Flamingo Wash, Maryland Pkwy to Palos Verdes Street

Interlocal Amount \$535,000.00

Original Funding Date 04/11/2019

Expiration Date 06/30/2024

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$500,000.00	\$6,945.73	\$493,054.27
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
Total	\$535,000.00	\$6,945.73	\$528,054.27

CLA08R13

Duck Creek, Las Vegas Boulevard

Interlocal Amount \$485,000.00

Original Funding Date 09/12/2013

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$22,000.00	\$20,195.37	\$1,804.63
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$463,000.00	\$394,736.97	\$68,263.03
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$485,000.00	\$414,932.34	\$70,067.66

## Current Project Expense Summary

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

**CLA08S13**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$31,000.00	\$26,300.17	\$4,699.83
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,248,000.00	\$1,133,711.50	\$114,288.50
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$81,000.00	\$33,999.86	\$47,000.14
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$10,000.00	\$0.00	\$10,000.00
Total	\$1,370,000.00	\$1,194,011.53	\$175,988.47

**CLA10F10**

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

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

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

**CLA10H13**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$1,088.00	\$912.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,151,000.00	\$551,390.69	\$599,609.31
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$47,000.00	\$17,782.00	\$29,218.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,200,000.00	\$570,260.69	\$629,739.31



## Current Project Expense Summary

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

**CLA10I19**

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

**Interlocal Amount \$368,800.00**

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

**Expiration Date 06/30/2024**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$50,000.00	\$3,269.95	\$46,730.05
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$253,800.00	\$33,766.30	\$220,033.70
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$2,671.91	\$12,328.09
Entity Costs	\$50,000.00	\$2,367.00	\$47,633.00
Other	\$0.00	\$2,367.00	(\$2,367.00)
<b>Total</b>	<b>\$368,800.00</b>	<b>\$44,442.16</b>	<b>\$324,357.84</b>

**CLA15D12**

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

**Interlocal Amount \$6,322,000.00**

**Original Funding Date 06/14/2012**

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$22,000.00	\$15,037.29	\$6,962.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$5,446,000.00	\$5,056,777.48	\$389,222.52
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$220,000.00	\$100,047.24	\$119,952.76
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$634,000.00	\$550,857.73	\$83,142.27
<b>Total</b>	<b>\$6,322,000.00</b>	<b>\$5,722,719.74</b>	<b>\$599,280.26</b>

**CLA16O19**

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

**Interlocal Amount \$635,000.00**

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

**Expiration Date 06/30/2024**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$50,000.00	\$6,917.38	\$43,082.62
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$550,000.00	\$79,919.43	\$470,080.57
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$13,682.23	\$1,317.77
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$635,000.00</b>	<b>\$100,519.04</b>	<b>\$534,480.96</b>

## Current Project Expense Summary

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

**CLA21A00**

**Orchard Detention Basin**

**Interlocal Amount \$1,799,700.00**

**Original Funding Date 07/13/2000**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$448,000.00	\$382,123.56	\$65,876.44
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,073,000.00	\$951,037.20	\$121,962.80
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$251,900.00	\$177,502.62	\$74,397.38
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$26,800.00	\$20,081.83	\$6,718.17
<b>Total</b>	<b>\$1,799,700.00</b>	<b>\$1,530,745.21</b>	<b>\$268,954.79</b>

**CLA28D18**

**Vandenberg North DB, Collection & Outfall, Phase I**

**Interlocal Amount \$3,765,000.00**

**Original Funding Date 12/13/2018**

**Expiration Date 06/30/2023**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,391,000.00	\$2,451,520.00	\$939,480.00
Const Engineering	\$374,000.00	\$232,131.08	\$141,868.92
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,765,000.00</b>	<b>\$2,683,651.08</b>	<b>\$1,081,348.92</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	\$565,633.42	\$817,236.58
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,382,870.00</b>	<b>\$565,633.42</b>	<b>\$2,817,236.58</b>



## Current Project Expense Summary

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

**CLA38C20**

**Duck Creek Haven Street Storm Drain**

**Interlocal Amount \$354,000.00**

**Original Funding Date 03/12/2020**

**Expiration Date 06/30/2025**

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

**CLA38D20**

**Duck Creek Haven Street Storm Drain**

**Interlocal Amount \$5,116,417.00**

**Original Funding Date 04/09/2020**

**Expiration Date 06/30/2023**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,694,417.00	\$0.00	\$4,694,417.00
Const Engineering	\$380,000.00	\$0.00	\$380,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$42,000.00	\$0.00	\$42,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,116,417.00</b>	<b>\$0.00</b>	<b>\$5,116,417.00</b>

**CLA38E20**

**Duck Creek - Jones Boulevard Storm Drain**

**Interlocal Amount \$3,650,769.00**

**Original Funding Date 05/21/2020**

**Expiration Date 06/30/2025**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,328,864.00	\$0.00	\$3,328,864.00
Const Engineering	\$271,905.00	\$0.00	\$271,905.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$50,000.00	\$0.00	\$50,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,650,769.00</b>	<b>\$0.00</b>	<b>\$3,650,769.00</b>

## Current Project Expense Summary

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

**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	\$2,667.92	\$15,332.08
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$400,000.00	\$69,836.72	\$330,163.28
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
Total	\$453,000.00	\$72,504.64	\$380,495.36

**ENTITY: Clark County Outlying**

**BUN01D11**

**Windmill Wash Detention Basin Expansion**

**Interlocal Amount \$880,000.00**

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

**Expiration Date 06/30/2021**

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

**GSP01B10**

**Goodsprings - Phase I**

**Interlocal Amount \$83,400.00**

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

**Expiration Date 06/30/2020**

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



## Current Project Expense Summary

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

**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	\$371,323.36	\$20,176.64
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$125,500.00	\$116,876.27	\$8,623.73
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$528,500.00	\$492,125.92	\$36,374.08

**MOA01B89**

**Muddy River West Levee, Moapa Valley**

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

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

**Expiration Date 06/30/2021**

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

**MOA01F10**

**Muddy River Logandale Levee**

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

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

**Expiration Date 06/30/2020**

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

## 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	\$62,068.55	\$32,931.45
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$727,000.00	\$656,633.70	\$70,366.30
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$172,500.00	\$148,463.56	\$24,036.44
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$17,000.00	\$8,226.97	\$8,773.03
Total	\$1,011,500.00	\$875,392.78	\$136,107.22

**SEA02B19**

**Searchlight West - State Highway 164**

**Interlocal Amount \$500,000.00**

**Original Funding Date 10/10/2019**

**Expiration Date 06/30/2024**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$0.00	\$5,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$493,000.00	\$0.00	\$493,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$500,000.00	\$0.00	\$500,000.00

**SEA03B17**

**Searchlight-South, Encinitas St. Storm Drain**

**Interlocal Amount \$2,530,000.00**

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

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,330,000.00	\$1,894,126.71	\$435,873.29
Const Engineering	\$200,000.00	\$158,081.50	\$41,918.50
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$2,530,000.00	\$2,052,208.21	\$477,791.79



## Current Project Expense Summary

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

**ENTITY: COE/Clark County**

**COEG294**

**Tropicana & Flamingo Washes**

**Interlocal Amount \$36,259,348.00**

**Original Funding Date 01/12/1995**

**Expiration Date 06/30/2021**

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

**ENTITY: Henderson**

**HEN07F18**

**Whitney Ranch Channel Replacement Project**

**Interlocal Amount \$934,549.00**

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$54,164.00	\$44,991.60	\$9,172.40
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$674,750.00	\$225,268.40	\$449,481.60
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,164.00	\$92,497.41	\$33,666.59
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$79,471.00	\$0.00	\$79,471.00
<b>Total</b>	<b>\$934,549.00</b>	<b>\$362,757.41</b>	<b>\$571,791.59</b>

## Current Project Expense Summary

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

**HEN12K19**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$40,000.00	\$0.00	\$40,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$465,788.00	\$0.00	\$465,788.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$50,000.00	\$0.00	\$50,000.00
Entity Costs	\$50,000.00	\$6,002.61	\$43,997.39
Other	\$0.00	\$8,292.15	(\$8,292.15)
<b>Total</b>	<b>\$605,788.00</b>	<b>\$14,294.76</b>	<b>\$591,493.24</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	\$1,598,371.56	\$72,997.66
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$401,827.10	\$401,827.10	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$82,517.00	\$52,236.92	\$30,280.08
<b>Total</b>	<b>\$2,264,514.00</b>	<b>\$2,161,236.26</b>	<b>\$103,277.74</b>

**HEN16F17**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$24,500,000.00	\$23,262,525.72	\$1,237,474.28
Const Engineering	\$1,200,000.00	\$845,300.07	\$354,699.93
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$25,700,000.00</b>	<b>\$24,107,825.79</b>	<b>\$1,592,174.21</b>



## Current Project Expense Summary

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

**HEN25B19**

**Pittman Pabco - Boulder Highway Crossing**

**Interlocal Amount \$1,454,530.00**

**Original Funding Date 09/12/2019**

**Expiration Date 12/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,346,787.00	\$40,634.14	\$1,306,152.86
Const Engineering	\$107,743.00	\$3,076.63	\$104,666.37
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,454,530.00</b>	<b>\$43,710.77</b>	<b>\$1,410,819.23</b>

**HLD06B19**

**Chickasaw Storm Drain**

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

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

**Expiration Date 12/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,999,964.00	\$0.00	\$1,999,964.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<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 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$1,792.87	\$3,207.13
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,063,510.00	\$1,023,752.42	\$39,757.58
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<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

#### LAS16P15

Rancho Road System - Elkhorn, Grand Canyon to  
Hualapai

Interlocal Amount \$654,000.00

Original Funding Date 07/09/2015

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$650,000.00	\$626,451.69	\$23,548.31
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$654,000.00	\$626,451.69	\$27,548.31

#### LAS16Q18

Rancho Road System-Elkhorn, Grand Canyon to  
Hualapai

Interlocal Amount \$5,185,760.00

Original Funding Date 03/08/2018

Expiration Date 01/31/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,676,189.00	\$4,203,147.80	\$473,041.20
Const Engineering	\$509,571.00	\$468,749.70	\$40,821.30
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$5,185,760.00	\$4,671,897.50	\$513,862.50

#### LAS22S13

Brent Drainage System-Floyd Lamb Park to Durango  
Drive

Interlocal Amount \$533,365.00

Original Funding Date 07/11/2013

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$1,000.00	\$0.00	\$1,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$530,365.00	\$450,299.59	\$80,065.41
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$533,365.00	\$450,299.59	\$83,065.41



## Current Project Expense Summary

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

**LAS22T15**

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

**Interlocal Amount \$4,900,700.00**

**Original Funding Date 08/13/2015**

**Expiration Date 12/31/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,600,000.00	\$4,592,644.15	\$7,355.85
Const Engineering	\$300,700.00	\$220,205.04	\$80,494.96
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$4,900,700.00</b>	<b>\$4,812,849.19</b>	<b>\$87,850.81</b>

**LAS22U19**

**Brent Drainage System-Durango to OHare Ave**  
**Interlocal Amount \$1,100,000.00**

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

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,096,000.00	\$696.67	\$1,095,303.33
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,100,000.00</b>	<b>\$696.67</b>	<b>\$1,099,303.33</b>

**LAS23E13**

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

**Interlocal Amount \$1,070,687.00**

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

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$604.38	\$1,395.62
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,063,687.00	\$818,045.21	\$245,641.79
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
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>



## Current Project Expense Summary

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

**LAS23F14**

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

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

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

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$12,800,000.00	\$12,552,817.62	\$247,182.38
Const Engineering	\$1,100,000.00	\$57,065.13	\$1,042,934.87
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<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	\$1,048,786.02	\$204,684.98
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$4,000.00	\$0.00	\$4,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,261,471.00</b>	<b>\$1,048,786.02</b>	<b>\$212,684.98</b>

**LAS23H15**

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

**Interlocal Amount \$985,231.00**

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$981,231.00	\$567,853.85	\$413,377.15
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$985,231.00</b>	<b>\$567,853.85</b>	<b>\$417,377.15</b>

## Current Project Expense Summary

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

**LAS23I17**

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

**Interlocal Amount \$26,425,221.00**

**Original Funding Date 03/09/2017**

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$23,825,221.00	\$22,111,755.18	\$1,713,465.82
Const Engineering	\$2,400,000.00	\$1,874,725.83	\$525,274.17
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$200,000.00	\$0.00	\$200,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$26,425,221.00</b>	<b>\$23,986,481.01</b>	<b>\$2,438,739.99</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
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$704,000.00</b>	<b>\$423,742.73</b>	<b>\$280,257.27</b>

**LAS24J15**

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

**Interlocal Amount \$820,478.00**

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$781,478.00	\$778,155.21	\$3,322.79
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$35,000.00	\$24,120.22	\$10,879.78
Other	\$0.00	\$24,120.22	(\$24,120.22)
<b>Total</b>	<b>\$820,478.00</b>	<b>\$826,395.65</b>	<b>(\$5,917.65)</b>



## Current Project Expense Summary

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

**LAS24L17**

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

Original Funding Date 08/10/2017

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$757,670.00	\$280,599.42	\$477,070.58
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$100,000.00	\$0.00	\$100,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$861,670.00	\$280,599.42	\$581,070.58

**LAS24M17**

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

Original Funding Date 10/12/2017

Expiration Date 09/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$8,700,500.00	\$7,909,710.45	\$790,789.55
Const Engineering	\$930,100.00	\$929,610.20	\$489.80
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$9,630,600.00	\$8,839,320.65	\$791,279.35

**LAS25B13**

Cedar Avenue Channel Improvements  
Interlocal Amount \$831,489.00

Original Funding Date 07/11/2013

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$827,489.00	\$689,566.15	\$137,922.85
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$831,489.00	\$689,566.15	\$141,922.85

## Current Project Expense Summary

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

**LAS28C12**

**Las Vegas Wash - Sloan Channel to Cedar Avenue**

**Interlocal Amount \$110,000.00**

**Original Funding Date 06/14/2012**

**Expiration Date 06/30/2022**

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

**LAS29B15**

**Flamingo-Boulder HWY N-Boulder HWY Sahara to Charleston**

**Interlocal Amount \$1,726,003.00**

**Original Funding Date 12/10/2015**

**Expiration Date 12/31/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$34,000.00	\$0.00	\$34,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,673,003.00	\$1,505,947.60	\$167,055.40
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$19,000.00	\$0.00	\$19,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,726,003.00</b>	<b>\$1,505,947.60</b>	<b>\$220,055.40</b>

**LAS29C16**

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

**Interlocal Amount \$2,888,829.00**

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

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$0.00	\$5,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,818,829.00	\$2,231,697.08	\$587,131.92
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Entity Costs	\$60,000.00	\$0.00	\$60,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,888,829.00</b>	<b>\$2,231,697.08</b>	<b>\$657,131.92</b>



## Current Project Expense Summary

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

#### LAS29D17

Flamingo-Boulder Hwy North, Charleston, Main to Maryland

Interlocal Amount \$1,529,674.00

Original Funding Date 08/10/2017

Expiration Date 06/30/2023

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

#### LAS29E18

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

Interlocal Amount \$30,664,139.00

Original Funding Date 10/11/2018

Expiration Date 01/31/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$28,829,533.00	\$2,215,555.15	\$26,613,977.85
Const Engineering	\$1,834,606.00	\$140,923.71	\$1,693,682.29
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$30,664,139.00	\$2,356,478.86	\$28,307,660.14

#### LAS29F20

Flamingo-Boulder Hwy N Charleston-Maryland Pkwy System

Interlocal Amount \$41,028,829.00

Original Funding Date 05/21/2020

Expiration Date 01/31/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$37,989,656.00	\$0.00	\$37,989,656.00
Const Engineering	\$1,752,160.00	\$0.00	\$1,752,160.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$1,287,013.00	\$0.00	\$1,287,013.00
Other	\$0.00	\$0.00	\$0.00
Total	\$41,028,829.00	\$0.00	\$41,028,829.00

## Current Project Expense Summary

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

**LAS30A13**

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

**Interlocal Amount \$711,938.00**

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

**Expiration Date 06/30/2022**

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	\$281,204.00	\$425,734.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$711,938.00</b>	<b>\$281,204.00</b>	<b>\$430,734.00</b>

**LAS31A17**

**LVW-Moccasin, Skye Canyon Park to Upper LVW**  
**Interlocal Amount \$120,000.00**

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

**Expiration Date 06/30/2023**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$60,000.00	\$57,661.03	\$2,338.97
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$60,000.00	\$0.00	\$60,000.00
Other	\$0.00	\$3,477.17	(\$3,477.17)
<b>Total</b>	<b>\$120,000.00</b>	<b>\$61,138.20</b>	<b>\$58,861.80</b>

**LAS31B18**

**LVW - Moccasin, Skye Canyon Park to Upper LVW**  
**Interlocal Amount \$15,393,582.00**

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

**Expiration Date 01/31/2021**

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



## Current Project Expense Summary

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

**LLD10B13**

**Buckskin Avenue Storm Drain**  
**Interlocal Amount \$1,200,000.00**

**Original Funding Date 07/11/2013**  
**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,200,000.00	\$1,044,493.77	\$155,506.23
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,200,000.00</b>	<b>\$1,044,493.77</b>	<b>\$155,506.23</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
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,201,965.00</b>	<b>\$0.00</b>	<b>\$1,201,965.00</b>

**ENTITY: Mesquite**

**MES01E17**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$422,988.00	\$369,200.00	\$53,788.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$116,594.75	\$68,868.75	\$47,726.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$539,582.75</b>	<b>\$438,068.75</b>	<b>\$101,514.00</b>



## Current Project Expense Summary

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

**MES04A15**

**Virgin River Flood Wall**

**Interlocal Amount \$1,433,903.00**

**Original Funding Date 11/12/2015**

**Expiration Date 07/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$18,680.00	\$0.00	\$18,680.00
Pre-Design	\$208,278.00	\$207,278.00	\$1,000.00
Design	\$886,060.00	\$239,404.39	\$646,655.61
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$157,630.00	\$0.00	\$157,630.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$163,255.00	\$0.00	\$163,255.00
<b>Total</b>	<b>\$1,433,903.00</b>	<b>\$446,682.39</b>	<b>\$987,220.61</b>

**ENTITY: North Las Vegas**

**NLV03E13**

**Hollywood System, Dunes South DB to Centennial  
Parkway**

**Interlocal Amount \$2,706,972.00**

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

**Expiration Date 12/31/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$656,972.00	\$58,432.79	\$598,539.21
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,040,000.00	\$1,863,595.75	\$176,404.25
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,706,972.00</b>	<b>\$1,922,028.54</b>	<b>\$784,943.46</b>

## Current Project Expense Summary

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

NLV03F17

Range Wash - Ann Branch

Interlocal Amount \$1,081,889.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$250,000.00	\$18,117.60	\$231,882.40
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$821,889.00	\$572,790.10	\$249,098.90
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,081,889.00	\$590,907.70	\$490,981.30

NLV03G17

Hollywood System, Centennial Pkwy-Speedway #2 DB

Interlocal Amount \$1,586,850.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$507,125.00	\$30,425.29	\$476,699.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,069,725.00	\$898,356.38	\$171,368.62
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,586,850.00	\$928,781.67	\$658,068.33

NLV03H17

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

Interlocal Amount \$13,109,000.00

Original Funding Date 11/09/2017

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$12,290,000.00	\$10,930,589.24	\$1,359,410.76
Const Engineering	\$819,000.00	\$258,924.35	\$560,075.65
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$13,109,000.00	\$11,189,513.59	\$1,919,486.41



## Current Project Expense Summary

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

NLV03I18

Range Wash - Ann Branch, Phase I

Interlocal Amount \$2,668,000.00

Original Funding Date 02/08/2018

Expiration Date 12/31/2020

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

NLV04K17

Gowan Outfall, Alexander Rd - Decatur to Simmons Street

Interlocal Amount \$1,931,156.00

Original Funding Date 02/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,921,156.00	\$1,136,921.86	\$784,234.14
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,931,156.00	\$1,136,921.86	\$794,234.14

NLV09E11

Vandenberg North Detention Basin & Outfall

Interlocal Amount \$1,534,770.00

Original Funding Date 04/14/2011

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$64,673.77	\$52,377.24	\$12,296.53
Pre-Design	\$123,326.23	\$123,326.23	\$0.00
Design	\$1,220,000.00	\$1,088,215.91	\$131,784.09
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,770.00	\$121,770.00	\$5,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$1,534,770.00	\$1,385,689.38	\$149,080.62



## Current Project Expense Summary

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

NLV09I13

Beltway Detention Basin and Channel

Interlocal Amount \$1,464,000.00

Original Funding Date 10/10/2013

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$400,000.00	\$364,829.78	\$35,170.22
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$989,000.00	\$988,831.45	\$168.55
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$1,185.69	\$8,814.31
Entity Costs	\$65,000.00	\$10,982.45	\$54,017.55
Other	\$0.00	\$0.00	\$0.00
Total	\$1,464,000.00	\$1,365,829.37	\$98,170.63

NLV10L19

Las Vegas Wash Cartier Channel

Interlocal Amount \$698,289.00

Original Funding Date 10/10/2019

Expiration Date 06/30/2025

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

NLV17C16

Fifth Street Collector, Centennial Pkwy to Deer Springs Way

Interlocal Amount \$726,079.00

Original Funding Date 11/10/2016

Expiration Date 06/30/2021

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

## Current Project Expense Summary

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

NLV17D18

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

Original Funding Date 09/13/2018  
Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,950,000.00	\$4,555,686.30	\$394,313.70
Const Engineering	\$466,000.00	\$160,039.90	\$305,960.10
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$5,416,000.00	\$4,715,726.20	\$700,273.80

NLV19A19

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$100,000.00	\$0.00	\$100,000.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$100,000.00	\$0.00	\$100,000.00

### Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,277,894.63	\$39,855,300.83	\$4,422,593.80
Pre-Design	\$431,604.23	\$330,604.23	\$101,000.00
Design	\$50,757,110.57	\$36,339,491.07	\$14,417,619.50
Construction	\$201,710,621.00	\$102,329,526.47	\$99,381,094.53
Const Engineering	\$14,145,842.00	\$5,834,526.26	\$8,311,315.74
Environmental	\$2,805,290.36	\$2,009,078.69	\$796,211.67
Entity Costs	\$2,324,013.00	\$43,472.28	\$2,280,540.72
Other	\$10,766,904.96	\$10,304,509.44	\$462,395.52
Total	\$327,219,280.75	\$197,046,509.27	\$130,172,771.48
Construction Projects = 21      Design / Other Projects = 53			



## Current Project Expense Summary

### BOND FUNDED PROJECTS

**ENTITY: Boulder City**

**BOU01E19**

**Hemenway System, Phase IIB Improvements**

**Interlocal Amount \$4,669,036.00**

**Original Funding Date 11/14/2019**

**Expiration Date 12/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,284,036.00	\$0.00	\$4,284,036.00
Const Engineering	\$385,000.00	\$0.00	\$385,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$4,669,036.00</b>	<b>\$0.00</b>	<b>\$4,669,036.00</b>

**ENTITY: Clark County**

**CLA15E13**

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

**Interlocal Amount \$84,184,000.00**

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

**Expiration Date 06/30/2023**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$73,952,000.00	\$71,935,126.87	\$2,016,873.13
Const Engineering	\$7,432,000.00	\$6,840,205.20	\$591,794.80
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$2,800,000.00	\$1,169,257.81	\$1,630,742.19
<b>Total</b>	<b>\$84,184,000.00</b>	<b>\$79,944,589.88</b>	<b>\$4,239,410.12</b>



## Current Project Expense Summary

### BOND FUNDED PROJECTS

**CLA38B20**

**Silverado Ranch DB, Collection & Outfall**

**Interlocal Amount \$26,000,000.00**

**Original Funding Date 03/12/2020**

**Expiration Date 06/30/2023**

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

### ENTITY: Clark County Outlying

**LAU04B17**

**SR 163 at Casino Drive**

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

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

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,065,000.00	\$1,690,755.94	\$374,244.06
Const Engineering	\$185,000.00	\$34,020.98	\$150,979.02
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,250,000.00</b>	<b>\$1,724,776.92</b>	<b>\$525,223.08</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**ENTITY: Las Vegas**

**LAS14D14**

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

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

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

**Expiration Date 06/30/2020**

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

**ENTITY: North Las Vegas**

**NLV03J19**

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

**Interlocal Amount \$19,921,851.00**

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

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$18,500,000.00	\$836,438.46	\$17,663,561.54
Const Engineering	\$1,321,851.00	\$262,483.99	\$1,059,367.01
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$100,000.00	\$0.00	\$100,000.00
Other	\$0.00	\$0.00	\$0.00
Total	\$19,921,851.00	\$1,098,922.45	\$18,822,928.55

## Current Project Expense Summary

### BOND FUNDED PROJECTS

NLV03K19

Range Wash - Ann Branch, Phase II

Interlocal Amount \$7,697,245.00

Original Funding Date 09/12/2019

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$7,118,510.00	\$0.00	\$7,118,510.00
Const Engineering	\$578,735.00	\$1,476.67	\$577,258.33
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$7,697,245.00	\$1,476.67	\$7,695,768.33

NLV09J19

Beltway Detention Basin, Collection and Outfall

Interlocal Amount \$16,192,926.00

Original Funding Date 05/23/2019

Expiration Date 06/30/2023

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$15,132,926.00	\$0.00	\$15,132,926.00
Const Engineering	\$1,060,000.00	\$0.00	\$1,060,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$16,192,926.00	\$0.00	\$16,192,926.00



## Current Project Expense Summary

### BOND FUNDED PROJECTS

NLV09K19

Vandenberg North DB, Collection & Outfall, Phase II

Interlocal Amount \$30,499,000.00

Original Funding Date 08/08/2019

Expiration Date 06/20/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$28,504,000.00	\$0.00	\$28,504,000.00
Const Engineering	\$1,995,000.00	\$1,351.72	\$1,993,648.28
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
Total	\$30,499,000.00	\$1,351.72	\$30,497,648.28

### Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$183,177,560.00	\$83,864,014.57	\$99,313,545.43
Const Engineering	\$16,391,841.00	\$8,060,789.27	\$8,331,051.73
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$600,000.00	\$0.00	\$600,000.00
Other	\$2,800,000.00	\$1,169,257.81	\$1,630,742.19
Total	\$202,969,401.00	\$93,094,061.65	\$109,875,339.35
Construction Projects = 9      Design / Other Projects = 0			

## Capital Improvement Program - Open Projects Summary

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,277,894.63	\$39,855,300.83	\$4,422,593.80
Pre-Design	\$431,604.23	\$330,604.23	\$101,000.00
Design	\$50,757,110.57	\$36,339,491.07	\$14,417,619.50
Construction	\$384,888,181.00	\$186,193,541.04	\$198,694,639.96
Const Engineering	\$30,537,683.00	\$13,895,315.53	\$16,642,367.47
Environmental	\$2,805,290.36	\$2,009,078.69	\$796,211.67
Entity Costs	\$2,924,013.00	\$43,472.28	\$2,880,540.72
Other	\$13,566,904.96	\$11,473,767.25	\$2,093,137.71
Total	\$530,188,681.75	\$290,140,570.92	\$240,048,110.83
Construction Projects = 30      Design / Other Projects = 53			

### Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,277,894.63	\$39,855,300.83	\$4,422,593.80
Pre-Design	\$431,604.23	\$330,604.23	\$101,000.00
Design	\$50,757,110.57	\$36,339,491.07	\$14,417,619.50
Construction	\$201,710,621.00	\$102,329,526.47	\$99,381,094.53
Const Engineering	\$14,145,842.00	\$5,834,526.26	\$8,311,315.74
Environmental	\$2,805,290.36	\$2,009,078.69	\$796,211.67
Entity Costs	\$2,324,013.00	\$43,472.28	\$2,280,540.72
Other	\$10,766,904.96	\$10,304,509.44	\$462,395.52
Total	\$327,219,280.75	\$197,046,509.27	\$130,172,771.48
Construction Projects = 21      Design / Other Projects = 53			

### Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$183,177,560.00	\$83,864,014.57	\$99,313,545.43
Const Engineering	\$16,391,841.00	\$8,060,789.27	\$8,331,051.73
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$600,000.00	\$0.00	\$600,000.00
Other	\$2,800,000.00	\$1,169,257.81	\$1,630,742.19
Total	\$202,969,401.00	\$93,094,061.65	\$109,875,339.35
Construction Projects = 9      Design / Other Projects = 0			



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

**Boulder City**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$4,649,000.00
BOU01B88	Hemenway Wash Debris Basin	Closed	\$0.00
BOU01C10	Hemenway System, Phase II Improvements	Open	\$745,000.00
BOU01D17	Hemenway System, Phase IIA Improvements	Open	\$2,495,000.00
BOU02A88	Georgia Avenue Channel	Closed	\$613,590.23
BOU03A88	Buchanan Blvd. Channel	Closed	\$412,719.91
BOU03B98	Buchanan Watershed Facilities	Closed	\$420,240.41
BOU03C10	Buchanan Blvd., Phase III Improvements	Closed	\$344,263.01
BOU03D11	Buchanan Blvd., Phase III Improvements	Closed	\$0.00
BOU03E12	Buchanan Blvd., Phase III Improvements	Closed	\$4,689,402.24
BOU04A96	West Airport Watershed	Closed	\$128,138.69
BOU04B97	West Airport Watershed Construction	Closed	\$1,839,686.60
BOU04C01	Hemenway Wash	Closed	\$101,580.75
BOU05A98	North Railroad Watershed (Industrial Road Facility)	Closed	\$448,873.75
BOU05B00	North Railroad Watershed, Veteran Memorial Dr Culvert	Closed	\$129,206.79
BOU05G07	Yucca Street Drainage	Closed	\$71,036.09
BOU05H07	Bootleg Canyon Detention Basin Outfall	Closed	\$521,408.23
BOU05J10	North Railroad Conveyance	Closed	\$509,462.22
BOU05K11	Bootleg Canyon Detention Basin, Phase II	Closed	\$829,854.43
BOU05L11	North Railroad Conveyance	Closed	\$3,503,502.20
BOU05M18	North Railroad Conveyance, Phase II	Closed	\$2,370,058.67
BOU06A99	Ville Drive Flood Control Facilities	Closed	\$144,261.08
BOU06B01	Ville Drive Flood Control Facilities	Closed	\$747,314.67
			<b>\$25,713,599.97</b>

**Clark County**

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

5/18/2020 - payas443



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

<b><u>PROJECT</u></b>	<b><u>NAME</u></b>	<b><u>STATUS</u></b>	<b><u>TOTAL</u></b>
CLA04E99	Flamingo Wash, McLeod Dr to Maryland PKWY	Open	\$2,980,000.00
CLA04F99	Flamingo Wash, I-515 to McLeod Dr	Closed	\$1,252,537.43
CLA04G00	Flamingo Wash at Boulder Highway	Closed	\$860,102.20
CLA04H00	Flamingo Wash, Boulder Highway to Mojave Rd	Closed	\$6,284,809.40
CLA04I01	Flamingo Wash, Spencer Street Bridge & Approach Channel	Closed	\$2,436,743.83
CLA04M06	Flamingo - Boulder HWY N, Sahara Ave to Flamingo Wash	Closed	\$1,027,029.82
CLA04Q08	Flamingo Wash, Nellis Blvd to I-515	Closed	\$995,990.90
CLA04R08	Flamingo Wash, Desert Inn to Eastern Avenue	Closed	\$7,869,248.66
CLA04U10	Flamingo-Boulder Highway North, Sahara Ave to Flamingo Wash	Closed	\$10,933,404.28
CLA04V10	Flamingo Wash, Nellis Boulevard to I-515	Closed	\$11,132,175.16
CLA04Y19	Flamingo Wash, Maryland Pkwy to Palos Verdes Street	Open	\$535,000.00
CLA05A91	Duck Creek Bridges @ Tomiyasu & La Casita	Closed	\$814,243.47
CLA06A91	Range Wash Confluence Detention Basin Facilities	Closed	\$479,952.25
CLA07A92	Sloan Channel (Las Vegas Wash to Owens)	Closed	\$4,820,788.11
CLA07B01	Sloan Channel, Las Vegas Wash to Charleston	Closed	\$340,747.81
CLA08A92	Lower Duck Creek Detention Basin Predesign	Closed	\$807,918.53
CLA08B93	Lower Duck Creek DB ROW	Closed	\$5,921,794.42
CLA08C98	Lower Duck Creek Detention Basin & Outfall Channel	Closed	(\$11,828.26)
CLA08D01	Duck Creek, Lower Detention Basin to I-15	Closed	\$9,691,844.67
CLA08F03	Duck Creek, Lower Detention Basin to Silverado Ranch Blvd	Closed	\$3,717,281.04
CLA08H05	Duck Creek, Railroad Detention Basin	Closed	\$673,683.44
CLA08K07	Duck Creek Channel, Silverado Ranch Blvd to Las Vegas Blvd	Closed	\$8,698,135.53
CLA08M08	Duck Creek, Railroad Detention Basin	Closed	\$13,302,732.94
CLA08Q13	Duck Creek at Dean Martin	Closed	\$413,865.28
CLA08R13	Duck Creek, Las Vegas Boulevard	Open	\$485,000.00
CLA08S13	Silverado Ranch Detention Basin and Outfall Facilities	Open	\$1,370,000.00
CLA08W16	Duck Creek at Dean Martin	Closed	\$3,058,969.76
CLA09A97	Durango Collector (Hacienda to Twain)	Closed	\$366,253.18
CLA09B99	Durango Collector (Twain to Hacienda)	Closed	\$100,005.00
CLA09C06	Durango Collector (Twain to Hacienda)	Closed	\$1,126.53
CLA10A97	Tropicana Wash (Paradise Road to Koval Lane)	Closed	\$228,665.56
CLA10D07	Tropicana Wash at Swenson Street	Closed	\$1,253,646.20
CLA10F10	Flamingo Wash, Industrial Road to Hotel Rio Drive	Open	\$46,000.00
CLA10G12	Tropicana Wash at Swenson Street	Closed	\$7,079,781.70
CLA10H13	Airport Channel - Naples	Open	\$1,200,000.00
CLA10I19	Wagon Trail Chnl, Sunset Rd to Teco Avenue	Open	\$368,800.00
CLA12A97	Desert Inn Detention Basin & Collection System	Closed	\$346,843.68
CLA12B98	Desert Inn Detention Basin & Collection System/DI Lateral	Closed	\$43,197.00

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

<b>PROJECT</b>	<b>NAME</b>	<b>STATUS</b>	<b>TOTAL</b>
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	\$689.01
CLA13A97	Lakes Detention Basin, Collection System, & Outfall	Closed	\$531,803.87
CLA13B98	Lakes Detention Basin Collection System & Outfall	Closed	\$788,631.74
CLA13C98	Lakes DB Collection System	Closed	\$783,619.03
CLA14A97	Duck Creek (Hollywood to Stephanie Street)	Closed	\$138,962.97
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephaine St)--ROWA	Closed	\$375,552.00
CLA14C99	Duck Creek, Sunset Road to Eastern Ave	Closed	\$560,650.99
CLA14D99	Duck Creek, Hollywood Blvd to Stephanie Street	Closed	\$1,651,449.79
CLA14E99	Duck Creek, Stephanie St to Green Valley PKWY	Closed	\$321,054.87
CLA14F00	Duck Creek, Emerald Avenue to Stephanie St	Closed	\$5,987,176.80
CLA14G00	Duck Creek at Robindale Road	Closed	\$1,066,974.02
CLA14H00	Duck Creek, Tomiyasu Lane to Topaz St	Closed	\$3,548,160.77
CLA14I02	Duck Creek, US 95 Branch	Closed	\$1,107,637.45
CLA14L02	Duck Creek, Phase II and Lower Pittman	Closed	\$13,651,024.74
CLA14R04	Duck Creek, Mountain Vista Street to Green Valley PKWY	Closed	\$707,824.31
CLA14S07	Duck Creek, Eldorado Lane to Spencer Street	Closed	\$6,139,169.42
CLA14U09	Duck Creek, Robindale to I-215	Closed	\$23,516.83
CLA14V10	Duck Creek, Mtn. Vista to Green Valley Parkway	Closed	\$8,976,052.51
CLA15B99	Colorado Avenue Storm Drain System	Closed	(\$41,517.92)
CLA15C09	Las Vegas Wash, Sloan Lane to Stewart Ave	Closed	\$193,555.23
CLA15D12	LVW Sloan-Bonanza, Flam W below Nellis	Open	\$6,322,000.00
CLA16A98	Upr Duck Ck, Ctrl Duck Ck, Lwr Blue Diamond & Bird Sp/ROW	Closed	\$2,226,784.41
CLA16B00	Upr Duck, Ctrl Duck, Lower Blue Dia, & Bird Springs DB	Closed	\$1,363,624.69
CLA16F04	Lower Blue Diamond Detention Basin Collector Channel	Closed	\$8,060,995.11
CLA16G05	Blue Diamond Wash Wigwam, UPRR to Jones Boulevard	Closed	\$535,000.00
CLA16H06	Blue Dia Wash S Rainbow, Pebble - Raven & Wigwam - Ford	Closed	\$2,444,155.20
CLA16I07	Lower Blue Diamond Detention Basin Outfall	Closed	\$1,694,368.59
CLA16J07	Blue Diamond Wash Wigwam, Jones Blvd to Rainbow	Closed	\$357,603.89
CLA16K07	Upper Duck Creek Detention Basin	Closed	\$3,000,000.00
CLA16O19	Blue Diamond Wash, Arville Street to I-15	Open	\$635,000.00
CLA17E04	Blue Diamond Channel, Rainbow Branch	Closed	\$1,495,409.16
CLA19A99	Red Rock Channel, Naples Branch	Closed	\$1,333,173.93
CLA19C02	Red Rock Channel, Naples Branch - Flamingo Connector	Closed	\$674,561.31
CLA20A99	Washington Collection System	Closed	\$69,701.68
CLA20B00	Washington Collection System	Closed	\$680,964.62
CLA21A00	Orchard Detention Basin	Open	\$1,799,700.00
CLA21B12	Orchard Detention Basin	Closed	\$4,929,886.35
CLA22A00	Flamingo Diversion - Jones Branch	Closed	\$100,001.71



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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA22B03	Flamingo Diversion - Jones Branch	Closed	\$1,100,000.00
CLA26C08	Flam Div - South Buffalo Branch, Flamingo Wash to Patrick Lane	Closed	\$776,336.79
CLA27C08	Flamingo Diversion - Rainbow Branch	Closed	\$980,601.33
CLA28D18	Vandenberg North DB, Collection & Outfall, Phase I	Open	\$3,765,000.00
CLA35A11	Tropicana Avenue Conveyance, LVW to Mtn. Vista	Closed	\$249,789.19
CLA36A18	Jim McGaughey DB, Collection Basin and Outfall	Open	\$3,382,870.00
CLA38C20	Duck Creek Haven Street Storm Drain	Open	\$354,000.00
CLA38D20	Duck Creek Haven Street Storm Drain	Open	\$5,116,417.00
CLA38E20	Duck Creek - Jones Boulevard Storm Drain	Open	\$3,650,769.00
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
			<b>\$250,346,706.08</b>

**Clark County Outlying**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BUN01A90	Bunkerville Channel (aka Windmill Channel)	Closed	\$817,795.45
BUN01B98	Bunkerville Flood Control Improvements	Closed	\$5,734,536.80
BUN01C05	Windmill Wash Outfall	Closed	\$2,839,135.00
BUN01D11	Windmill Wash Detention Basin Expansion	Open	\$880,000.00
GSP01A88	Goodsprings Flood Control Improvements	Closed	\$72,275.84
GSP01B10	Goodsprings - Phase I	Open	\$83,400.00
IND01A98	Indian Springs Flood Control Improvements	Closed	\$579,193.24
LAU01A89	Unnamed Wash, Laughlin	Closed	\$349,995.99
LAU02A89	Hiko Springs, Laughlin	Closed	\$369,974.40
LAU02B92	Hiko Springs, Laughlin, Remap	Closed	\$8,000.00
LAU03A96	Hiko Springs Outfall Channel	Closed	\$7,771,291.25
LAU04A08	SR 163 at Casino Drive	Open	\$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



**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>
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	Closed	\$8,209,488.28
MOA02A89	Logan Wash (aka Benson), Moapa Valley	Closed	\$235,040.74
MOA02B92	Logan Wash Construction	Closed	\$3,510,528.60
MOA03A11	Fairgrounds Detention Basin	Open	\$1,011,500.00
NEL01A88	Nelson Flood Control Improvements	Closed	\$2,961.95
SEA01A88	Searchlight Flood Control Improvements	Closed	\$861,099.97
SEA01B99	Searchlight Flood Control Improvements	Closed	\$5,500.00
SEA02A07	Searchlight - West, US-95	Closed	\$162,000.00
SEA02B19	Searchlight West - State Highway 164	Open	\$500,000.00
SEA03A09	Searchlight - South, Encinitas St Storm Drain	Closed	\$31,272.42
SEA03B17	Searchlight-South, Encinitas St. Storm Drain	Open	\$2,530,000.00
			<b>\$75,357,630.64</b>

**COE/Clark County**

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

**Henderson**

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

**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>
HEN06C02	Equestrian Detention Basin Outfall	Closed	\$681,288.27
HEN06D05	C-1 Equestrian Tributary	Closed	\$227,591.57
HEN06F08	C-1 Equestrian Tributary	Closed	\$2,711,795.15
HEN06G08	Equestrian Detention Basin Outfall - Heritage Channel	Closed	\$4,200,444.03
HEN06H09	Equestrian Detention Basin Expansion	Closed	\$335,247.64
HEN06IO9	Equestrian Tributary Phase II	Closed	\$405,636.14
HEN07A96	Pittman Park Detention Basin	Closed	\$1,546,249.59
HEN07B09	Pittman Wash, UPRR to Santiago	Closed	\$843,016.21
HEN07D09	Whitney Wash Channel	Closed	\$130,264.67
HEN07E11	Pittman Wash, UPRR to Santiago	Closed	\$8,796,470.83
HEN07F18	Whitney Ranch Channel Replacement Project	Open	\$934,549.00
HEN08A96	Railroad East Detention Basin	Closed	\$6,416,341.47
HEN08B08	Pittman Railroad East Conveyance	Closed	\$444,380.89
HEN08C08	Pittman Railroad East Conveyance	Closed	\$8,518,517.91
HEN09A99	Pittman East Detention Basin (collapse with HEN09A97)	Closed	\$119,918.19
HEN09B00	Pittman Eastern Detention Basin	Closed	\$6,099,436.41
HEN09D09	Pittman Seven Hills Park Channel	Closed	\$0.00
HEN10B99	South Pittman Detention Basin	Closed	\$3,202,101.72
HEN12A99	Gibson Channel at Sunset Road	Closed	\$40,125.00
HEN12B01	Gibson Channel Culvert at Sunset Road	Closed	\$364,211.76
HEN12C02	Gibson Conveyance System	Closed	\$237,718.78
HEN12F05	Pittman Gibson, Warm Springs Road to Kelso 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
HEN12K19	Pittman - Sunset, Galleria to Foster	Open	\$605,788.00
HEN13A00	Boulder Highway Channel	Closed	\$360,070.00
HEN14A00	Pittman Pecos West Conveyance & Eastern Ave Tributary	Closed	\$2,355,800.39
HEN14B06	Pittman Pecos West Conveyance & Eastern Ave Tributary	Closed	\$6,787,948.72
HEN15A00	Pittman Wash Railroad Channel	Closed	\$568,801.51
HEN16A01	Pittman North Detention Basin & Outfall	Open	\$2,264,514.00
HEN16D15	Pittman North Detention Basin and Outfall, Phase I	Closed	\$3,458,916.31
HEN16E15	Pittman North DB & Outfall, Phase II - Starr Avenue	Closed	\$1,865,136.31
HEN16F17	Pittman North Detention Basin & Outfall, Phase III	Open	\$25,700,000.00
HEN19B06	Northeast Detention Basin Outfall	Closed	\$337,852.88
HEN19C07	Northeast Detention Basin, Levee and Outfall	Closed	\$13,366,601.89
HEN21A05	Pittman Railroad, MacDonald Ranch Channel	Closed	\$253,025.49
HEN21B08	Pittman Railroad, MacDonald Ranch Channel	Closed	\$2,025,749.22
HEN22A09	Anthem Pkwy Channel, Horizon Ridge to Sienna Heights	Closed	\$94,222.77
HEN23A09	Center Street Storm Drain	Closed	\$564,095.75
HEN24A11	Duck Creek, Sunset to Sandhill	Closed	\$535,983.84
HEN24B13	Duck Creek, Sunset to Sandhill	Closed	\$3,475,829.83
HEN25B19	Pittman Pabco - Boulder Highway Crossing	Open	\$1,454,530.00



**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>
HLD06B19	Chickasaw Storm Drain	Open	\$1,999,964.00
HLD15A06	Blackridge Road Storm Drain System	Closed	\$529,071.04
			<b>\$151,450,183.50</b>

**Las Vegas**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS01A87	Angel Park Detention Basin Outflow Structure	Closed	\$397,978.73
LAS01B95	Angel Park Detention Basin Expansion	Closed	\$1,356,534.40
LAS01D09	Angel Park North - Detention Basin	Closed	\$597,382.00
LAS02A87	Buffalo Channel	Closed	\$4,167,183.73
LAS02B91	Buffalo Channel/Summerlin PKWY - Vegas Drive	Closed	\$126,491.20
LAS02C91	Buffalo Channel/Westcliff-Summerlin Pkwy	Closed	\$471,594.88
LAS02D92	Buffalo Channel/Doe Av.-Westcliff Dr	Closed	\$84,175.72
LAS02F93	Buffalo Channel / Doe-Westcliff	Closed	\$1,685,430.55
LAS03A89	Gowan Rd Detention System	Closed	\$195,685.16
LAS03B89	Gowan Detention Basin & Outfall	Closed	\$4,813,519.80
LAS03D98	Gowan South Detention Basin Expansion	Closed	\$126,398.42
LAS03E00	Gowan South DB Expansion	Closed	\$2,609,639.23
LAS04A87	Oakey Boulevard System	Closed	\$111,106.72
LAS04B90	Oakey Bl System	Closed	\$631,418.63
LAS04C91	Oakey Bl System/Decatur Bl Crossing	Closed	\$35,000.00
LAS04E94	Oakey Conveyance Phase II	Closed	\$1,083,848.86
LAS05A87	Meadows Detention Basin	Closed	\$120,000.00
LAS05B87	Meadows Detention Basin	Closed	\$3,432,123.00
LAS05C00	Meadows Detention Basin Expansion (Resol 00-2)	Closed	\$150,000.00
LAS05D01	Meadows Detention Basin Expansion (Resol 01-3)	Closed	\$3,422,258.00
LAS05H08	Alta Parallel System	Closed	\$8,165,350.58
LAS05I08	Oakey-Meadows Storm Drain, Phase I	Closed	\$12,686,286.59
LAS05J10	Oakey Meadows Storm Drain-Phase II	Closed	\$9,822,984.14
LAS06A87	Major Conveyance System West of I-15	Closed	\$229,005.59
LAS06B87	Major Conveyance System East of I-15	Closed	\$29,022.50
LAS06C93	Freeway Channel/Sahara - Ivanhoe	Closed	\$670,067.29
LAS07A89	Durango Storm Drain	Closed	\$596,059.22
LAS08A89	Carey Ave./Lake Mead Detention & Conveyance System	Closed	\$6,148,651.98
LAS09A89	Washington Ave. System	Closed	\$313,726.91
LAS09B91	Washington Ave. System/Sandhill-Bruce	Closed	\$497,000.00
LAS09D92	Washington Ave./Sandhill-Virgil	Closed	\$1,594,925.69
LAS09F93	Washington/Sagman-LV Creek Right-of-Way	Closed	\$245,428.78
LAS09G94	Washington Ave. / Lena-Eastern (LOMR)	Closed	\$4,643,824.92
LAS09H94	Upper Washington Channel & Freeway Channel	Closed	\$1,206,684.74
LAS09I96	Washington/Eastern-Sagman	Closed	\$3,078,027.28
LAS09J97	Freeway Channel System - Alta Drive to UPRR	Closed	\$13,839,202.95
LAS09K97	Upper Washington Avenue - Sagman to Bonanza	Closed	\$4,421,963.25
LAS09L98	Freeway Channel - Alta Dr to Sahara Avenue	Closed	\$2,778,531.48
LAS09M98	Freeway Channel North/ Washington Avenue - Vegas Drive	Closed	\$257,916.45

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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>
LAS09O99	Freeway Channel - Alta Dr to Sahara Ave & Bypass Facility	Closed	(\$5,613.65)
LAS09P00	Freeway Channel - Alta to Sahara & Bypass Facilities (CM)	Closed	\$2,280,263.22
LAS09R01	Las Vegas Creek Channel - Parallel System at Decatur Blvd (Resol 01-4)	Closed	\$247,000.00
LAS09U05	Las Vegas Creek Channel - Parallel System	Closed	\$5,628,281.00
LAS09V05	Oakey Drain, Birch Street to Cahlan Drive	Closed	\$851,548.86
LAS09W08	Oakey Drain, Birch Street to Cahlan Drive	Closed	\$6,500,607.90
LAS09Y09	Oakey Drain - Cahlan Dr to Barnard Dr	Closed	\$370,483.19
LAS10A91	Gowan North Channel	Closed	\$110,000.00
LAS10B93	CAM-10 & Lone Mtn. Detention Basins Predesign	Closed	\$212,800.00
LAS10C94	Lone Mtn. Detention Basin	Closed	\$905,972.72
LAS10D95	Gowan North Channel - Gowan North Detention Basin	Closed	\$904,292.71
LAS10E97	Gowan North Channel - Gowan Detention Basin to Buffalo	Closed	\$3,150,210.59
LAS10F97	Gowan Outfall Lone Mtn Branch - Ferrell St to Kenny Way	Closed	\$111,327.87
LAS10H98	Gowan North Buffalo Branch (Chnl) - Atwood to Lone Mtn Rd	Closed	\$285,859.78
LAS10J98	Gowan North Chnl-Alexander Dr to Lone Mtn Rd & LM Outfall	Closed	\$651,405.16
LAS10K99	CAM 10 Detention Basin (aka Ann Road DB)	Closed	\$682,577.04
LAS10L99	Gowan North-Buffalo Branch	Closed	\$162,106.81
LAS10M00	Gowan North - Buffalo Branch (Gowan Road & Buckskin Ave)	Closed	\$608,179.39
LAS10N00	Gowan Outfall, Lone Mountain Branch (Allen Lane-Ferrell)	Closed	\$1,545,053.54
LAS10P00	Gowan/Lone Mountain System - Gilmore Channel (CM)	Closed	\$8,492.19
LAS10Q01	Gowan/Lone Mountain System - Gilmore Channel (Developer Participation)	Closed	\$1,383,723.00
LAS10R00	Gowan North - Buffalo Branch (Cheyenne Avenue to Lone Mtn Road)	Closed	\$2,462,085.23
LAS10Y05	Gowan Lone Mountain System - Cliff Shadows Park	Closed	\$1,549,850.67
LAS11A92	Rampart Storm Drain (Angel Park-Peccole 1)	Closed	\$44,809.03
LAS11B93	Rampart Storm Drain Construction	Closed	\$185,842.34
LAS12A92	Alta Storm Drain (Meadows V)	Closed	\$851,465.76
LAS13A92	Cheyenne Channel / Buffalo - Gowan Design	Closed	\$86,475.85
LAS13B94	Cheyenne Channel Crossings Developer Participation	Closed	\$709,000.00
LAS13C93	Cheyenne Channel / Buffalo - Gowan	Closed	\$1,107,787.47
LAS14A95	Washington Avenue - I-15 to Martin Luther King	Closed	\$74,429.00
LAS14B00	Washington Avenue & Freeway Channel North	Closed	\$4,887,278.94
LAS14C11	Freeway Channel-Washington, MLK to Rancho Drive	Open	\$1,073,510.00
LAS15A95	Oakey Storm Drain - I-15 to Decatur Blvd	Closed	\$391,238.42
LAS16A98	Ann Road Channel West/ Allen Lane - Rancho Drive	Closed	\$657,583.31

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS16B99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	\$1,198,151.00
LAS16C99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	\$17,697.53
LAS16G07	Rancho Detention Basin, Phase II	Closed	\$3,953,168.82
LAS16H07	Rancho Drive System - El Campo Grande Storm Drain	Closed	\$4,634,244.76
LAS16I09	Ann Rd Channel West - Rainbow Blvd	Closed	\$475,475.33
LAS16J09	Rancho System - Beltway to Elkhorn	Closed	\$927,245.27
LAS16L11	Rancho Road System - Elkhorn, Ft Apache to Grand Canyon	Closed	\$394,023.05
LAS16M12	Ann Road Channel West - Rainbow Boulevard	Closed	\$3,474,459.19
LAS16N13	Rancho System - Beltway to Elkhorn Road	Closed	\$8,681,088.21
LAS16O13	Rancho Rd System-Elkhorn, Fort Apache to Grand Canyon	Closed	\$2,287,600.29
LAS16P15	Rancho Road System - Elkhorn, Grand Canyon to Hualapai	Open	\$654,000.00
LAS16Q18	Rancho Road System-Elkhorn, Grand Canyon to Hualapai	Open	\$5,185,760.00
LAS17A98	Las Vegas Wash/ Rancho Drive System (Peak Dr - Lake Mead)	Closed	\$419,095.42
LAS17D02	Las Vegas Wash - Rancho Drive System (Carey/Lake Mead DB to Peak Dr)	Closed	\$6,273,291.56
LAS17F07	Peak Drive System (Jones Blvd to Michael Way)	Closed	\$4,501,941.03
LAS18A98	Las Vegas Wsh/Smoke Ranch Sys: Peak Dr/Torrey Pines-Jones	Closed	\$147,617.92
LAS18B00	Las Vegas Wash - Smoke Ranch System (Peak Drive: Torrey Pines - Jones)	Closed	\$1,782,103.78
LAS19A99	Owens Avenue System: Rancho Drive to I-15	Closed	\$292,162.08
LAS19B01	Owens Avenue System (Rancho Drive to I-15)	Closed	\$4,430,278.94
LAS19D11	Vegas Dr Storm Drain - Rancho to Shadow Mountain	Closed	\$10,997,022.53
LAS20A00	Rancho Rd System: Durango to US-95 Interchange	Closed	\$448,364.70
LAS22B05	Las Vegas Wash - Jones Blvd, Elkhorn Rd to Farm Rd	Closed	\$92,244.72
LAS22C06	Las Vegas Wash - Elkhorn (Rainbow Blvd to Torrey Pines Drive)	Closed	\$274,272.89
LAS22D06	N & S Environ Enhancement Areas - Floyd Lamb Park	Closed	\$2,252,837.16
LAS22E06	Las Vegas Wash - Decatur Blvd (Centennial PKWY to Farm Road)	Closed	\$2,454,915.36
LAS22F07	Las Vegas Wash - Rainbow (Elkhorn Road to Grand Teton Drive)	Closed	\$951,355.17
LAS22G07	Elkhorn Springs and Buffalo Storm Drain	Closed	\$280,782.51
LAS22H07	Las Vegas Wash - Elkhorn Rd, Rainbow Blvd to Torrey Pines Dr	Closed	\$6,561,592.06
LAS22I08	Las Vegas Wash - Decatur Blvd (Elkhorn Rd to Farm Rd)	Closed	\$2,950,783.84
LAS22J08	Las Vegas Wash - Jones Blvd, Elkhorn to Farm	Closed	\$1,683,390.48
LAS22K08	LVW - Grand Teton, Mountain Spa to Durango Drive	Closed	\$850,522.21
LAS22L08	LVW - Grand Teton, Buffalo Drive to Durango Drive	Closed	\$172,513.02

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

<b><u>PROJECT</u></b>	<b><u>NAME</u></b>	<b><u>STATUS</u></b>	<b><u>TOTAL</u></b>
LAS22R12	LVW-Grand Teton, Mountain Spa to Durango Drive	Closed	\$12,250,368.51
LAS22S13	Brent Drainage System-Floyd Lamb Park to Durango Drive	Open	\$533,365.00
LAS22T15	Brent Drainage System - Floyd Lamb Park to Durango Drive	Open	\$4,900,700.00
LAS22U19	Brent Drainage System-Durango to OHare Ave	Open	\$1,100,000.00
LAS23C08	Horse Drive Interchange	Closed	\$5,392,419.91
LAS23D13	Centennial Parkway Channel West - US95 Crossing	Closed	\$1,411,812.73
LAS23E13	Centennial Pkwy Channel West-CC 215, Pioneer Way to US95	Open	\$1,070,687.00
LAS23F14	Centennial Parkway Channel West-CC215, Pioneer Way to US95	Open	\$13,900,000.00
LAS23G15	Centennial Parkway Channel West-US95, CC215 to Durango	Open	\$1,261,471.00
LAS23H15	Centennial Parkway Channel West-US95, Durango to Grand Teton	Open	\$985,231.00
LAS23I17	Cent Pkwy Chnl West-US95, CC215 to Grand Teton, Kyle Cyn	Open	\$26,425,221.00
LAS24B06	Gowan North Channel - El Capitan Way to the Western Beltway	Closed	\$7,636,880.18
LAS24D06	Gowan Lone Mountain System - Branch 4	Closed	\$2,824,592.10
LAS24E07	Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard)	Closed	\$1,595,874.26
LAS24H13	Gowan North-Buffalo Branch,Lone Mtn to Washburn Rd	Closed	\$953,701.76
LAS24I15	Gowan Box Canyon - Lone Mountain Road	Open	\$704,000.00
LAS24J15	Gowan North - El Capitan Branch, Lone Mountain to Ann Road	Open	\$820,478.00
LAS24K17	Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd	Closed	\$8,180,517.28
LAS24L17	Gowan North-El Capitan Branch, Ann Rd to Centennial Pkwy	Open	\$861,670.00
LAS24M17	Gowan North-El Capitan Branch, Lone Mtn to Ann Rd.	Open	\$9,630,600.00
LAS25B13	Cedar Avenue Channel Improvements	Open	\$831,489.00
LAS26A07	Grand Teton Overpass - Storm Drain	Closed	\$612,614.83
LAS26B08	Grand Teton Overpass - Storm Drain	Closed	\$1,936,755.45
LAS26C13	Grand Teton - Hualapai to Tee Pee	Closed	\$401,560.15
LAS27A09	Boulder HWY Sahara Ave - Mojave Rd to Boulder HWY	Closed	\$411,967.68
LAS28B11	Oakey Drain - Cahlan to Barnard	Closed	\$5,372,969.90
LAS28C12	Las Vegas Wash - Sloan Channel to Cedar Avenue	Open	\$110,000.00
LAS29A10	Flamingo Wash, Boulder Highway North-Main Street	Closed	\$346,572.69
LAS29B15	Flamingo-Boulder HWY N-Boulder HWY Sahara to Charleston	Open	\$1,726,003.00
LAS29C16	Flamingo-Bldr Hwy, N Charleston-Maryland Pkwy System	Open	\$2,888,829.00
LAS29D17	Flamingo-Boulder Hwy North, Charleston, Main to Maryland	Open	\$1,529,674.00
LAS29E18	Flamingo - Boulder Hwy North - Boulder Hwy, Sahara to Charleston	Open	\$30,664,139.00

5/18/2020 - payas443



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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS29F20	Flamingo-Boulder Hwy N Charleston-Maryland Pkwy System	Open	\$41,028,829.00
LAS30A13	Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard	Open	\$711,938.00
LAS31A17	LVW-Moccasin, Skye Canyon Park to Upper LVW	Open	\$120,000.00
LAS31B18	LVW - Moccasin, Skye Canyon Park to Upper LVW	Open	\$15,393,582.00
LLD04A03	Holmby Channel	Closed	\$621,698.68
LLD04B07	Oakey Boulevard & Tenaya Way Storm Drain	Closed	\$574,017.45
LLD05A08	Jones Blvd - Alta to Borden Storm Drain	Closed	\$716,389.74
LLD08A11	Lexington Street Storm Drain	Closed	\$926,610.34
LLD09A04	Bruce Street Storm Drain	Closed	\$431,221.89
LLD10A05	Jay Avenue Improvements	Closed	\$548,443.62
LLD10B13	Buckskin Avenue Storm Drain	Open	\$1,200,000.00
LLD12A04	Brush Street Storm Drain	Closed	\$411,351.53
LLD13A02	Crystal Water Way, Lake South Dr to Desert Inn Rd	Closed	\$227,132.20
LLD18A02	Peak Drive, Rainbow Blvd to Torrey Pines Dr	Closed	\$371,781.85
LLD19A18	Luning Drive Storm Drain	Open	\$1,201,965.00
LLD99A09	Gilmore Ave - Decatur Blvd to Thom Blvd Storm Drain	Closed	\$410,867.01
			<b>\$431,386,350.28</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	\$539,582.75
MES02A00	Abbott Wash Channel, I-15 to Virgin River	Closed	\$632,380.00
MES04A15	Virgin River Flood Wall	Open	\$1,433,903.00
			<b>\$4,253,132.11</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

**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>
NLV03B88	East Range Wash Detention Basin (Facility Study)	Closed	\$30,000.00
NLV03C91	West Range Wash Diversion Dike	Closed	\$339,338.71
NLV03E13	Hollywood System, Dunes South DB to Centennial Parkway	Open	\$2,706,972.00
NLV03F17	Range Wash - Ann Branch	Open	\$1,081,889.00
NLV03G17	Hollywood System, Centennial Pkwy-Speedway #2 DB	Open	\$1,586,850.00
NLV03H17	Hollywood System, Dunes S DB to Centennial Pkwy-Phase I	Open	\$13,109,000.00
NLV03I18	Range Wash - Ann Branch, Phase I	Open	\$2,668,000.00
NLV04A89	Gowan Outfall Structure	Closed	\$13,373,572.56
NLV04B00	Gowan Outfall, Craig to Channel	Closed	\$301,821.67
NLV04C01	Gowan Outfall, Craig to Channel	Closed	\$1,566,299.84
NLV04F07	Simmons Street Drainage Improvements - Carey to Craig	Closed	\$2,110,016.45
NLV04G07	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$15,057,798.44
NLV04I11	Simmons Street - Phase II, Carey to Cheyenne	Closed	\$5,464,819.43
NLV04K17	Gowan Outfall, Alexander Rd - Decatur to Simmons Street	Open	\$1,931,156.00
NLV05A89	Upper Las Vegas Wash Detention Basin	Closed	\$1,342,892.36
NLV06A91	Kyle Detention Basin	Closed	\$601,126.71
NLV06B93	Kyle Detention Basin	Closed	\$8,452,713.96
NLV07A92	Camino Al Norte Culvert	Closed	\$86,191.00
NLV08A94	Lower Las Vegas Wash Detention Basin	Closed	\$2,650,037.50
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$3,316,222.35
NLV09A94	Range Wash Chnl W Trib/Confl DB-LV Blvd. + Vandenberg DB	Closed	\$2,299,092.06
NLV09C03	Range Wash - Lamb Blvd Storm Drain	Closed	\$337,143.54
NLV09D07	Range Wash - Lamb Blvd Storm Drain	Closed	\$5,733,340.83
NLV09E11	Vandenberg North Detention Basin & Outfall	Open	\$1,534,770.00
NLV09F13	Beltway Detention Basin and Channel	Closed	\$0.00
NLV09G13	Centennial Collector	Closed	\$50,086.74
NLV09I13	Beltway Detention Basin and Channel	Open	\$1,464,000.00
NLV10A97	A - Channel/Lake Mead Blvd. - Alexander Road	Closed	\$1,822,067.69
NLV10B99	Cheyenne Peaking Basin	Closed	\$3,445,309.49
NLV10F02	Las Vegas Wash Main Branch, Cheyenne Avenue to Lake Mead Boulevard	Closed	\$353,900.87
NLV10H07	Las Vegas Wash - Lake Mead Blvd to Las Vegas Blvd	Closed	\$2,069,215.34
NLV10I09	Las Vegas Wash - Las Vegas Blvd to Cheyenne Ave	Closed	\$697,124.80
NLV10K11	LVW - LV Blvd to Cheyenne Avenue	Closed	\$6,382,656.86
NLV10L19	Las Vegas Wash Cartier Channel	Open	\$698,289.00
NLV11A97	W. Trib Las Vegas Wash (Camino Al Norte to Ann Rd)	Closed	\$1,494,634.14
NLV11B97	W. Trib Las Vegas Wash, Ph II (Ann Rd to Centennial PKWY)	Closed	\$2,154,439.86
NLV12A97	Clayton Channel- WTLVW >Centennial PKWY> Allen Ln	Closed	\$40,408.90

**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>
NLV13A98	Tributary to the Western Tributary @ Craig Rd	Closed	\$801,419.92
NLV13B02	Tributary to the Western Tributary at Craig Road	Closed	\$5,443,730.21
NLV14A00	Tributary to the Western Tributary @ Alexander Rd	Closed	\$735,930.14
NLV15A00	Las Vegas Wash - Losee Project	Closed	\$87,613.81
NLV16A00	Simmons Street Channel	Closed	\$1,013,785.70
NLV17A00	Centennial Parkway Channel East	Closed	\$2,486,927.42
NLV17B08	Centennial Parkway Channel East	Closed	\$19,334,832.52
NLV17C16	Fifth Street Collector, Centennial Pkwy to Deer Springs Way	Open	\$726,079.00
NLV17D18	Fifth St Collector, Centennial Pkwy to Deer Spgs Way	Open	\$5,416,000.00
NLV18A07	Colton Channel	Closed	\$1,175,047.77
NLV18B07	Brooks Channel	Closed	\$594,278.02
NLV18C07	Freeway Channel - Owens Avenue to Miller Avenue	Closed	\$1,528,308.05
NLV18D09	Freeway Channel - Owens Ave to Miller Ave, Phase I	Closed	\$4,389,989.00
NLV18E11	Freeway Channel - Owens Ave to Miller Avenue - Phase II	Closed	\$6,441,348.71
NLV18F13	Central Freeway Channel At Cheyenne	Closed	\$694,097.08
NLV18H14	Brooks Channel	Closed	\$4,689,970.93
NLV18I16	Central Freeway Channel at Cheyenne	Closed	\$9,663,354.07
NLV19A19	Carey-Lake Mead DB Outfall Modification	Open	\$100,000.00
			<u>\$187,053,527.12</u>
	<b>Grand Total</b>		<u><u>\$1,177,324,987.54</u></u>



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

**Boulder City**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$867,000.00
BOU01E19	Hemenway System, Phase IIB Improvements	Open	\$4,669,036.00
BOU04D02	West Airport Facilities	Closed	\$568,602.56
BOU04E03	Valley View, Red Mountain and DD Facilities	Closed	\$76,468.23
BOU04F05	Valley View and DD Facilities	Closed	\$632,017.12
BOU05D04	Veterans Memorial Detention Basin	Closed	\$3,236,343.92
BOU05E04	Yucca Debris Basin, Collection & Outfall	Closed	\$69,028.25
BOU05F04	Bootleg Canyon Facilities	Closed	\$365,646.88
BOU05I10	Yucca Debris Basin, Collection and Outfall	Closed	\$1,189,960.47
			<b>\$11,674,103.43</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	Closed	\$1,462,409.75
CLA06B93	Range Wash Confluence DB ROW & Construction	Closed	\$9,575,705.90
CLA07C03	Sloan Channel, Las Vegas Wash to Charleston	Closed	\$11,371,793.05
CLA08C98	Lower Duck Creek Detention Basin & Outfall Channel	Closed	\$12,823,423.07
CLA08T14	Duck Creek, Las Vegas Boulevard	Closed	\$6,981,477.12
CLA09B99	Durango Collector (Twain to Hacienda)	Closed	\$9,485,138.68
CLA10B99	Tropicana Wash, Paradise Road to Koval Lane	Closed	\$2,087,199.75
CLA10C03	Tropicana North Branch Detention Basin	Closed	\$3,763,800.00
CLA10E09	Tropicana North Branch Detention Basin	Closed	\$950,229.12
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	\$5,327,982.96
CLA13C98	Lakes DB Collection System	Closed	\$17,986,141.42
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephaine St)--ROWA	Closed	\$1,598,918.50
CLA14M03	Duck Creek, Broadbent Blvd Bridge and Channel	Closed	\$2,176,640.38
CLA14N03	Duck Creek, Broadbent Blvd to Boulder Highway	Closed	\$5,832,117.22
CLA14P03	Duck Creek, Eldorado Lane to Spencer Street	Closed	\$343,994.59
CLA14Q04	Duck Creek, Topaz Street to Eastern Avenue	Closed	\$2,119,552.08
CLA14W11	Duck Creek, Robindale to I-215	Closed	\$650,561.15
CLA15B99	Colorado Avenue Storm Drain System	Closed	\$15,259,421.39
CLA15E13	LVW-Sloan to Stewart-Flam Wash below Nellis	Open	\$84,184,000.00

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

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

**Clark County Outlying**

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

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

**Henderson**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01D91	Pittman Wash Channel - Phase II Construction	Closed	\$2,071,148.80
HEN01E93	Pittman Wash Channel Phase IIIA Construction	Closed	\$776,682.83
HEN03B92	UPRR Channel Construction	Closed	\$2,149,477.47
HEN04C93	Mission Hills System Construction	Closed	\$5,503,671.37
HEN04D94	C-1 Channel / Lake Mead Dr. - Burkholder	Closed	\$3,398,432.50
HEN04E96	Mission Hills Western Interceptor Diversion	Closed	\$2,100,000.00
HEN04J99	Black Mountain Detention Basin & Outfall	Closed	\$5,233,184.00
HEN04L01	C-1 Chnl, Mdl & Upr Reaches-PhI: Burkholder - Boulder HWY	Closed	\$4,784,787.10
HEN04M03	C-1 Channel, Upper & Middle Reaches - Vermillion Dr - Boulder HWY	Closed	\$3,689,653.67
HEN05B98	Pioneer DB Outfall	Closed	\$2,952,988.96
HEN05F12	Pioneer Detention Basin Expansion and Inflow	Closed	\$1,330,852.11
HEN05G16	Horizon Ridge Detention Basin	Closed	\$6,784,863.71
HEN06J13	Equestrian Detention Basin Expansion	Closed	\$1,025,764.52
HEN06K13	Equestrian Tributary, Phase II	Closed	\$2,147,066.76
HEN07C11	Pittman Park Peaking Basin Modification	Closed	\$0.00
HEN12D03	Pittman Wash - Burns	Closed	\$257,326.75
HEN12E05	Gibson Conveyance System	Closed	\$2,164,571.54
HEN12J16	Palm Hills Channel	Closed	\$1,880,256.03
HEN13B03	Boulder Highway Channel	Closed	\$6,534,523.99
HEN15B02	Pittman Wash Railroad Channel, Phase I (Resol. No. 02-6)	Closed	\$1,989,679.32
HEN15C04	Pittman Wash Railroad Channel, US-95 to Major Avenue	Closed	\$5,537,919.81
HEN18A03	Drake Channel	Closed	\$75,265.32
HEN19A03	Northeast Detention Basin and Levee	Closed	\$1,134,804.61
HEN20B04	C-1 Channel, US-95 Tributary 1	Closed	\$1,522,849.50
HEN23B16	Center Street Storm Drain	Closed	\$8,266,384.95
HLD06A15	Appaloosa Storm Drain, Local Drainage Project	Closed	\$925,332.15
			<b>\$74,237,487.77</b>

**Las Vegas**

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



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

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

**Mesquite**

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

**North Las Vegas**

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

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV03K19	Range Wash - Ann Branch, Phase II	Open	\$7,697,245.00
NLV04D04	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$1,179,589.48
NLV04H09	Simmons Street Drainage Improvements - Gowan Outfall	Closed	\$2,280,988.68
NLV04J14	Simmons Street Drainage Impvments-Alexander to Gowan Outfall	Closed	\$14,878,224.09
NLV05B92	Upper Las Vegas Wash Detention Basin Construction	Closed	\$8,010,318.87
NLV06B93	Kyle Detention Basin	Closed	\$5,037,000.00
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$4,433,240.98
NLV09B99	Vandenberg Detention Basin	Closed	\$5,347,006.76
NLV09H14	Centennial Collector	Closed	\$2,256,922.92
NLV09J19	Beltway Detention Basin, Collection and Outfall	Open	\$16,192,926.00
NLV09K19	Vandenberg North DB, Collection & Outfall, Phase II	Open	\$30,499,000.00
NLV10E03	"A" Channel Three Bridges Project (Cheyenne Ave, Las Vegas Blvd, and Carey Ave)	Closed	\$9,966,315.63
NLV10G03	Cheyenne Peaking Basin, Collection & Outfall - Alexander Rd to Cheyenne Ave	Closed	\$15,482,525.64
NLV10J10	LV Wash Main Branch-LV Blvd. to Lake Mead Blvd.	Closed	\$21,161,048.84
NLV11C98	W. Trib Las Vegas Wash Chnl, Ph I (Ann Rd - Clayton St)	Closed	\$7,898,144.87
NLV11D99	W. Trib Las Vegas Wash, Ph III (LLVWDB to Camino Al Norte)	Closed	\$2,499,963.56
NLV11E99	W. Trib of the Las Vegas Wash, Ph II (Ann to Centennial)	Closed	\$7,772,320.98
NLV14B03	Tributary to the Western Tributary @ Alexander Rd	Closed	\$7,636,332.88
NLV15B03	Las Vegas Wash - Losee Road	Closed	\$1,142,595.43
NLV16B03	Simmons Street Channel	Closed	\$4,885,102.93
NLV18G14	Colton Avenue Flood Control Improvements	Closed	\$6,811,918.64
			<b>\$247,855,277.97</b>
<b>Grand Total</b>			<b><u>\$879,587,627.76</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			
Pittman - Sunset, Galleria to Foster	HEN12K19	Design	565,788.00	0.00	565,788.00	12/12/2019	10
Pittman - Sunset, Galleria to Foster	HEN12K19	Right-of-Way	40,000.00	0.00	40,000.00	12/12/2019	10
Pittman, Horizon Ridge Detention Basin - Closeout	HEN05E09	Design	(6,843.45)	0.00	(6,843.45)	3/12/2020	8
Horizon Ridge Detention Basin - Closeout	HEN05G16	Construction	(721,136.29)	0.00	(721,136.29)	3/12/2020	8
Pittman Pabco - Boulder Highway Crossing	HEN25B19	Construction	1,454,530.00	0.00	1,454,530.00	9/12/2019	12b
<b>Henderson Total</b>			<b>\$2,796,198.26</b>	<b>\$8,211,090.00</b>	<b>\$1,332,338.26</b>		
<b>HENDERSON 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$11,007,288.26</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$13,280,515.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$11,948,176.74</b>			

<b>LAS VEGAS (Central Las Vegas Valley)</b>							
Carey-Lake Mead Detention Basin Outfall Modification	NLV19A19	Pre-Design	100,000.00	0.00	100,000.00	10/10/2019	11b
Lake Mead - Carey - Lake Mead Detention Basin Outfall		Construction	0.00	115,613.00			
Brent Drainage System - Durango Drive to O'Hare Avenue	LAS22U19	Design	897,540.00	0.00	897,540.00	7/11/2019	13
Brent Drainage System - Durango Drive to O'Hare Avenue - 1st Supplemental	LAS22U19	Design	202,460.00	0.00	202,460.00	9/12/2019	11
Centennial Parkway Channel West - CC 215, Pioneer Way to US95 - 3rd Supplemental	LAS23E13	Design	(195,000.00)	0.00	(195,000.00)	6/11/2020	
Centennial Parkway Channel West - CC 215, Pioneer Way to US95 - 4th Supplemental	LAS23F14	Construction	(640,116.00)	0.00	(640,116.00)	6/11/2020	
Flamingo - Boulder Hwy. North, Charleston - Boulder Hwy. to Maryland Parkway and Maryland Pkwy. System	LAS29C16	Design	400,000.00	0.00	400,000.00	4/9/2020	10
Flamingo - Boulder Hwy. North, Charleston - Boulder Hwy. to Maryland Parkway and Maryland Pkwy. System	LAS29F20	Construction	41,028,829.00	0.00	41,028,829.00	5/21/2020	
Gowan - Alexander Rd., Rancho to Decatur		Construction	0.00	10,499,261.00			
Gowan North - El Capitan Branch, Lone Mountain to Ann Road - 3rd Supplemental	LAS24J15	Design	35,000.00	0.00	35,000.00	1/9/2020	13b
Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd - Closeout	LAS24K17	Construction	(1,051,544.72)	0.00	(1,051,544.72)	9/12/2019	7
LVW - Moccasin, Skye Canyon Park to Upper LVW - 1st Supplemental	LAS31A17	Design	60,000.00	0.00	60,000.00	3/12/2020	15
Rancho Rd System-Elkhorn, Fort Apache to Grand Canyon - Closeout	LAS16O13	Construction	(70,799.71)	0.00	(70,799.71)	9/12/2019	7
Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street		Construction	0.00	27,861,914.00			
Gowan Outfall - El Capitan Branch, Ann Road to Centennial		Construction	0.00	7,582,927.00			
<b>Las Vegas Total</b>			<b>\$40,766,368.57</b>	<b>\$46,059,715.00</b>	<b>\$40,766,368.57</b>		
<b>LAS VEGAS 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$86,826,083.57</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$95,216,306.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$54,449,937.43</b>			

<b>NORTH LAS VEGAS (Northern Las Vegas Valley)</b>							
Las Vegas Wash Cartier Channel	NLV10L19	Design	698,289.00	0.00	698,289.00	10/10/2019	11a
Jim McGaughey Detention Basin, Collection & Outfall - 2nd Supplemental	CLA36A18	Design	1,000,000.00	0.00	1,000,000.00	7/11/2019	11
Jim McGaughey Detention Basin, Collection & Outfall - 2nd Supplemental	CLA36A18	Right-of-Way	2,000,000.00	0.00	2,000,000.00	7/11/2019	11
Jim McGaughey Detention Basin and Outfall		Construction	0.00	14,259,269.00			
Vandenberg North Detention Basin & Outfall - 7th Supplemental	NLV09E11	Design	121,770.00	0.00	121,770.00	8/8/2019	14
Vandenberg North Detention Basin, Collection & Outfall - Phase II	NLV09K19	Construction	30,499,000.00	0.00	30,499,000.00	8/8/2019	15b
Beltway Detention Basin and Channel - 3rd Supplemental	NLV09I13	Design	130,000.00	0.00	130,000.00	1/9/2020	13a
Range Wash - Ann Branch, Phase II	NLV03K19	Construction	0.00	7,697,245.00	7,697,245.00	9/12/2019	13b
Hollywood System, Dunes S DB to Centennial Pkwy-Phase I - Closeout	NLV03H17	Construction	(1,919,486.41)	0.00	(1,919,486.41)	6/11/2020	
Hollywood System, Phase II, Nellis Air Force Base Reach - 1st Supplemental	NLV03J19	Construction	311,851.00	0.00	311,851.00	2/13/2020	11
Hollywood System, Centennial Pkwy. to Speedway #2 Detention Basin		Construction	5,522,594.00	0.00			
<b>North Las Vegas Total</b>			<b>\$38,364,017.59</b>	<b>\$21,956,514.00</b>	<b>\$40,538,668.59</b>		
<b>NORTH LAS VEGAS 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$60,320,531.59</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$68,696,440.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$28,157,771.41</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			
Airport Channel - Naples - 4th Supplemental	CLA10H13	Design	510,000.00	0.00	510,000.00	6/11/2020	
Flamingo Wash - Industrial Road to Hotel Rio Dr.		Construction	1,400,000.00	0.00			
Wagon Trail Channel - Sunset to Teco - 1st Supplemental	CLA10I19	Design	50,000.00	0.00	50,000.00	3/12/2020	13



# 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>CLARK COUNTY (Southwest Las Vegas Valley and Outlying Areas) - Continued</b>							
Wagon Trail Channel - Sunset to Teco		Construction	0.00	1,399,667.00			
Flamingo Wash, Eastern Avenue - Closeout	CLA04W16	Construction	(54,590.25)	0.00	(54,590.25)	2/13/2020	8
Flamingo Wash, Maryland to Palos Verde		Construction	0.00	2,971,255.00			
Tropicana Wash at Swenson Street - 4th Amended Closeout	CLA10G12	Construction	(657.94)	0.00	(657.94)	1/9/2020	7
Tropicana Wash at Swenson Street - 5th Amended Closeout	CLA10G12	Construction	(328.97)	0.00	(328.97)	3/12/2020	7
Blue Diamond Wash - Arville to I-15 - 1st Supplemental	CLA16O19	Design	200,000.00	0.00	200,000.00	10/10/2019	10
Blue Diamond Wash - Arville to I-15		Construction	0.00	5,840,757.00			
Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.		Construction	0.00	5,679,467.00			
Duck Creek - Jones Boulevard Storm Drain	CLA38E20	Construction	3,650,769.00	0.00	3,650,769.00	5/21/2020	
Duck Creek, Las Vegas Boulevard - Closeout	CLA08T14	Construction	(418,522.88)	0.00	(418,522.88)	2/13/2020	8
Silverado Ranch Detention Basin, Collection & Outfall	CLA38B20	Construction	26,000,000.00	0.00	26,000,000.00	3/12/2020	16b
<b>Silverado Ranch Detention Basin and Outfall Facilities - 2nd Supplemental</b>	<b>CLA08S13</b>	<b>Design</b>	<b>80,000.00</b>	<b>0.00</b>	<b>80,000.00</b>	<b>6/11/2020</b>	
Blue Diamond Channel 02, Decatur - Le Baron to Richmar		Construction	3,500,000.00	0.00			
Duck Creek Haven Street Storm Drain	CLA38C20	Design	354,000.00	0.00	354,000.00	3/12/2020	14
Duck Creek Haven Street Storm Drain	CLA38D20	Construction	5,116,417.00	0.00	5,116,417.00	4/9/2020	11b
Jess Waite Wash Diversion Dike		Construction	1,581,568.00	0.00			
Searchlight West - State Highway 164	SEA02B19	Design	500,000.00	0.00	500,000.00	10/10/2019	11c
Searchlight - West - State Hwy 164		Construction	0.00	736,504.00			
Searchlight - South, Encinitas St. Storm Drain - Closeout	SEA03A09	Design	(106,727.58)	0.00	(106,727.58)	2/13/2020	8
Muddy River Logandale Levee - Closeout	MOA01H15	Construction	(290,511.72)	0.00	(290,511.72)	2/13/2020	8
Goodsprings - Phase I		Right-of-Way	74,454.00	0.00			
Goodsprings - Phase I		Construction	919,494.00	0.00			
Fairgrounds - Detention Basin (Whipple Street)		Construction	11,237,678.00	0.00			
<b>Clark County Total</b>			<b>\$81,053,038.66</b>	<b>\$16,627,650.00</b>	<b>\$35,589,846.66</b>		
<b>CLARK COUNTY 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$97,680,688.66</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$131,270,653.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$95,680,806.34</b>			

<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
Town Wash - Mesa Boulevard, El Dorado to Town Wash - 4th Supplemental	MES01E17	Design	43,868.75	0.00	43,868.75	11/14/2019	10
<b>City of Mesquite Total</b>			<b>\$5,115,946.75</b>	<b>\$0.00</b>	<b>\$123,066.75</b>		
<b>MESQUITE 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$5,115,946.75</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$13,379,188.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$13,256,121.25</b>			

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

<b>SUMMARY</b>	
<b>TOTAL 3-YEAR PROJECTS PROGRAMMED<sup>(2)</sup></b>	<b>\$265,154,155.72</b>
<b>TOTAL ESTIMATED RESOURCES (Year-1)</b>	<b>\$238,993,581.00</b>
<b>TOTAL REMAINING DESIGN PROJECTS (Year-1)</b>	<b>\$29,022.00</b>
<b>TOTAL PROJECTS FUNDED (Year-1)</b>	<b>\$122,524,883.72</b>
<b>CURRENT AVAILABLE CONSTRUCTION RESOURCES (Year-1)</b>	<b>\$116,439,675.28</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>						
Jun-20	ESTIMATED REMAINING FISCAL YEAR CIP RESOURCES				\$11,116,508		
	Hollywood System, Dunes S DB to Centennial Pkwy-Phase I - Closeout	NLV03H17	-\$1,919,486		\$13,035,994		
	Silverado Ranch Detention Basin and Outfall Facilities - 2nd Supplemental	CLA08S13	\$80,000		\$12,955,994		
	Airport Channel - Naples - 4th Supplemental	CLA10H13	\$510,000		\$12,445,994		
	Centennial Parkway Channel West - CC215, Pioneer Way to US95 - 3rd Supplemental	LAS23E13	-\$195,000		\$12,640,994		
	Centennial Parkway Channel West - CC215, Pioneer Way to US95 - 4th Supplemental	LAS23F14	-\$640,116		\$13,281,110		
	No Projects Awaiting Funding						

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



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

TEN-YEAR CONSTRUCTION PROGRAM AMENDMENTS

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

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

**FISCAL IMPACT:** None.

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

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Hollywood System, Dunes S DB to Centennial Pkwy Phase I	NLV03H17	Item #06 Closeout	\$ 0.00	(\$1,919,486.41)
Silverado Ranch Detention Basin and Outfall Facilities	CLA08S13	Item #16a 2 <sup>nd</sup> Supplemental	\$ 0.00	\$ 80,000.00
Airport Channel – Naples	CLA10H13	Item #16b 4 <sup>th</sup> Supplemental	\$ 0.00	\$ 510,000.00

TAC AGENDA ITEM #05 Date: 05/28/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM #05 Date: 05/28/2020	

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Centennial Parkway Channel West – CC 215, Pioneer Way to US95	LAS23E13	Item #17a 3 <sup>rd</sup> Supplemental	\$ 0.00	(\$ 195,000.00)
Centennial Parkway Channel West – CC 215, Pioneer Way to US95	LAS23F14	Item #17b 4 <sup>th</sup> Supplemental	\$ 0.00	(\$ 640,116.00)

Respectfully submitted,



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

TAC AGENDA ITEM #05 Date: 05/28/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM #05 Date: 05/28/2020	

052820 TYCP Amend-item



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	<b>Date: 05/18/2020</b>
<b>TEN YEAR CONSTRUCTION PROGRAM AMENDMENTS</b>  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).	
<b>Staff Recommendation:</b>  Approve.	
<b>Discussion by Technical Advisory Committee:</b>	<b>AGENDA #05 Date: 05/28/2020</b>
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	<b>AGENDA #05 Date: 05/28/2020</b>
<b>Recommendation:</b>	

**CITY OF LAS VEGAS**  
**10-YEAR CONSTRUCTION PROGRAM**  
**Amended June 11, 2020**

**EXHIBIT C**

	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>\$42,078,140</b>	<b>\$45,535,206</b>				
Unencumbered from previous year	(\$14,197,230)			<b>\$884,964,803</b>	\$71,363,431	\$52,239,558	\$49,255,868				
<b>ENTITY RESOURCES</b>				<b>\$302,319,382</b>	\$63,553,144	\$15,208,519	\$18,458,842				
Unencumbered from previous year	(\$27,951,231)				\$22,788,778	\$7,551,227	\$5,925,681				
<b>ENTITY TOTAL</b>				<b>\$294,714,799</b>	<b>\$40,766,369</b>	<b>\$30,442,068</b>	<b>\$18,082,188</b>	Board Date	Amount	Amendment?	Project No.
									\$40,766,369		
<b>HYDROGRAPHIC BASIN: CENTRAL</b>				<b>\$196,199,170</b>	<b>\$41,528,829</b>	<b>\$1,523,438</b>	<b>\$0</b>		<b>\$41,528,829</b>		
<b>SYSTEM: LV Wash I-15 Tributary</b>				<b>\$23,523,280</b>	<b>\$100,000</b>	<b>\$474,004</b>	<b>\$0</b>		<b>\$100,000</b>		
<b>PROJECT: Freeway Channel - Washington, Valley View to Michael Way</b>											
Design/Admin	LV15 0802		\$1,386,330								
Right-of-way			\$1,109,080	\$10,447,663							
Construction			\$6,931,650								
<b>PROJECT: Freeway Channel - Washington, Rancho to Valley View</b>											
Design/Admin	LV15 0628		\$1,280,270								
Right-of-way			\$1,008,210	\$8,977,116							
Construction			\$6,301,330								
<b>PROJECT: Lake Mead - Carey - Lake Mead Detention Basin Outfall</b>											
Design/Admin	LVM 0221	Design Started 19/20	\$20,790		\$100,000	\$8,565		10/10/2019	\$100,000	YES	NLV19A19
Right-of-way		NLV19A19	\$16,630	\$215,813							
Construction			\$103,930			\$107,048					
<b>PROJECT: Owens Avenue System - Vegas, Shadow Mountain to Jones</b>											
Design/Admin	LVOW 0380		\$579,920			\$358,391					
Right-of-way			\$463,940	\$3,682,988							
Construction			\$2,899,600								
<b>SYSTEM: LV Wash Central</b>				<b>\$69,395,748</b>	<b>\$0</b>	<b>\$1,049,432</b>	<b>\$0</b>		<b>\$0</b>		
<b>PROJECT: Las Vegas Wash - Stewart to Bonanza</b>											
Design/Admin	LVMD 1121 & 1148	Design Started 11/12	\$1,204,620								
Right-of-way		CLA15D12 / LAS29C12	\$953,690	\$7,321,388							
Construction			\$6,023,110								
<b>PROJECT: Meadows - Charleston, Essex to Lindell</b>											
Design/Admin	MECN 0000, 0081		\$1,362,180								
Right-of-way			\$1,089,750	\$8,420,473							
Construction			\$6,810,920								
<b>PROJECT: Meadows - Charleston, Lindell to Rainbow</b>											
Design/Admin	MECN 0123, 0223		\$1,881,440								
Right-of-way			\$1,505,140	\$13,401,828							
Construction			\$9,407,180								
<b>PROJECT: Las Vegas Wash - Stewart, Las Vegas Wash to Lamb</b>											
Design/Admin	LVST 0000		\$1,686,110			\$1,049,432					
Right-of-way			\$1,358,490	\$11,370,138							
Construction			\$6,490,570								
<b>PROJECT: Owens Avenue East - LV Wash to Eastern</b>											
Design/Admin	LVDE 0000, 0085		\$3,810,770								
Right-of-way			\$3,048,610	\$27,881,823							
Construction			\$19,053,810								
<b>SYSTEM: Sahara Boulder Highway</b>				<b>\$102,280,141</b>	<b>\$41,428,829</b>	<b>\$0</b>	<b>\$0</b>		<b>\$41,428,829</b>		
<b>PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy.</b>											
Design/Admin	BHBA 0000, 0038	Pre-Design Started 09/10	\$2,767,570								
Right-of-way		LAS27A09	\$2,214,050	\$30,806,722							
Construction			\$13,837,830								
<b>PROJECT: Sahara Avenue - Eastern Lateral</b>											
Design/Admin	BAEA 0000		\$431,380								
Right-of-way			\$345,100	\$3,348,448							
Construction			\$2,156,890								
<b>PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern</b>											
Design/Admin	BHBA 0075		\$2,278,210								
Right-of-way			\$1,622,570	\$17,732,815							
Construction			\$11,391,060								
<b>PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland</b>											
Design/Admin	FLBN 0281, 0812	design start in 17/18	\$1,288,650								
Right-of-way		LAS29D17	\$1,030,920	\$7,803,882							
Construction			\$6,443,270								
<b>PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System</b>											
Design/Admin	FLBN 0170, 0180, 0205	Design started in 16/17	\$2,882,190		\$3,615,121			5/21/2020	\$3,039,173	YES	LAS29F20
3rd Supplement	Design/Admin	0275, 0280 & FLMP 0000	\$2,305,780	\$41,428,829	\$409,000			4/9/2020	\$400,000	YES	LAS29C16
Construction		0013, 0042, 0088	\$14,410,970		\$37,949,466			5/21/2020	\$37,989,666	YES	LAS29F20
<b>PROJECT: Las Vegas Wash - Cedar Channel/Bonanza - Las Vegas Wash to Lamb</b>											
Design/Admin	LVBZ 0000		\$1,452,940								
Right-of-way	CACH 0001, 0020		\$1,162,350	\$11,308,235							
Construction			\$7,264,690								



**EXHIBIT C**

**CITY OF LAS VEGAS**  
**10-YEAR CONSTRUCTION PROGRAM**

**Amended June 11, 2020**

Amended June 11, 2020				FIRST FIVE YEARS 7/2019 THRU 6/2024								
Fac ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22					
TOTAL PLAN				Annual Resources	\$899,655,079	\$253,190,812	\$42,076,140	\$45,835,208				
Unencumbered from previous year		(\$14,197,230)	Cumulative Available Resources	\$884,964,803	\$71,363,431	\$52,236,558	\$40,255,868					
ENTITY RESOURCES				Annual Resources	\$302,319,382	\$83,553,144	\$15,206,519	\$16,458,842	Funding Requests 10/20			
Unencumbered from previous year		(\$27,951,231)	Cumulative Available Resources		\$22,786,776	\$7,551,227	\$5,925,681	Board Date	Amount	Amendment?	Project No.	
ENTITY TOTAL				\$1,372,662,650	\$338,754,090	\$294,714,799	\$40,766,369	\$30,442,068	\$18,082,188		\$40,766,369	
HYDROGRAPHIC BASIN: GOWAN		\$447,692,150	\$127,416,880	\$90,434,671	(\$1,016,545)	\$28,918,632	\$16,082,188		(\$1,016,545)			
SYSTEM: Gowan North		\$273,309,150	\$126,944,520	\$90,434,671	(\$1,016,545)	\$28,918,632	\$18,082,188		(\$1,016,545)			
PROJECT: Gowan Box Canyon - Lone Mountain Road												
Design/Admin		Design started in 15/16	\$1,061,840	\$7,401,069								
Right-of-way		GOBX 0016	LAS24H15		\$665,550							
Construction					\$5,409,720							
PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street												
Design/Admin		Design started 18/17	\$5,009,330	\$27,861,914		\$2,063,844						
Right-of-way		GOOF 0276, 0285, 0325, 0376	NLVD4K17		\$4,007,480							
Construction					\$25,048,670		\$25,798,070					
PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road												
3rd Supplement		Design/Admin	Design started in 15/16	\$36,000	\$15,000			1/9/2020	\$35,000	YES	LAS24J15	
Right-of-way		GOEC 0000 thru 0076	LAS24J15									
Construction												
PROJECT: Gowan Outfall - Clayton Branch												
Design/Admin			\$2,055,280	\$15,488,931								
Right-of-way		GOCL 0000			\$1,644,230							
Construction					\$10,276,460							
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial												
Design/Admin		Design Started in 17/18	\$1,323,640	\$7,882,827			\$581,700					
Right-of-way		GOEC 0100, 0128, 0152, 0176	LAS24L17		\$1,058,910							
Construction					\$6,618,180			\$7,021,227				
PROJECT: Gowan - Alexander Rd., Rancho to Decatur												
Design/Admin		Design Started in 13/14	\$1,632,700	\$10,488,261			\$777,725					
Right-of-way		GOAL 0000, 0068	LAS30A13		\$1,466,180							
Construction			Eng's Est		\$9,163,480			\$9,721,536				
PROJECT: Gowan - Rancho, Craig to Alexander and Alexander Branch												
Design/Admin			\$1,709,900	\$11,448,801		\$1,056,718						
Right-of-way		GOAL 0100, 0111			\$1,367,910							
Construction		GOA2 0000			\$6,549,440							
PROJECT: Gowan - Craig and US-95												
Design/Admin			\$1,572,180	\$11,188,083								
Right-of-way		GOAL 0168, 0247			\$1,257,750							
Construction					\$7,860,960							
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn												
Design/Admin		Design Started in 13/14	\$287,980	(\$1,061,845)								
Right-of-way		GOBU 0112, 0138	LAS24H13		\$214,380							
Construction			Eng's Est		\$1,339,760							
CLOSEOUT					(\$1,951,545)			9/12/2019	(\$1,051,545)	YES	LAS24K17	

# EXHIBIT C

## CITY OF LAS VEGAS 10-YEAR CONSTRUCTION PROGRAM Amended June 11, 2020

				FIRST FIVE YEARS 7/2019 THRU 6/2024						
Fac ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(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>\$283,190,812</b>	<b>\$42,078,140</b>	<b>\$48,835,208</b>			
Unencumbered from previous year		(\$14,187,230)	Cumulative Available Resources	<b>\$884,964,803</b>	\$71,383,431	\$52,238,568	\$49,255,868			
<b>ENTITY RESOURCES</b>				<b>\$302,319,382</b>	\$63,553,144	\$15,208,519	\$18,458,842			
Unencumbered from previous year		(\$27,951,231)	Cumulative Available Resources		\$22,786,776	\$7,551,227	\$5,925,681			
<b>ENTITY TOTAL</b>				<b>\$1,372,662,650</b>	<b>\$838,754,090</b>	<b>\$294,714,799</b>	<b>\$40,766,369</b>	<b>\$30,442,068</b>	<b>\$18,082,188</b>	
								Board Date	Amount	Amendment?
										Project No.
<b>HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH</b>										
SYSTEM: Ann Road										
PROJECT: Rancho Road System - Elkhorn, Fort Apache to Grand Canyon										
Design/Admin			Design Started 11/12	\$454,350						
Right-of-way			LAS18L11	\$383,480						
CLOSEOUT				\$2,271,740						
SYSTEM: Upper Western Tributary										
PROJECT: Centennial Parkway Channel West - CC 215, Pioneer to US 95										
3rd Supplement			Design Started 13/14							
Right-of-way			LAS23E13							
4th Supplement										
PROJECT: Brent Drainage System - Durango to OHare										
Design/Admin			Design Started 19/20	\$1,495,900						
Right-of-way			LAS22U19	\$1,198,720						
1st Supplement				\$7,479,480						
SYSTEM: Kyle Canyon										
PROJECT: LVW - Moccasin, Skye Canyon Park to Upper LVW										
1st Supplement			Design start in 17/18	\$3,369,870						
Right-of-way			LAS31A17	\$2,895,900						
Construction				\$0						



## EXHIBIT C

**CITY OF NORTH LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended June 11, 2020**

NEW CONSTRUCTION PROJECTS						FIRST FIVE YEARS 7/2019 THRU 6/2024		
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(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>\$283,190,812</b>	<b>\$42,076,140</b>	<b>\$49,838,208</b>
Unencumbered from previous year (\$14,197,230)			Cumulative Available Resources	<b>\$884,964,803</b>	\$71,363,431	\$52,239,558	\$49,255,868	
<b>ENTITY RESOURCES</b>					<b>\$207,494,839</b>	\$47,478,108	\$10,191,255	\$11,029,078
Unencumbered from previous year (\$13,849,204)			Cumulative Available Resources		\$9,112,090	\$10,072,028	\$9,841,834	
<b>ENTITY TOTAL</b>		<b>\$808,695,860</b>	<b>\$486,095,816</b>	<b>\$198,850,424</b>	<b>\$38,364,018</b>	<b>\$9,231,319</b>	<b>\$14,259,269</b>	Funding Requests 19/20 Board Date Amount Amendment? Project No
<b>HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH</b>		<b>\$420,934,570</b>	<b>\$182,748,846</b>	<b>\$33,719,147</b>	<b>\$698,289</b>	<b>\$1,534,074</b>	<b>\$0</b>	\$698,289
SYSTEM: LV Wash Craig		\$192,994,230	\$37,622,500	\$7,208,111	\$0	\$665,382	\$0	\$0
<b>PROJECT: North Las Vegas Detention Basin Upgrade</b>								
Design/Admin			\$1,076,670	\$7,208,111		\$665,382		
Right-of-way Construction		LVPJ 0408	\$861,340					
			\$5,383,350					
SYSTEM: Cheyenne Lamb Nellis		\$79,573,170	\$132,642,546	\$26,510,036	\$698,289	\$665,692	\$0	\$698,289
<b>PROJECT: Lake Mead Drain to Las Vegas Wash</b>								
Design/Admin			\$1,405,650	\$8,411,878		\$668,862		
Right-of-way Construction		LVLE 0000, 0047	\$1,124,520					
			\$7,028,250					
<b>PROJECT: Las Vegas Boulevard Drain</b>								
Design/Admin			\$1,302,880	\$8,632,637				
Right-of-way Construction		LVVL 0000	\$1,042,290					
			\$6,514,300					
<b>PROJECT: Las Vegas Wash Cartier Channel</b>								
Design/Admin			\$1,163,815	\$7,986,621	\$698,289			10/10/2019 \$698,289 NO NLV10L19
Right-of-way Construction		LVCC 0000, 0030, 0036	\$931,046					
			\$5,819,056					

# EXHIBIT C

## CITY OF NORTH LAS VEGAS 10-YEAR CONSTRUCTION PROGRAM Amended June 11, 2020

Amended June 11, 2020					FIRST FIVE YEARS 7/2019 THRU 6/2024								
Fac. ID		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1)	(Year 2)	(Year 3)						
Mile Range					FY 19/20	FY 20/21	FY 21/22						
TOTAL PLAN					\$899,655,079	\$283,180,812	\$42,876,140	\$48,535,298					
Unencumbered from previous year		(\$14,197,230)		Cumulative Available Resources	\$884,964,803	\$71,363,431	\$52,239,958	\$49,255,866					
ENTITY RESOURCES					\$207,494,839	\$47,476,108	\$10,191,256	\$11,029,076					
Unencumbered from previous year		(\$13,849,204)		Cumulative Available Resources	\$91,112,090	\$10,072,028	\$6,841,834						
ENTITY TOTAL					\$808,695,860	\$486,095,816	\$198,850,424	\$38,364,018	\$9,231,319	\$14,259,269			
									Board Date	Amount	Amendment?	Project No.	
										\$40,538,669			
HYDROGRAPHIC BASIN: RANGE					\$198,209,210	\$262,708,330	\$132,526,416	\$37,885,729	\$7,887,245	\$14,289,289	\$39,840,380		
SYSTEM: Lower Range					\$92,621,110	\$53,363,990	\$22,996,109	\$3,000,000	\$0	\$14,259,269	\$3,000,000		
PROJECT: Orchard Collector - Charleston to Linden													
Design/Admin		BLOR 0188	Design Started 09/01	\$428,180	\$3,210,000								
Right-of-way			CLA21A00	\$342,530									
Construction			Est.	\$2,140,810									
PROJECT: Jim McGaughey (Formerly Owens) Detention Basin & Outfall													
2nd Supplement		BLWA 0130 thru 0175 & BLOW 0000, 0005	Design Started 17/18	\$961,680	\$17,288,388	\$1,000,000		\$932,849	7/11/2019	\$1,000,000	YES	CLA36A18	
2nd Supplement			CLA36A18	\$769,320		\$2,000,000	7/11/2019	\$2,000,000	YES	CLA36A18			
Construction				\$4,808,280				\$13,326,420					
PROJECT: Range Wash - Sloan Channel, Stewart Bridge													
Design/Admin		RWBL 0187		\$355,720	\$2,626,840								
Right-of-way				\$284,570									
Construction				\$1,778,580									
SYSTEM: West Range					\$85,613,560	\$145,159,210	\$94,665,809	\$30,750,770	\$0	\$0	\$30,750,770		
PROJECT: Beltway Detention Basin, Collection and Outfall													
3rd Supplement		RWVR 0107 thru 0261 & RWVE 0000 thru 0087	Design Started 13/14	\$2,156,280	\$130,000	\$130,000			1/9/2020	\$130,000	YES	NLV0913	
Right-of-way			NLV0913	\$1,725,020									
Construction			Eng. Est.	\$10,781,440									
PROJECT: Nellis Storm Drain - Sloan Channel to Craig													
Design/Admin		BLNL 0000, 0084		\$3,256,870	\$24,544,108								
Right-of-way				\$2,605,500									
Construction				\$16,284,370									
PROJECT: Las Vegas Boulevard Storm Drain - Nellis to Range													
Design/Admin		BLLV 0000		\$2,585,440	\$20,088,708								
Right-of-way				\$2,058,350									
Construction				\$12,927,190									
PROJECT: Range Wash - Beltway Conveyance													
Design/Admin		RWVW 0038-0083, RWVE 0518 - 0550		\$2,008,390	\$15,135,448								
Right-of-way				\$1,806,720									
Construction				\$10,041,930									
PROJECT: Vandenberg North Detention Basin, Collection & Outfall - Phase 2													
Design/Admin		RWVE 0352, 0397, 0405, 0407, 0409, 0422, 0428, 0439, 0454	PreDesign Started 10/11	\$2,132,880	\$30,820,770	\$1,694,800			8/6/2019	\$1,995,000	YES	NLV08K19	
7th Supplement			NLV09E11	\$1,706,290		\$121,770	8/6/2019	\$121,770	YES	NLV09E11			
Construction			Eng. Est.	\$10,864,330		\$28,504,900	8/6/2019	\$28,504,000	YES	NLV08K19			
PROJECT: Beltway Collection System - Pecos													
Design/Admin		RWVE 0900 & RWVW 0011, 0013		\$549,500	\$4,186,688								
Right-of-way				\$439,600									
Construction				\$2,958,960									
SYSTEM: East Range					\$17,974,540	\$84,188,130	\$14,864,497	\$3,914,959	\$7,887,245	\$0	\$6,069,610		
PROJECT: Hollywood System, Dunes South Detention Basin to Centennial Parkway, Phase 1													
Design/Admin		RWVW 0174, 0201, 0277	Design Started 13/14		(\$1,919,486)								
Right-of-way			NLV03E13										
Construction			Eng. Est.										
PROJECT: Hollywood System, Phase II, Nellis Air Force Base Reach													
Design/Admin		RWVW 0000, 0007, 0009, 0038, 0080, 0110, 0136, 0173	Design Started 13/14		\$311,851								
Right-of-way			NLV03E13										
1st Supplement			Eng. Est.										
PROJECT: Range Wash - Ann Branch													
Design/Admin		RWAN 0085, 0100	Design started 16/17	\$3,036,730	\$0								
Right-of-way			NLV03F17	\$2,430,990									
Construction			Phase 1 Construction	\$1,186,320									
PROJECT: Range Wash - Ann Branch, Phase 2													
Design/Admin		RWAN 0001, 0080	Design started 16/17	\$1,636,080	\$7,887,245								
Right-of-way			NLV03F17	\$1,310,460									
Construction				\$8,190,420									
PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin													
Design/Admin		RWVW 0850, 0385, 0389, 0410	Design started 16/17	\$1,022,710	\$6,522,884								
Right-of-way			NLV03G17	\$818,160									
Construction				\$5,113,510									
PROJECT: Speedway North Detention Basin and Outfall													
Design/Admin		RWVW 0459, 0498, 0499, 0500		\$1,888,870	\$3,262,293								
Right-of-way				\$1,511,090									
Construction				\$9,444,330									



# EXHIBIT C

## CITY OF NORTH LAS VEGAS 10-YEAR CONSTRUCTION PROGRAM Amended June 11, 2020

				FIRST FIVE YEARS 7/2019 THRU 6/2024						
Fac ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22			
<b>TOTAL PLAN</b>				<b>Annual Resources</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)		Cumulative Available Resources	\$884,964,803	\$71,363,431	\$52,239,558	\$49,255,868		
<b>ENTITY RESOURCES</b>				<b>Annual Resources</b>	<b>\$207,494,839</b>	<b>\$47,476,108</b>	<b>\$10,191,256</b>	<b>\$11,029,076</b>		
Unencumbered from previous year		(\$13,849,204)		Cumulative Available Resources	\$19,112,090	\$10,072,028	\$6,841,834			
<b>ENTITY TOTAL</b>				<b>\$808,695,860</b>	<b>\$486,095,816</b>	<b>\$198,850,424</b>	<b>\$38,364,018</b>	<b>\$9,231,319</b>	<b>\$14,259,269</b>	
									Board Date	Amount
									Amendment?	Project No.
<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		NAP1 0000, 0002,	\$3,815,130	\$32,604,863						
Right-of-way		0009, 0152, 0153, 0154	\$3,052,090							
Construction			\$19,240,810							

# EXHIBIT C

## CLARK COUNTY 10-YEAR CONSTRUCTION PROGRAM Amended June 11, 2020

Amended June 11, 2020					FIRST FIVE YEARS 7/2019 THRU 6/2024		
Fec. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22
<b>TOTAL PLAN</b>							
Unencumbered from previous year		(\$14,197,230)		Annual Resources	\$253,190,812	\$42,076,140	\$46,835,206
				Cumulative Available Resources	\$71,363,431	\$52,239,558	\$49,255,868
<b>ENTITY RESOURCES</b>							
Unencumbered from previous year		\$35,062,395		Annual Resources	\$106,538,019	\$11,878,071	\$12,854,563
				Cumulative Available Resources	\$25,484,980	\$22,370,727	\$26,305,611
<b>ENTITY TOTAL</b>					<b>\$81,053,039</b>	<b>\$14,992,324</b>	<b>\$8,919,479</b>
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# EXHIBIT C

## CLARK COUNTY 10-YEAR CONSTRUCTION PROGRAM Amended June 11, 2020

Amended June 11, 2020					FIRST FIVE YEARS 7/2019 THRU 6/2024									
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22						
TOTAL PLAN					\$899,655,079	\$263,180,812	\$42,078,140	\$48,538,208						
Unencumbered from previous year		(\$14,197,230)			\$884,964,803	\$71,363,431	\$52,239,558	\$48,255,868						
ENTITY RESOURCES					\$293,042,389	\$106,538,019	\$11,878,071	\$12,854,583						
Unencumbered from previous year		\$35,082,395				\$25,484,980	\$22,370,727	\$26,305,811						
ENTITY TOTAL					\$1,532,456,175	\$652,450,607	\$301,303,860	\$81,053,039	\$14,992,324	\$8,919,479	Board Date	Amount	Amendment?	Project No.
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond			\$612,285,110	\$301,091,660	\$92,136,081	\$38,482,663	\$9,366,936	\$8,679,467		\$34,982,663				
SYSTEM: Blue Diamond Tributaries			\$76,756,840	\$61,719,030	\$22,761,798	\$200,000	\$8,840,757	\$5,679,467		\$200,000				
PROJECT: Blue Diamond Wash - Arville to I-15														
1st Supplement		Design/Admin	BDWA 0278	Design Started 18/19	\$1,050,120	\$159,990	\$432,649		10/10/2019	\$150,000	YES	CLA16019		
1st Supplement		Right-of-way		CLA16019	\$840,090	\$50,000			10/10/2019	\$50,000	YES	CLA16019		
		Construction			\$5,250,590		\$5,408,108							
PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.														
		Design/Admin	DCBD 0075, 0082 & 0084	Design Started 18/19	\$991,380			\$420,702						
		Right-of-way		CLA38A19	\$793,100									
		Construction			\$4,958,690			\$5,258,765						
PROJECT: Blue Diamond Channel, Amigo to Haven														
		Design/Admin	BDWA 0067 thru 0175		\$1,343,740		\$0		4/9/2020		Moved			
		Right-of-way			\$1,075,010	\$11,041,674		\$0						
		Construction			\$6,718,700				4/9/2020		Moved			
SYSTEM: Upper Duck Creek			\$123,500,470	\$75,203,030	\$39,821,076	\$33,230,769	\$1,263,769	\$0		\$29,730,769				
PROJECT: Duck Creek - Jones Boulevard														
		Design/Admin	DCJB 0000, 0020,0043	RTC Project	\$1,347,840	\$321,905			5/21/2020	\$321,905	YES	CLA38E20		
		Right-of-way			\$1,078,350	\$3,650,769								
		Construction			\$6,739,670	\$3,328,864			5/21/2020	\$3,328,864	YES	CLA38E20		
PROJECT: Silverado Ranch Detention Basin and Outfall Facilities														
		Design/Admin	BD02 0125 thru 0312, 0350 thru 0404, DCHW 0000,0001	Design Started 13/14	\$2,881,730	\$2,879,255			3/12/2020	\$2,879,255	YES	CLA38B20		
		Design/Admin		CLA08S13	\$2,289,380	\$28,080,000	\$80,000			6/11/2020	\$80,000	YES	CLA08B13	
		Construction			\$14,308,620	\$21,120,745			3/12/2020	\$23,120,745	YES	CLA38B20		
PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar														
		Design/Admin	BD02 0334	RTC Project		\$500,000								
		Right-of-way		No Design		\$3,800,000								
		Construction				\$3,000,000								
PROJECT: Blue Diamond Wash Railroad														
		Design/Admin	BDW6 0028		\$676,400		\$541,615							
		Right-of-way			\$701,120	\$8,980,307		\$722,154						
		Construction			\$4,382,000									
SYSTEM: Lower Duck Creek			\$176,428,900	\$39,736,410	\$24,801,314	\$0	\$2,261,410	\$0		\$0				
PROJECT: Duck Creek, Sunset Park														
		Design/Admin	DCBP 0000, 0116		\$3,659,240		\$2,261,410							
		Design/Admin			\$2,627,390	\$34,801,314								
		Construction			\$19,296,170									
SYSTEM: Central Duck Creek			\$135,598,900	\$124,433,390	\$5,051,894	\$5,051,894	\$0	\$0		\$5,051,894				
PROJECT: Duck Creek Las Vegas Boulevard														
		Design/Admin	DCLV 0000 thru 0099	Split with SID	\$1,278,400									
		Right-of-way		Design Started 13/14	\$1,022,720	(\$418,523)								
CLOSEOUT		Construction		CLA08R13	\$6,392,000	(\$418,523)			2/13/2020	(\$418,523)	YES	CLA08T14		
PROJECT: Duck Creek Haven Street														
		Design/Admin	DCHV 0026, 0080, 0057	RTC Project	\$841,440	\$422,000			4/9/2020	\$422,000	YES	CLA38D20		
		Design/Admin		CLA38C20	\$513,150	\$5,470,417	\$354,000			3/12/2020	\$354,000	YES	CLA38C20	
		Construction			\$3,207,210	\$4,694,417			4/9/2020	\$4,694,417	YES	CLA38D20		



# EXHIBIT C

## CLARK COUNTY 10-YEAR CONSTRUCTION PROGRAM Amended June 11, 2020

Amended June 11, 2020				FIRST FIVE YEARS 7/2019 THRU 6/2024								
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22					
TOTAL PLAN				Annual Resources \$899,655,079	\$253,190,912	\$42,878,140	\$48,536,208					
Unencumbered from previous year		(\$14,197,230)	Cumulative Available Resources	\$884,964,803	\$71,363,431	\$52,236,558	\$40,255,068					
ENTITY RESOURCES				Annual Resources \$293,042,389	\$108,538,019	\$11,878,071	\$12,854,563	Funding Requests 19/20				
Unencumbered from previous year		\$35,062,395	Cumulative Available Resources		\$25,484,980	\$22,370,727	\$26,305,811	Board Date	Amount	Amendment?	Project No.	
ENTITY TOTAL				\$1,532,456,175	\$652,450,807	\$301,303,860	\$81,053,039	\$14,992,324	\$8,919,479			
HYDROGRAPHIC BASIN: Outlying Areas			\$70,441,216	\$186,769,797	\$89,119,965	\$13,916,953	\$895,585	\$2,570,013		\$102,761		
SYSTEM: Goodsprings			\$84,849	\$2,701,170	\$993,948	\$993,948	\$0	\$0		\$0		
PROJECT: Goodsprings - Phase I												
Design/Admin		GSEA 0000	Design Started 09/10	\$91,455		\$48,715						
Right-of-way		GSPA 0027 & 0029	GSP01B10	\$55,910	\$983,948	\$74,454						
Construction		GSRV 0019		\$653,904		\$870,779						
SYSTEM: Muddy River & Tributaries			\$25,323,000	\$118,662,000	\$46,722,856	\$10,947,166	\$0	\$2,570,013		(\$290,512)		
PROJECT: Fairgrounds - Detention Basin (Whipple Street)												
Design/Admin		FGWB 0000, 0075, 0105,	Design Started 10/11	\$1,197,000		\$809,852						
Right-of-way		0128, 0164, 0165, 0166	MOA03A11	\$0	\$11,237,678							
Construction				\$8,344,000		\$10,827,828						
PROJECT: Muddy River Logandale Levee												
Design/Admin			Design Started 09/10	\$482,000								
Right-of-way		MRLV 0001, 0013, 0038	MOA01F10	\$0	(\$390,512)							
CLOSEOUT				\$2,851,000								
PROJECT: Muddy River - Cooper to Yamashita									2/13/2020	(\$290,512)	YES	MOA01H15
Design/Admin			Design Started 08/09	\$1,267,000								
Right-of-way		MRLV 0395 thru 0608	MOA01B89	\$1,141,713	\$16,982,827							
Construction				\$9,281,000								
PROJECT: Ryan Avenue to Lewis												
Design/Admin			Design Started 08/09	\$1,395,000								
Right-of-way		MRLV 0198, 0240,	MOA01B89	\$0	\$16,762,762							
Construction		0269, 0278		\$9,978,000								
SYSTEM: Mount Charleston			\$304,564	\$894,337	\$1,498,459	\$0	\$0	\$0		\$0		
PROJECT: Rainbow Canyon Boulevard Bridge												
Design/Admin				\$118,849								
Right-of-way		MTCH 0001		\$0	\$1,498,489							
Construction				\$775,488								
SYSTEM: Laughlin			\$33,124,938	\$56,328,851	\$15,596,082	\$0	\$159,081	\$0		\$0		
PROJECT: Bridge Canyon Detention Basin												
Design/Admin				\$1,110,088								
Right-of-way		LJHB 0416, 0418, 0417		\$0	\$13,503,122							
Construction				\$6,999,201								
PROJECT: Hiko Detention Basin Expansion												
Design/Admin				\$193,302		\$0	\$159,081		3/12/2020		Moved	
Right-of-way		LJHB 0244		\$0								
Construction				\$1,212,988					3/12/2020		Moved	
SYSTEM: Searchlight			\$1,411,609	\$3,224,834	\$2,727,075	\$393,272	\$736,504	\$0		\$393,272		
PROJECT: Searchlight - South, Encinitas St. Storm Drain												
CLOSEOUT			Design Started 09/10	\$173,481					2/13/2020	(\$106,728)	YES	SEA03A09
Design/Admin		SRSO 0000, 0010,	SEA03A09	\$0	(\$108,728)							
Right-of-way		0021, 0030		\$1,240,394								
Construction												
PROJECT: Searchlight - West - State Hwy 164												
Design/Admin			Design Started 19/20	\$94,709		\$495,000	\$39,020		10/10/2019	\$495,000	YES	SEA02B19
Right-of-way		SRWE 0001, 0005 & 0023	SEA02B19	\$0		\$5,000			10/10/2019	\$5,000	YES	SEA02B19
Construction				\$677,189			\$897,484					
PROJECT: Searchlight - West												
Design/Admin				\$127,721								
Right-of-way		SRWE 0049, 0088, 0091		\$0	\$1,597,298							
Construction				\$911,357								
SYSTEM: Bunkerville			\$10,212,354	\$2,958,606	\$1,581,566	\$1,581,566	\$0	\$0		\$0		
PROJECT: Jess Waite Wash Diversion Dike												
Design/Admin			Design Started 10/11	\$70,167		\$29,776						
Design/Admin		JEWA 0168	BUN01D11	\$0	\$1,591,988							
Construction				\$1,462,711		\$1,551,790						



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD ACCEPT THE FINAL ACCOUNTING REPORT AND CLOSE OUT THE INTERLOCAL CONTRACT (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** \$1,919,486.41 Release in Fund 4430 and/or 4440


**BACKGROUND:**

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

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

PROJECT	NUMBER	FUND	BALANCE
Hollywood System, Dunes S DB to Centennial Pkwy-Phase I (construction)	NLV03H17	4430.000	\$1,919,486.41
<b>Total Fund 4430 and/or 4440</b>			<b>\$1,919,486.41</b>

Respectfully submitted,

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

TAC AGENDA ITEM #06 Date: 05/28/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM #06 Date: 05/28/2020	

052820 Closeout-item

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

**FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT**

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

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

PROJECT	NUMBER	FUND	BALANCE
Hollywood System, Dunes S DB to Centennial Pkwy-Phase I (construction)	NLV03H17	4430.000	\$1,919,486.41
<b>Total – Fund 4430 and/or 4440</b>			<b>\$1,919,486.41</b>

**Staff Recommendation:**

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

**Discussion by Technical Advisory Committee:**

AGENDA  
#06 Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#06 Date: 05/28/2020

**Recommendation:**



**Clark County Regional Flood Control District**  
**Final Accounting Report**  
**Report Date 5/5/2020**



**Project:** NLV03H17, Hollywood System, Dunes S DB to Centennial Pkwy-Phase I  
**Interlocal Value:** \$13,109,000.00

<b>Funding Category</b>	<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>	<b>Construction Mgt</b>	<b>Environmental</b>	<b>Entity Costs</b>	<b>Other</b>
<b>Interlocal Funding Allocation</b>	\$0.00	\$0.00	\$0.00	\$12,290,000.00	\$819,000.00	\$0.00	\$0.00	\$0.00
<b>Amount Spent by Category</b>	\$0.00	\$0.00	\$0.00	\$10,930,589.24	\$258,924.35	\$0.00	\$0.00	\$0.00
<b>Remaining by Category</b>	\$0.00	\$0.00	\$0.00	\$1,359,410.76	\$560,075.65	\$0.00	\$0.00	\$0.00

**Funding / Expenditure Summary**

**Interlocal Agreement:** \$13,109,000.00 ✓

**Minus Amount Spent:** \$11,189,513.59 ✓

**Amount to be Returned for Future Use:** \$1,919,486.41 ✓

**ID Miles:** RWAN0000, RWAZ0000, RWHW0174, RWHW0201, RWHW0251, RWHW0277

**Concur:**

*Hula Rodriguez* 5/6/2020  
 DATE

**SIGN HERE**

**Accepted and Approved:**

**DATE**

**REVIEWED**

**By HernandezR at 3:31 pm, May 06, 2020**

-/-

## Project Audit Report

Project: RF.NLV03H17, Hollywood System, Dunes S DB to Centennial Pkwy-Phase I

Status: Open

5/5/2020

Purchase Order - 4800008676 00010



<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
CITY OF NORTH LAS VEGAS	9202	10/18/2018	8,428.58	RF.NLV03H17.3-1F - CONS	2019	Period 9/01/18 - 9/28/18
CITY OF NORTH LAS VEGAS	9321A	01/14/2019	2,369,347.38	RF.NLV03H17.3-1F - CONS	2019	NLV03H17
CITY OF NORTH LAS VEGAS	9364	02/14/2019	1,073,877.83	RF.NLV03H17.3-1F - CONS	2019	NLV03H17 FY18/19
CITY OF NORTH LAS VEGAS	9404A	03/14/2019	641,163.29	RF.NLV03H17.3-1F - CONS	2019	NLV03H17
CITY OF NORTH LAS VEGAS	9458	04/15/2019	292,847.13	RF.NLV03H17.3-1F - CONS	2019	NLV03H17-CONS
CITY OF NORTH LAS VEGAS	9488	04/23/2019	1,139,522.37	RF.NLV03H17.3-1F - CONS	2019	NLV03H17-CONS
CITY OF NORTH LAS VEGAS	9529	05/22/2019	1,145,860.49	RF.NLV03H17.3-1F - CONS	2019	NLV03H17 CONS
CITY OF NORTH LAS VEGAS	9612	06/30/2019	2,616,613.11	RF.NLV03H17.3-1F - CONS	2019	PERIOD 05/25/2019-06/21/2019
CITY OF NORTH LAS VEGAS	9747	09/10/2019	694,467.99	RF.NLV03H17.3-1F - CONS	2020	NLV03H17
CITY OF NORTH LAS VEGAS	9817	10/15/2019	194,406.72	RF.NLV03H17.3-1F - CONS	2020	NLV03H17
CITY OF NORTH LAS VEGAS	9871	11/12/2019	373,777.69	RF.NLV03H17.3-1F - CONS	2020	Period 9/01/19 - 10/25/19
CITY OF NORTH LAS VEGAS	9894	12/16/2019	138,628.29	RF.NLV03H17.3-1F - CONS	2020	Period 10/01/19 - 12/06/19
CITY OF NORTH LAS VEGAS	10018	02/11/2020	241,648.37	RF.NLV03H17.3-1F - CONS	2020	Period 11/01/19 - 1/31/20

WBS Total \$10,930,589.24

Purchase Order Total \$10,930,589.24

Purchase Order - 4800008676 00020

<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>FY</u>	<u>Memo/Text</u>
CITY OF NORTH LAS VEGAS	9025	07/10/2018	346.73	RF.NLV03H17.2-3 - CENG	2018	Period 6/09/18 - 6/22/18
CITY OF NORTH LAS VEGAS	9051	07/23/2018	882.76	RF.NLV03H17.2-3 - CENG	2019	Period 6/23/18 - 7/6/18
CITY OF NORTH LAS VEGAS	9132	08/16/2018	3,401.14	RF.NLV03H17.2-3 - CENG	2019	Period 7/7/18 - 8/3/18
CITY OF NORTH LAS VEGAS	9177	09/17/2018	9,749.46	RF.NLV03H17.2-3 - CENG	2019	Period 8/4/18 - 8/31/18
CITY OF NORTH LAS VEGAS	9202	10/18/2018	7,657.81	RF.NLV03H17.2-3 - CENG	2019	Period 9/01/18 - 9/28/18
CITY OF NORTH LAS VEGAS	9259	11/19/2018	5,269.37	RF.NLV03H17.2-3 - CENG	2019	Period 9/29/18- 10/12/18
CITY OF NORTH LAS VEGAS	9321A	01/14/2019	29,278.60	RF.NLV03H17.2-3 - CENG	2019	NLV03H17
CITY OF NORTH LAS VEGAS	9364	02/14/2019	17,932.92	RF.NLV03H17.2-3 - CENG	2019	NLV03H17 FY18/19
CITY OF NORTH LAS VEGAS	9404A	03/14/2019	16,324.88	RF.NLV03H17.2-3 - CENG	2019	NLV03H17
CITY OF NORTH LAS VEGAS	9458	04/15/2019	14,290.62	RF.NLV03H17.2-3 - CENG	2019	NLV03H17-CENG
CITY OF NORTH LAS VEGAS	9488	04/23/2019	20,089.16	RF.NLV03H17.2-3 - CENG	2019	NLV03H17-CENG
CITY OF NORTH LAS VEGAS	9498A	05/13/2019	7,266.55	RF.NLV03H17.2-3 - CENG	2019	NLV03H17 CENG
CITY OF NORTH LAS VEGAS	9529	05/22/2019	6,947.82	RF.NLV03H17.2-3 - CENG	2019	NLV03H17 CENG
CITY OF NORTH LAS VEGAS	9553	06/12/2019	7,420.01	RF.NLV03H17.2-3 - CENG	2019	NLV03H17 CENG
CITY OF NORTH LAS VEGAS	9612	06/30/2019	9,826.88	RF.NLV03H17.2-3 - CENG	2019	PERIOD 05/25/2019-06/21/2019
CITY OF NORTH LAS VEGAS	9652	07/10/2019	5,262.68	RF.NLV03H17.2-3 - CENG	2019	PERIOD 06/22/2019-07/05/2019
CITY OF NORTH LAS VEGAS	9716A	08/13/2019	14,396.61	RF.NLV03H17.2-3 - CENG	2020	NLV03H17
CITY OF NORTH LAS VEGAS	9747	09/10/2019	14,005.57	RF.NLV03H17.2-3 - CENG	2020	NLV03H17
CITY OF NORTH LAS VEGAS	9817	10/15/2019	13,033.52	RF.NLV03H17.2-3 - CENG	2020	NLV03H17



## Project Audit Report

**Project:** RF.NLV03H17, Hollywood System, Dunes S DB to Centennial Pkwy-Phase I

**Status:** Open



**5/5/2020**

CITY OF NORTH LAS VEGAS	9871	11/12/2019	16,700.98	RF.NLV03H17.2-3 - CENG	2020	Period 9/01/19 - 10/25/19
CITY OF NORTH LAS VEGAS	9894	12/16/2019	18,288.24	RF.NLV03H17.2-3 - CENG	2020	Period 10/01/19 - 12/06/19
CITY OF NORTH LAS VEGAS	9956	01/21/2020	7,306.79	RF.NLV03H17.2-3 - CENG	2020	Period 12/07/19 - 1/3/20
CITY OF NORTH LAS VEGAS	10018	02/11/2020	9,621.46	RF.NLV03H17.2-3 - CENG	2020	Period 11/01/19 - 1/31/20
CITY OF NORTH LAS VEGAS	10075	03/18/2020	2,954.83	RF.NLV03H17.2-3 - CENG	2020	Period: 02/01/2020 - 02/28/2020
CITY OF NORTH LAS VEGAS	10181	04/14/2020	668.96	RF.NLV03H17.2-3 - CENG	2020	Feb 29-March 27, 2020
WBS Total			<u>\$258,924.35</u>			
Purchase Order Total			<u>\$258,924.35</u>			
Project Expense Total			<u>\$11,189,513.59</u>	✓		

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

ESTABLISH FUNDING ALLOCATIONS FOR THE OPERATING BUDGET FOR THE LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020-2021

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD APPROVE AN INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR THE LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020-2021 (FOR POSSIBLE ACTION)

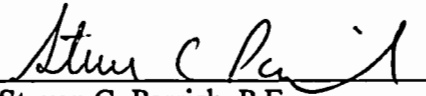
**FISCAL IMPACT:** \$86,120.00

**BACKGROUND:** On May 23, 2019, the Regional Flood Control District Board approved an interlocal agreement that established funding allocations and the budget covering fiscal year 2019-2020 for the Las Vegas Wash (Wash) activities.

To continue the stabilization and enhancement of the Wash, the Southern Nevada Water Authority has completed a budget for capital construction and operation activities for fiscal year 2020-2021. Approval of this agreement will allocate the monetary resources necessary for the Wash operating expenses among the signatories to the agreement.

The District's share of the Interlocal Agreement will be \$86,120.00. The District Attorney has reviewed the Agreement. There is sufficient funding in the Fiscal Year 2020-21 budget to support this request. Staff recommends approval of the Interlocal Agreement.

Respectfully submitted,

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

TAC AGENDA ITEM #07 Date: 05/28/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM #07 Date: 05/28/2020	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

**ESTABLISH FUNDING ALLOCATIONS FOR THE OPERATING BUDGET FOR THE LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020-2021**

On May 23, 2019, the Regional Flood Control District Board approved an interlocal agreement that established funding allocations and the budget covering fiscal year 2019-2020 for the Las Vegas Wash (Wash) activities.

To continue the stabilization and enhancement of the Wash, the Southern Nevada Water Authority has completed a budget for capital construction and operation activities for fiscal year 2020-2021. Approval of this agreement will allocate the monetary resources necessary for the Wash operating expenses among the signatories to the agreement.

The District's share of the Interlocal Agreement will be \$86,120.00. The District Attorney has reviewed the Agreement. There is sufficient funding in the Fiscal Year 2020-21 budget to support this request. Staff recommends approval of the Interlocal Agreement.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#07 Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#07 Date: 05/28/2020

**Recommendation:**

**INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020/2021**

This Interlocal Agreement is entered into by the City of Henderson; the City of Las Vegas; the City of North Las Vegas; Clark County; the Clark County Regional Flood Control District; the Clark County Water Reclamation District; and the Southern Nevada Water Authority ("Authority") comprised of Authority "Purveyor Members" (City of Henderson, City of North Las Vegas and the Las Vegas Valley Water District), and the Authority "Wastewater Discharge Members" (City of Henderson, City of Las Vegas, City of North Las Vegas and the Clark County Water Reclamation District) this \_\_\_\_\_ day of \_\_\_\_\_, 2020.

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

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

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

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

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

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

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

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

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



INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020/2021

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

WHEREAS, that Sales Tax Allocation Cooperative Agreement provided that four percent (4%) of the gross revenue from the  $\frac{1}{4}$  cent sales tax provided for by NRS Chapter 377B would be allocated to capital improvements and infrastructure needs in the Las Vegas Wash, and

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

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

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

WHEREAS, a Workplan and estimated budget for the Las Vegas Wash construction and operation has been established by the Authority for fiscal year 2020/2021; and

WHEREAS, Authority Purveyor members will pay 40% of the total operating budget (or \$344,481) to be paid from the revenues derived from the water wholesale delivery charge; and

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

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

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

**INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF  
NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL  
DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA  
WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS  
VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020/2021**

**Section 1: Capital Improvements Budget**

It is agreed that the budget for capital improvements and associated activities for 2020/2021 are included in the Project Work Plan of the Amended Las Vegas Wash Capital Improvements Plan. The Project Work Plan includes funding for design and construction activities related to channel stabilization structures, revegetation of disturbed construction sites, flood repair, construction equipment rental, and construction materials transportation.

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

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

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

**Section 2: Operating Budget**

It is agreed by the parties hereto that the total operating budget for the Authority's Las Vegas Wash activities for fiscal year 2020/2021 is estimated to be \$1,172,701. It is anticipated that there will be federal funding from the Bureau of Reclamation available to augment the parties' contributions. Said federal funding is estimated to be approximately \$275,000. Additional grants from the Nevada Division of Environmental Protection are anticipated to augment the operating budget in the amount of \$36,500. This will leave \$861,201 of the total operating budget to be provided locally (referred to herein as the "local share"). Additionally, it is anticipated that the Authority's purveyor members will contribute \$344,481 or 40% of the local share; however, the purveyor members' contribution is not governed by this agreement. The parties hereto agree, therefore, that \$516,720 or 60% of the local share of the total operating budget must be paid by the parties hereto. Contained in Attachment A is the Work Plan and Operating Budget Narrative outlining the anticipated administration costs as well as programs and study costs for the 2020/2021 fiscal year.

**a) Funding of Local Share:**

It is hereby agreed by the parties that the following allocation ratios and funding sources are established as binding for the purpose of funding the local share or \$861,201 of the total operating budget for the Las Vegas Wash for fiscal year 2020/2021:

- i) Authority Purveyor Members acknowledge that the Authority shall pay 40% (\$344,481) of the local share using revenues derived from the water wholesale delivery charges paid to the Authority by the Authority Purveyor Members.**

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020/2021

- ii) Authority "Wastewater Discharge Members" shall pay 40% (\$344,481) of the local share as follows:

The City of Henderson, as a discharger, will be responsible for payment of 12.6% of the \$344,481 or \$43,405;

The Clark County Water Reclamation District will be responsible for 55.2% of the \$344,481, or \$190,153;

The City of Las Vegas will be responsible for 22.9% of the \$344,481, or \$78,886;

The City of North Las Vegas will be responsible for 9.3% of the \$344,481, or \$32,037.

- iii) Clark County will pay 10% of the local share (\$86,120).

- iv) Clark County Regional Flood Control District will pay 10% of the local share (\$86,120).

**Section 3: Payments**

Payments will be made by the respective parties hereto as specified in Section 2 into a fund established specifically for the operations of the Las Vegas Wash projects for fiscal year 2020/2021 within 30 days of approval by all governmental bodies.

**Section 4: Effective Date**

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

**Section 5: Severability**

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

**Section 6: Governing Law**

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



**INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020/2021**

**Section 7: Third Party Beneficiaries**

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

**Section 8: One Time Agreement**

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

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**INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF  
NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL  
DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA  
WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS  
VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020/2021**

**SOUTHERN NEVADA WATER AUTHORITY**

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

Approved as to form:

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

\_\_\_\_\_  
Steven C. Anderson, Deputy Council

Attest:

**CITY OF LAS VEGAS**

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

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

Approved As to Form:

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

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

INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF  
NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL  
DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA  
WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS  
VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020/2021

**CITY OF HENDERSON**

\_\_\_\_\_  
RICHARD A. DERRICK  
City Manager/CEO

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

ATTEST:

APPROVED AS TO FUNDING:

\_\_\_\_\_  
SABRINA MERCADANTE, MMC  
City Clerk

\_\_\_\_\_  
JIM MCINTOSH  
Chief Financial Officer

APPROVED AS TO CONTENT:

APPROVED AS TO FORM:

\_\_\_\_\_  
PRISCILLA HOWELL  
Director of Utility Services

\_\_\_\_\_  
NICHOLAS G. VASKOV  
City Attorney

\_\_\_\_\_  
CAO  
Review

Attest:

**CITY OF NORTH LAS VEGAS**

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

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

Approved As to Form:

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

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



INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF  
NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL  
DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA  
WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS  
VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020/2021

**CLARK COUNTY WATER RECLAMATION  
DISTRICT**

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

Approved As To Form:

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

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

Attest:

**CLARK COUNTY**

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

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

Approved As To Form:

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

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

**INTERLOCAL AGREEMENT AMONG THE CITY OF HENDERSON, CITY OF LAS VEGAS, CITY OF  
NORTH LAS VEGAS, CLARK COUNTY, CLARK COUNTY REGIONAL FLOOD CONTROL  
DISTRICT, CLARK COUNTY WATER RECLAMATION DISTRICT, AND THE SOUTHERN NEVADA  
WATER AUTHORITY TO ESTABLISH FUNDING ALLOCATIONS AND THE BUDGET FOR LAS  
VEGAS WASH ACTIVITIES IN FISCAL YEAR 2020/2021**

**Attest:**

**CLARK COUNTY REGIONAL FLOOD  
CONTROL DISTRICT**

\_\_\_\_\_  
**Deanna M. Hughes, Board Secretary**

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

**Approved As To Form:**

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

\_\_\_\_\_  
**Christopher D. Figgins, Clark County  
Chief Deputy District Attorney**

**Attachment A**  
**Work Plan and Operating Budget Narrative**  
**FY 2020/2021**

**MATERIALS, SUPPLIES, EQUIPMENT – TOTAL \$60,157**

Funding in the amount of \$60,157 is requested for general office support items including office supplies, printing, safety supplies, dues for professional organizations, and subscriptions/publications.

**OFFICE LEASE – TOTAL \$54,740**

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

**SALARIES AND BENEFITS – TOTAL \$626,304**

Funding in the amount of \$626,304 is requested for salaries and benefits to support Las Vegas Wash Project Coordination Team staff.

**RESEARCH AND STUDIES PROJECTS – TOTAL \$431,500 (LOCAL CONTRIBUTION \$120,000)**

The total research and studies budget is \$431,500. Of this, the local contribution is \$120,000, with the remaining budget anticipated to come from federal and local grants. These projects include a variety of activities and studies to meet the tasks identified in the LVWCAMP and to meet state and federal environmental compliance requirements.

<b>Budgeted Items</b>	<b>Amount</b>
Materials, Supplies, Equipment	\$60,157
Office Lease	\$54,740
Salaries and Benefits	\$626,304
Research and Studies Projects	\$431,500
<b>TOTAL FY 20/21 BUDGET</b>	<b>\$1,172,701</b>
BUREAU OF RECLAMATION CONTRIBUTION	\$275,000
OTHER CONTRIBUTION/GRANTS	\$36,500
LOCAL CONTRIBUTION	\$861,201



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT COMPLIANCE FOR THE LAS VEGAS VALLEY – CONSULTANT AGREEMENT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**


THAT THE BOARD APPROVE AND AUTHORIZE THE CHAIR TO SIGN THE CONSULTANT AGREEMENT WITH HDR ENGINEERING INC., FOR THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT COMPLIANCE FOR THE LAS VEGAS VALLEY (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** \$443,657

**BACKGROUND:**

The Las Vegas Valley stormwater dischargers (Permittees) have operated under a state issued National Pollutant Discharge Elimination System (NPDES) Permit since December 1990. The current permit was issued on February 9, 2010. On June 8, 2017, the Board authorized the District to solicit proposals, select a consultant, and negotiate a professional services agreement for consulting services to assist the Permittees in developing and implementing the stormwater program and negotiating a new permit with the Nevada Division of Environmental Protection (NDEP). It was determined that HDR Engineering, Inc. had the minimum qualifications to perform the required services and provided the best overall approach to implementing the program and permit. HDR Engineering, Inc. has capably and effectively represented the District for completion of compliance activities since the 2017-18 permit year. The 2020-21 fiscal year budget includes sufficient appropriations for this agreement, which is included in the backup. The District Attorney has reviewed the agreement.

Respectfully submitted,

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

TAC AGENDA ITEM #08 Date: 05/28/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM #08 Date: 05/28/2020	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	<b>Date: 05/18/2020</b>
<b>NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT COMPLIANCE FOR THE LAS VEGAS VALLEY CONSULTANT AGREEMENT</b>	
<p>The Las Vegas Valley stormwater dischargers (Permittees) have operated under a state issued National Pollutant Discharge Elimination System (NPDES) Permit since December 1990. The current permit was issued on February 9, 2010. On June 8, 2017, the Board authorized the District to solicit proposals, select a consultant, and negotiate a professional services agreement for consulting services to assist the Permittees in developing and implementing the stormwater program and negotiating a new permit with the Nevada Division of Environmental Protection (NDEP). It was determined that HDR Engineering, Inc. had the minimum qualifications to perform the required services and provided the best overall approach to implementing the program and permit. HDR Engineering, Inc. has capably and effectively represented the District for completion of compliance activities since the 2017-18 permit year. The 2020-21 fiscal year budget includes sufficient appropriations for this agreement, which is included in the backup. The District Attorney has reviewed the agreement.</p> <p>The District Attorney has reviewed the agreement.</p>	
<b>Staff Recommendation:</b>  Approve.	
<b>Discussion by Technical Advisory Committee:</b>	<b>AGENDA #08 Date: 05/28/2020</b>
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	<b>AGENDA #08 Date: 05/28/2020</b>
<b>Recommendation:</b>	

**AGREEMENT FOR PROFESSIONAL SERVICES  
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT  
AND  
HDR ENGINEERING, INC.  
LAS VEGAS VALLEY NATIONAL POLLUTANT DISCHARGE  
ELIMINATION SYSTEM PERMIT**

THIS AGREEMENT is made and entered into this \_\_\_\_\_th day of \_\_\_\_\_, 2020 by and between the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT (hereinafter referred to as "DISTRICT") and HDR ENGINEERING, INC. (hereinafter referred to as "CONSULTANT"), for the Las Vegas Valley National Pollutant Discharge Elimination System Permit (hereinafter referred to as the "PROJECT").

**WITNESSETH**

**WHEREAS**, National Pollutant Discharge Elimination System (NPDES) Permit No. NV0021911 has been issued by the State of Nevada Division of Environmental Protection (NDEP) for the discharge of stormwater to Las Vegas Wash and its tributaries, and

**WHEREAS**, the DISTRICT is a co-permittee for this permit with the City of Las Vegas, the City of North Las Vegas, the City of Henderson and Clark County, and

**WHEREAS**, the NPDES Permit requires the permittees to provide additional technical and administrative information to NDEP by October 1, 2021 and at other times during the permit year; and

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

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



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

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

## **Section I**

### **RESPONSIBILITY OF CONSULTANT**

- A. The CONSULTANT shall be responsible for the professional quality, technical accuracy, timely completion, and coordination of all services furnished by the CONSULTANT, its subcontractors and subconsultants and their principals, officers, 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 negligent acts, 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 engineering field.

### **Section III**

#### **CONSULTANT SERVICES**

- A. The CONSULTANT shall perform Task 1 through Task 6 including services discussed in the "Basic Services" as specified in Exhibit A (the Scope of Services), which is attached hereto, and by this reference made a part of this AGREEMENT. Exhibit B, the Project Study Area, and Exhibit C, the Project Time Schedule, are attached hereto and by this reference are also made a part of this AGREEMENT.
- B. The DISTRICT may at any time, by written order, make changes within the general scope of this AGREEMENT and in the services or work to be performed by the CONSULTANT. If such changes cause an increase or decrease in the CONSULTANT's cost or time required for performance of any services under this AGREEMENT, an equitable adjustment shall be made and this AGREEMENT shall be

modified in writing accordingly. Any claim of the CONSULTANT for adjustment under this clause must be asserted in writing within 30 days from the date of receipt by the CONSULTANT of notification of changes unless the DISTRICT grants a further period of time before the date of final payment under this AGREEMENT.

- C. No services for which any additional compensation will be charged by the CONSULTANT shall be furnished without the written authorization of the DISTRICT.

## **Section IV**

### **COMPENSATION AND TERMS OF PAYMENT**

- A. Once each month, the DISTRICT shall pay the CONSULTANT for services performed under Section III – Consultant Services. Invoices are prepared and submitted on a monthly basis and are due upon receipt. Payment is past due thirty (30) days from the invoice date. In the event the DISTRICT fails to make any payments, the CONSULTANT may cease work immediately until payment for the invoice and service charge is made. An additional charge at the rate of 1 ½ percent per month will be charged against invoices that are past due.
- B. Compensation and Method of Payment for Engineering Services are:
1. The DISTRICT shall pay the CONSULTANT on a time and materials basis under the CONSULTANT'S Fee Schedule, which is attached hereto as Exhibit D and by this reference made a part of this AGREEMENT.
  2. The maximum cost to the DISTRICT for Basic Services Task 1 through Task 6 including services discussed in Project Description accomplished under this AGREEMENT shall not exceed Four Hundred Forty-Three Thousand Six Hundred Fifty-Seven Dollars and zero cents (\$443,657) 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 Four Hundred Forty-Three Thousand Six Hundred Fifty-Seven Dollars and zero cents (\$443,657). Payments will be made to the CONSULTANT on a monthly basis upon receipt of a progress report and itemized invoices for work accomplished.

3. The total amount of this AGREEMENT shall not exceed Four Hundred Forty-Three Thousand Six Hundred Fifty-Seven Dollars and zero cents (\$443,657), 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 457 calendar days from Notice to Proceed.

- B. The DISTRICT and CONSULTANT recognize the scope of work as detailed in Exhibit A – Scope of Services and as outlined in Exhibit C – Project Time Schedule can be altered by unforeseen events that may occur. Therefore, a supplement to this AGREEMENT will be prepared, negotiated, and executed when the CONSULTANT establishes, and the DISTRICT agrees, that there has been, or is to be a significant change, including but not limited to:



1. Scope, complexity, or character of the services to be performed such as additional meetings and coordination over those identified in Exhibit A, analysis of additional alternatives, or preparation of additional reports.
  2. Conditions under which the work is required to be performed, such as a change in standards or a change in available base data that would require additional work.
  3. Duration of work if the time period for completion of the work warrants such adjustment.
- C. An alteration required by the DISTRICT that results in changes in the scope of work will also be specified in a supplemental AGREEMENT that will set forth the nature and scope thereof and payment therefore.
- D. Neither party shall be considered in default in the performance of its obligations hereunder, or any of them, to the extent that performance of such obligations, or any of them is prevented or delayed by any cause, existing or future, which is beyond the reasonable control of such party. Delays arising from the actions or inactions of one or more of the CONSULTANT's principals, officers, employees, agents, subcontractors, subconsultants, vendors, or suppliers are expressly recognized to be within the CONSULTANT's control.
- E. This AGREEMENT shall begin on July 1, 2020 and terminate on October 1, 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 and a reasonable opportunity to cure 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, employees and agents 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 to the extent that are caused by the negligent acts, 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, employees and agents of the DISTRICT, and each of them, from and against any and all liabilities, damages, losses, claims, actions or proceedings to the extent caused by the negligent acts, 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, officers or agents 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, officers or agents of the DISTRICT.

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

The CONSULTANT will provide the DISTRICT with certificates of insurance for coverage as listed below and endorsements, establishing coverage required by the



AGREEMENT within ten (10) calendar days after approval of this AGREEMENT by the DISTRICT's Board. The certificate of endorsements for each insurance policy are to be signed by a person authorized by the insurer and licensed by the State of Nevada.

The CONSULTANT will:

1. Maintain commercial general liability coverage at limits of no less than \$1,000,000 combined single limit per occurrence and \$1,000,000 annual aggregate for bodily injury (including death), personal injury and property damages. The coverage shall be on an "occurrence" basis only and not on a "claims made" basis; and the coverage must be provided on ISO commercial liability or on ISO broad form comprehensive general liability forms with no exceptions to the coverage for bodily injury, personal injury, broad form property damages, premises operations, severability of interest, products and completed operations, contractual and independent contractors. The DISTRICT, its officers, and employees must be expressly covered as additional insureds.
2. Maintain automobile coverage at limits of no less than \$1,000,000 combined single limit "per accident" for bodily injury and property damage for all owned automobiles, non-owned automobiles, hired automobiles, or any automobile. The DISTRICT, its officers, and employees, and volunteers must be expressly covered as additional insureds.
3. Maintain professional liability insurance at limits of no less than \$1,000,000 per claim and \$1,000,000 annual aggregate to insure against claims for losses arising out of the services rendered by the CONSULTANT, its agents, representatives, or employees pursuant to the CONSULTANT's AGREEMENT with the DISTRICT. "Claims made" insurance coverage will continue for a period of three (3) years beyond the term of the AGREEMENT. Any retroactive date must coincide with or predate the date of the AGREEMENT and may not be advanced without the DISTRICT's consent. The CONSULTANT's professional liability insurance must provide coverage for the CONSULTANT's subcontractor if the

subcontractor does not maintain professional liability insurance in the same amounts and manner as required for the CONSULTANT.

All deductibles and self-insured retention shall be fully disclosed in the certificate of insurance. No deductible of self-insured retention may exceed \$250,000 for commercial general liability, \$250 for automobile, or \$250,000 for professional liability without the written approval of the DISTRICT. If aggregate limits are imposed on bodily injury and property damage, then the amount of such limits must not be less than twice the amount of the limits required herein. All aggregate must be fully disclosed and the amount entered on the required certificate of insurance. Any notice given to the CONSULTANT with respect to exhaustion of limits of insurance shall also be sent to the DISTRICT. The adequacy of the insurance supplied by the CONSULTANT, including the rating and financial health of each insurance company providing coverage, is subject to the approval of the DISTRICT.

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

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

6. The insurance certificate supplied by the CONSULTANT must provide for a 30-day notice to the DISTRICT before the implementation of a proposal to cancel the required insurance coverage. This notice requirement does not waive the insurance requirements contained herein. In addition, CONSULTANT shall notify DISTRICT within thirty (30) days of any reduction in coverage or limits.

7. If the CONSULTANT fails to maintain any of the insurance coverage required herein, then the DISTRICT will have the option to either terminate the AGREEMENT; declare the CONSULTANT in breach; purchase replacement insurance; or pay the premiums that are due on existing policies in order that the required coverage may be maintained. The CONSULTANT is responsible for any expenses paid by the DISTRICT to maintain such insurance, and the DISTRICT may collect the same from the CONSULTANT or deduct the amount paid from any sums due the CONSULTANT under this AGREEMENT.

8. The CONSULTANT shall obtain the required insurance prior to commencement of services being performed.

I. Project Staffing

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

J. Governing Law

Nevada law shall govern the interpretation of this AGREEMENT.

K. Notice

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

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



To CONSULTANT: HDR Engineering, Inc.

6750 Via Austi Parkway, Suite 350

Las Vegas, NV 89119

Attention: Angela MacKinnon, PE, PMP, CPSWQ

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

HDR ENGINEERING, INC.

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Craig Smart, PE  
Managing Principal

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**

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#### **LAS VEGAS VALLEY NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT**

##### **HDR ENGINEERING, INC. (CONSULTANT)**

###### **Task 1 – Dry Weather Monitoring**

- a) **Dry Weather Monitoring.** Consultant will coordinate with the Southern Nevada Water Authority (SNWA) regarding dry weather monitoring. Sample collection, laboratory analysis and data interpretation will be performed by SNWA as part of the Urban Tributary Water Quality Monitoring Program. Consultant will integrate the results of the Urban Tributary Program with the requirements of the NPDES stormwater permit.
- b) **Dry Weather Monitoring Report.** Consultant will prepare a section for the Annual Report summarizing the findings of the dry weather characterization monitoring program. This report section will compare dry weather water quality data to that collected in previous years and will identify sources of dry weather flows to the extent practical. It will also document other dry weather flow monitoring activities in the Las Vegas Valley conducted by other agencies.

###### **Task 2 – Wet Weather Monitoring**

- a) **Monitoring Plan.** Consultant will prepare a wet weather monitoring plan annually, based on the latest Las Vegas Valley wet weather monitoring program and the results of the analyses from previous years. It is assumed that automated samplers at or near the existing sites will be used. The final plan will be submitted to the Nevada Division of Environmental Protection (NDEP) for approval.
- b) **Stormwater Monitoring Equipment.** Consultant, with cooperation from District staff, will inspect the District-owned automated sampling equipment on a routine basis and replace minor equipment elements (e.g., batteries, hoses, bottles) as necessary due to damage or vandalism. Monitoring stations will be relocated if necessary to accommodate construction in the channels.
- c) **Sample Collection.** Wet weather characterization monitoring activities will consist of collecting samples from various storms at 2 sites on the Las Vegas Wash. Additional samples may be collected at these two sites or at new sites if directed by the District and if budget is available. Activities in this task may include collecting and preparing composite samples from the automated samplers, as well as collecting manual grab samples for certain constituents (e.g., bacteria). Samples will be prepared properly and shipped to the laboratory(s) in accordance with the adopted Quality Assurance Program. Coordination with other agencies performing similar collection activities will be encouraged to minimize duplication of efforts and consistency among sampling results.



- d) **Wet Weather Monitoring Report.** Consultant will prepare a task report summarizing the results of the wet weather monitoring program. This will include an evaluation of the sampling results, and recommendations for modifications to the program in subsequent years. Results will be compared to those of previous years and those from other parts of the country and will be reported as a section of the Annual Report.

### **Task 3 – Annual and Quarterly Reporting**

- a) **Quarterly Reports.** Consultant will assist in the preparation of quarterly reports for submission to the Stormwater Quality Management Committee (SQMC) summarizing progress made in permit compliance during the previous quarter.
- b) **Draft Annual Report.** Consultant will prepare a draft Annual Report, incorporating the individual task reports described above. This will meet the annual reporting requirements for the stormwater discharge permit and will include any proposed changes to the current stormwater management or monitoring plans.
- c) **Final Annual Report.** Consultant will incorporate comments on the Draft Annual Report from the Permittees and other reviewers and prepare a Final Annual Report ready for submittal to NDEP.

### **Task 4 – Stormwater Quality Management Committee and Related Activities**

- a) **Meeting Organization.** Consultant will assist in organizing SQMC meetings and other meetings as directed by the District. This may include preparation and distribution of agendas and meeting minutes.
- b) **Permittee Assistance.** Consultant will provide general assistance and consultation to the Permittees in meeting their obligations under the NPDES stormwater discharge permit and in dealing with general stormwater quality issues in the Las Vegas Valley.

### **Task 5 – Negotiation of New Permit and Update of the Stormwater Management Plan (SWMP)**

- a) Consultant will assist the District and the Permittees in negotiating the new NPDES permit for the Las Vegas Valley with NDEP. Assistance may consist of supporting SQMC and other meetings and technical studies to support decisions related to potential permit provisions.
- b) Consultant will prepare any necessary updates to the SWMP as required by the negotiated permit. The SWMP provides a framework for overall compliance with the municipal stormwater permit and NPDES permit. Draft SWMP revisions will be developed in close coordination with the Permittees and other outside stakeholders.

Consultant will prepare the following SWMP report deliverables:

- i) Working Draft for use by the Permittees
  - ii) Review Draft for submission to NDEP and local agencies
  - iii) Draft for review by stakeholders and elected officials
  - iv) Final Draft for submission to NDEP and the Permittees
- c) Consultant will update ongoing technical studies required to support preparation of the SWMP, and conduct new studies and prepare technical reports if required. Results of technical studies will be summarized in technical memoranda.
- d) Consultant will assist the Permittees in obtaining input on draft versions of the SWMP from other local agencies, the general public, and other interested stakeholders. Local agencies may include the SNWA, Southern Nevada Health District, Southern Nevada Homebuilders Association, and others.

#### **Task 6 – Implementation of Effective Stormwater Management Plan**

Consultant will conduct specific activities required by the August 2011 Storm Water Management Plan and addenda and updates, and permit as described below:

- a) Legal authority. Assist the Permittees in addressing deficiencies in legal authority to implement aspects of applicable stormwater ordinances and regulations. Research ordinances adopted by other municipalities to address applicable stormwater issues. Consultant will assist with information exchange though will not be providing legal advice.
- b) Stormwater System Maps. Update stormwater system map based on construction of new facilities and new development.
- c) Monitoring Program. Review and analyze new data collected under Tasks 1 and 2. Update the monitoring program (sampling locations, frequency, methods, constituents) for wet and dry weather water quality characterization and other monitoring activities to support BMP evaluations or target problem issues as necessary and funded.
- d) Public outreach and education. Provide general support to public outreach and education activities conducted by the District and the Permittees and provide input to and review of public outreach and education materials such as videos, brochures, flyer, and website material.
- e) Structural and source control measures. Work with the Permittees to implement standardized tracking/reporting procedures for street sweeping and maintenance of catch basins, inlets, storm drains and channels, participate in workgroup meetings as necessary and perform studies and designs as directed and budgeted.
- f) Illicit discharge detection and elimination program. Consultant will assist Permittees as requested to train municipal maintenance staffs to identify and report potential stormwater quality problems in the field during their normal work activities as needed. As requested, Consultant may also assist Permittees in conducting semi-annual inspections of channels

and detention basins and assemble and summarize semi-annual inspections reports prepared by the Permittees.

- g) Industrial facility monitoring and control program. Consultant will provide an updated map and database of industrial facilities covered by the NPDES permit, including municipal landfills; hazardous waste treatment, disposal and recovery facilities; SARA Section 313, Title III facilities; and industrial facilities that the Permittees have determined could contribute substantial pollutant loads to the MS4 system as identified by the Permittees. Consultant will also assist the Permittees in developing materials for training programs, developing criteria used to identify industrial sites that could contribute a substantial pollutant load to the MS4, summarize potential industrial site problem areas and report on industrial site inspection activities conducted by the Permittees.
- h) Construction site BMP program. Consultant will report on construction site inspection activities (reports, database) conducted by the Permittees, assist with the preparation of contractor education and training materials and assist the Permittees in implementing an ongoing contractor training program.
- i) New Development and Significant Redevelopment Analysis and Pollutant Tracking. Consultant will prepare a GIS analysis depicting areas of new development and significant redevelopment for inclusion in the Annual Report. Consultant will also track new development compared to the water quality capture volume (WQCV) obtained from the water quality features in new and modified detention basins in the Las Vegas Valley pursuant to Technical Memorandum IV.16 Strategic Plan for the Use of Regional Detention Basins for Water Quality Management.
- j) General services. Consultant will perform any other research or studies as directed and funded by the District to support implementation of the SWMP activities.



## **EXHIBIT B**

### **PROJECT STUDY AREA**

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The basic project study area consists of all of Las Vegas Valley upstream of Lake Mead, including the Cities of Las Vegas, North Las Vegas and Henderson and portions of Unincorporated Clark County.

## **EXHIBIT C**

### **PROJECT TIME SCHEDULE**

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Task 1 – Dry Weather Monitoring	July 1, 2020 – June 30, 2021
Task 2 – Wet Weather Monitoring	July 1, 2020 – June 30, 2021
Task 3 – Annual and Quarterly Reporting	July 1, 2020 – October 1, 2021
Task 4 – SQMC and Related Activities	July 1, 2020 – June 30, 2021
Task 5 – Negotiation of New Permit/ SWMP	July 1, 2020 – June 30, 2021
Task 6 – Implementation of Effective SWMP	July 1, 2020 – June 30, 2021

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

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<b>Classification</b>	<b>HOURLY SALARY RANGES</b>
Principal/Senior Technical Advisor	\$70.00 to \$88.00
Technical Advisor	\$50.00 to \$88.00
Senior Project Manager	\$45.00 to \$84.00
Project Manager	\$35.00 to \$65.00
Supervising Professional/Task Leader	\$35.00 to \$60.00
Senior Professional	\$30.00 to \$50.00
Professional II	\$25.00 to \$40.00
Professional I	\$15.00 to \$35.00
Project Controller	\$15.00 to \$40.00
Administrative Assistant	\$13.00 to \$35.00

The above hourly rates shall be multiplied by 3.3 which includes Salary Cost, Overhead and a Fixed Fee. Actual cost of outside, expenses, and subconsultant services will be charged at actual cost plus 10% service charge. Mileage will be billed at the Federal rate.



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

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**BASIC SERVICES**

Task 1 – Dry Weather Monitoring	\$ 7,979.00
Task 2 – Wet Weather Monitoring	\$121,933.00
Task 3 – Annual and Quarterly Reporting	\$ 35,292.00
Task 4 – Stormwater Quality Management Committee and Related Activities	\$ 32,230.00
Task 5 – Negotiation of New Permit and Update of the Stormwater Management Plan	\$139,722.00
Task 6 – Implementation of Effective Stormwater Management Plan	<u>\$106,501.00</u>
<b>SUBTOTAL – BASIC SERVICES</b>	<b>\$443,657.00</b>
<b>TOTAL SERVICES</b>	<b><u>\$443,657.00</u></b>

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

RATIFY GRANT AGREEMENT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

RATIFY AN AGREEMENT BETWEEN THE NEVADA DIVISION OF ENVIRONMENTAL PROTECTION AND THE REGIONAL FLOOD CONTROL DISTRICT TO FUND THE DEVELOPMENT OF SITE-SPECIFIC CRITERIA FOR SELENIUM IN THE LAS VEGAS WASH (FOR POSSIBLE ACTION)

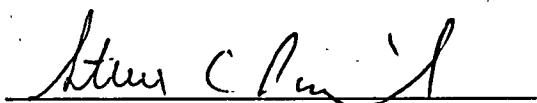
**FISCAL IMPACT:** The District will receive \$50,000 pursuant to the Grant Agreement.

**BACKGROUND:**

In May of 2019, the Nevada Division of Environmental Protection (NDEP) published a notice of intent to revise various water quality standards for the Las Vegas Wash. The proposed standards included establishing statewide criteria for selenium based on guidance from the U.S Environmental Protection Agency. Under current conditions, portions of the Las Vegas Wash would be in non-compliance with the new statewide selenium criteria. After discussion with various stakeholders in Southern Nevada, NDEP agreed to delay the establishment of a new selenium standard for the Las Vegas Wash until December 31, 2023 or until site-specific criteria for the Las Vegas Wash can be developed. On May 21, 2020 the Board approved a funding agreement with the Southern Nevada Water Authority that allows for reimbursement of costs associated with the development of the site-specific standards.

The NDEP has awarded a sub-grant in the amount of \$50,000 of federal financial assistance to the District to help off-set the costs associated with developing site-specific criteria for the Las Vegas Wash and tributaries. The agreement is attached. The District Attorney has reviewed the agreement.

Respectfully Submitted,



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

TAC AGENDA ITEM #09 Date: 05/28/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM #09 Date: 05/28/2020	

**SUBGRANT AGREEMENT  
CONTROL #DEPS 20-072**

A Subgrant awarded by:

Department of Conservation and Natural Resources, Division of Environmental Protection  
901 S. Stewart Street, Carson City, NV 89701-5249  
Phone: (775) 687-4670 Fax: (775) 687-5856

and awarded to Subgrantee:

Clark County Regional Flood Control District  
600 S. Grand Central Pkwy, Suite 300  
Las Vegas, NV 89106

hereinafter the "Subgrantee"

WHEREAS, 40 CFR Part 31.37, NRS 445A.265 and NRS 445A.450 authorize the Division of Environmental Protection to award subgrants of federal financial assistance to local governments for the purposes set forth in authorizing statutes; and

WHEREAS, it is deemed that the project purposes hereinafter set forth are consistent with the federal grant agreement that provides support of the subgrant;

NOW, THEREFORE, in consideration of the aforesaid premises, the parties mutually agree as follows:

1. **REQUIRED APPROVAL.** This Subgrant shall not become effective until and unless approved by appropriate official action of the governing body of each party.

2. **DEFINITIONS.** "State" means the State of Nevada and any state agency identified herein, its officers, employees and immune contractors as defined in NRS 41.0307.

3. **SUBGRANT TERM.** This Subgrant shall be effective from Nevada Division of Environmental Protection Administrator's Approval to September 30, 2020, unless sooner terminated by either party as set forth in this Subgrant.

4. **TERMINATION.** This Subgrant may be terminated by either party prior to the date set forth in paragraph (3), provided that a termination shall not be effective until 30 days after a party has served written notice upon the other party. This Subgrant may be terminated by mutual consent of both parties or unilaterally by either party without cause. The parties expressly agree that this Subgrant shall be terminated immediately if for any reason federal and/or State Legislature funding ability to satisfy this Subgrant is withdrawn, limited, or impaired.

5. **NOTICE.** All notices or other communications required or permitted to be given under this Subgrant shall be in writing and shall be deemed to have been duly given if delivered personally in hand, by telephonic facsimile with simultaneous regular mail, or mailed certified mail, return receipt requested, postage prepaid on the date posted, and addressed to the other party at the address set forth above.

6. **INCORPORATED DOCUMENTS.** The parties agree that the services to be performed shall be specifically described; this Subgrant incorporates the following attachments in descending order of constructive precedence:

ATTACHMENT A: SCOPE OF WORK (consisting of 5 pages)



ATTACHMENT B: NDEP ADDITIONAL TERMS & CONDITIONS (consisting of 4 pages)

7. **CONSIDERATION.** Public Agency agrees to provide the services set forth in paragraph (6) at a cost of \$N/A per N/A with the total Subgrant or installments payable: quarterly, not exceeding \$50,000.00. Any intervening end to a biennial appropriation period shall be deemed an automatic renewal (not changing the overall Subgrant term) or a termination as the results of legislative appropriation may require.

8. **ASSENT.** The parties agree that the terms and conditions listed on incorporated attachments of this Subgrant are also specifically a part of this Subgrant and are limited only by their respective order of precedence and any limitations expressly provided.

9. **INSPECTION & AUDIT.**

a. **Books and Records.** Each party agrees to keep and maintain under general accepted accounting principles full, true and complete records, agreements, books, and documents as are necessary to fully disclose to the State or United States Government, or their authorized representatives, upon audits or reviews, sufficient information to determine compliance with all state and federal regulations and statutes.

b. **Inspection & Audit.** Each party agrees that the relevant books, records (written, electronic, computer related or otherwise), including but not limited to relevant accounting procedures and practices of the party, financial statements and supporting documentation, and documentation related to the work product shall be subject, at any reasonable time, to inspection, examination, review, audit, and copying at any office or location where such records may be found, with or without notice by the State Auditor, Employment Security, the Department of Administration, Budget Division, the Nevada State Attorney General's Office or its Fraud Control Units, the State Legislative Auditor, and with regard to any federal funding, the relevant federal agency, the Comptroller General, the General Accounting Office, the Office of the Inspector General, or any of their authorized representatives.

c. **Period of Retention.** All books, records, reports, and statements relevant to this Subgrant must be retained a minimum three years from the date of final payment by the State to the Public Agency, and all other pending matters are closed. Retention time shall be extended when an audit is scheduled or in progress for a period reasonably necessary to complete an audit and/or to complete any administrative and judicial litigation which may ensue.

10. **BREACH; REMEDIES.** Failure of either party to perform any obligation of this Subgrant shall be deemed a breach. Except as otherwise provided for by law or this Subgrant, the rights and remedies of the parties shall not be exclusive and are in addition to any other rights and remedies provided by law or equity, including but not limited to actual damages. If the court awards reasonable attorney's fees to the prevailing party, reasonable shall be deemed \$125 per hour.

11. **LIMITED LIABILITY.** The parties will not waive and intend to assert available NRS chapter 41 liability limitations in all cases. Subgrant liability of both parties shall not be subject to punitive damages. Actual damages for any State breach shall never exceed the amount of funds which have been appropriated for payment under this Subgrant, but not yet paid, for the fiscal year budget in existence at the time of the breach.

12. **FORCE MAJEURE.** Neither party shall be deemed to be in violation of this Subgrant if it is prevented from performing any of its obligations hereunder due to strikes, failure of public transportation, civil or military authority, act of public enemy, accidents, fires, explosions, or acts of God, including, without limitation, earthquakes, floods, winds, or storms. In such an event the intervening cause must not be through the fault of the party asserting such an excuse, and the excused party is obligated to promptly perform in accordance with the terms of the Subgrant after the intervening cause ceases.

13. **INDEMNIFICATION.**

- a. To the fullest extent of limited liability as set forth in paragraph (11) of this Subgrant, each party shall indemnify, hold harmless and defend, not excluding the other's right to participate, the other from and against all liability, claims, actions, damages, losses, and expenses, including but not limited to reasonable attorneys' fees and costs, arising out of any alleged negligent or willful acts or omissions of the party, its officers, employees and agents. Such obligation shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of indemnity which would otherwise exist as to any party or person described in this paragraph.
- b. The indemnification obligation under this paragraph is conditioned upon receipt of written notice by the indemnifying party within 30 days of the indemnified party's actual notice of any actual or pending claim or cause of action. The indemnifying party shall not be liable to hold harmless any attorneys' fees and costs for the indemnified party's chosen right to participate with legal counsel.

14. INDEPENDENT PUBLIC AGENCIES. The parties are associated with each other only for the purposes and to the extent set forth in this Subgrant, and in respect to performance of services pursuant to this Subgrant, each party is and shall be a public agency separate and distinct from the other party and, subject only to the terms of this Subgrant, shall have the sole right to supervise, manage, operate, control, and direct performance of the details incident to its duties under this Subgrant. Nothing contained in this Subgrant shall be deemed or construed to create a partnership or joint venture, to create relationships of an employer-employee or principal-agent, or to otherwise create any liability for one agency whatsoever with respect to the indebtedness, liabilities, and obligations of the other agency or any other party.

15. WAIVER OF BREACH. Failure to declare a breach or the actual waiver of any particular breach of the Subgrant or its material or nonmaterial terms by either party shall not operate as a waiver by such party of any of its rights or remedies as to any other breach.

16. SEVERABILITY. If any provision contained in this Subgrant is held to be unenforceable by a court of law or equity, this Subgrant shall be construed as if such provision did not exist and the nonenforceability of such provision shall not be held to render any other provision or provisions of this Subgrant unenforceable.

17. ASSIGNMENT. Neither party shall assign, transfer or delegate any rights, obligations or duties under this Subgrant without the prior written consent of the other party.

18. OWNERSHIP OF PROPRIETARY INFORMATION. Unless otherwise provided by law any reports, histories, studies, tests, manuals, instructions, photographs, negatives, blue prints, plans, maps, data, system designs, computer code (which is intended to be consideration under this Subgrant), or any other documents or drawings, prepared or in the course of preparation by either party in performance of its obligations under this Subgrant shall be the joint property of both parties.

19. PUBLIC RECORDS. Pursuant to NRS 239.010, information or documents may be open to public inspection and copying. The parties will have the duty to disclose unless a particular record is made confidential by law or a common law balancing of interests.

20. CONFIDENTIALITY. Each party shall keep confidential all information, in whatever form, produced, prepared, observed or received by that party to the extent that such information is confidential by law or otherwise required by this Subgrant.

21. PROPER AUTHORITY. The parties hereto represent and warrant that the person executing this Subgrant on behalf of each party has full power and authority to enter into this Subgrant and that the parties are authorized by law to perform the services set forth in paragraph (6).

22. GOVERNING LAW: JURISDICTION. This Subgrant and the rights and obligations of the parties hereto shall be governed by, and construed according to, the laws of the State of Nevada. The parties consent to the jurisdiction of the Nevada district courts for enforcement of this Subgrant.

23. ENTIRE AGREEMENT AND MODIFICATION. This Subgrant and its integrated attachment(s) constitute the entire agreement of the parties and such are intended as a complete and exclusive statement of the promises, representations, negotiations, discussions, and other agreements that may have been made in connection with the subject matter hereof. Unless an integrated attachment to this Subgrant specifically displays a mutual intent to amend a particular part of this Subgrant, general conflicts in language between any such attachment and this Subgrant shall be construed consistent with the terms of this Subgrant. Unless otherwise expressly authorized by the terms of this Subgrant, no modification or amendment to this Subgrant shall be binding upon the parties unless the same is in writing and signed by the respective parties hereto.

IN WITNESS WHEREOF, the parties hereto have caused this Subgrant to be signed and intend to be legally bound thereby.

SUBGRANTEE

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

Signature

Name: \_\_\_\_\_

STEVEN C PARRISH

Title: \_\_\_\_\_

GENERAL MANAGER

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

04/28/2020

DIVISION

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

Signature

Name: \_\_\_\_\_

Greg Lovato

Title: \_\_\_\_\_

Administrator

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

5/6/20



Attachment A  
Scope of Work  
And  
Budget Attachment



## **EXHIBIT A**

### **SCOPE OF SERVICES**

#### **Task 1. Project Management**

This task will cover project management activities associated with the development of the SSC for the Las Vegas Wash activities. These activities include general correspondence between the project team and the DISTRICT teams, financial forecasting and tracking, and general project accounting including monthly invoicing. Ben Latham will serve as the primary project manager and point of contact between the Arcadis technical team and the DISTRICT.

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

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

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

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

This second meeting would also be an opportunity for project planning and technical discussions that would include an understanding of NDEP concerns and a greater understanding of the available data. These site visits and meetings would be attended by a combination of Ben Latham, Barry Fulton, and Kevin Brix depending on expectations for the meetings. A report of

findings would not be anticipated for this task, but a photographic logs would be developed in order to formalize findings and convey the technical aspects identified.

### **Task 3. Regulatory Agency Meeting Support**

It is anticipated that two collaborative meetings and two teleconferences will be needed with NDEP to support the development of the SSC. The Arcadis team will develop meeting materials (e.g., presentation slides) to support these collaborative meetings with NDEP. It has been assumed that support during the Nevada Administrative Rulemaking process is not needed.

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

### **Task 4. SSC Approach and Reporting**

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

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



Arcadis successfully applied this approach in the development of Se SSC for multiple surface waters in Idaho (Arcadis 2017; IDAPA 2019).

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

appropriate for fishless streams. Arcadis will also develop water column and fish tissue values for the lower reaches of tributaries where fish may be present.

- iv. Potential Background Se Issues. Based on an initial literature review, it appears that some locations within the Las Vegas Wash basin are potentially impacted by naturally occurring background concentrations of Se (Zhou et al. 2004). Any tributaries on the 303(d) list for Se that are impacted by background Se should be addressed accordingly. Revising water quality standards to account for natural background concentrations is a scientifically sound and EPA-approved method for developing SSC.
- v. SSC Implementation. An important aspect in the development of SSC for Se is implementation, particularly for implementing a multi-element criterion on a watershed basis. As part of SSC development, Arcadis will address key implementation components: (1) monitoring and analytical methods; (2) protection of downstream aquatic life; (3) averaging periods and allowable excursion frequencies; (4) fishless waters as described above; and (5) hierarchy of the multi-element SSC.
- vi. Evaluation of Current 303(d) Listings. Arcadis will also conduct an initial evaluation of the current 303(d) listings following the development of SSC for Se. The purpose of this evaluation will be to provide DISTRICT with an understanding of the impact of the SSC on current listings and provide a technical basis from which to re-assess the listings against the best available scientific information.

Task No.	Task Description	Total Cost
1	Project Management	\$6,000
2	Site Visit and Project Kick-off	\$11,000
3	Regulatory Agency Meeting Support	\$8,000
4	SSC Approach and Reporting	\$25,000
	<b>Total</b>	<b>\$50,000</b>



Attachment B  
Additional Agency  
Terms & Conditions  
Attachment



**ATTACHMENT B**  
**NDEP ADDITIONAL AGENCY TERMS & CONDITIONS**  
**SUBGRANT CONTROL #DEPS 20-072**

1. The Nevada Division of Environmental Protection (NDEP) shall pay no more compensation than the federal Executive Schedule Level 4 daily rate (exclusive of overhead) for individual consultants retained by the Subgrantee or by the Subgrantee's contractors or subcontractors. This limitation as defined in 2 CFR § 1500.9 applies to consultation services of designated individuals with specialized skills who are paid at a daily or hourly rate. The current Level 4 rate is \$78.94 per hour.

2. *NDEP shall only reimburse the Subgrantee for actual cash disbursed.* Invoices may be provided via email or facsimile and must be received by NDEP no later than forty (40) calendar days after the end of a month or quarter except:

- at the end of the fiscal year of the State of Nevada (June 30th), at which time invoices must be received by the first Friday in August of the same calendar year;
- at the expiration date of the grant, or the effective date of the revocation of the Subgrant, at which times original invoices must be received by NDEP no later than thirty-five (35) calendar days after this date.

Failure of the Subgrantee to submit billings according to the prescribed timeframes authorizes NDEP, in its sole discretion, to collect or withhold a penalty of ten percent (10%) of the amount being requested for each week or portion of a week that the billing is late. The Subgrantee shall provide with each invoice a detailed fiscal summary that includes the approved Subgrant budget, expenditures for the current period, cumulative expenditures to date, and balance remaining for each budget category. If match is required pursuant to paragraph 3 below, a similar fiscal summary of match expenditures must accompany each invoice. The Subgrantee shall obtain prior approval to transfer funds between budget categories if the funds to be transferred are greater than ten percent (10%) cumulative of the total Subgrant amount.

3. The Subgrantee shall, as part of its approved scope of work and budget under this Subgrant, provide third party match funds of not less than: \$ . If match funds are required, the Subgrantee shall comply with additional record-keeping requirements as specified in 40 CFR 31.24 and the Third party Match Record-Keeping Requirements attachment, which is attached hereto and by this reference is incorporated herein and made part of this Subgrant.

4. Unless otherwise provided in Scope of work attachment, the Subgrantee shall submit quarterly reports or other deliverables within ten (10) calendar days after the end of each quarter.

5. All payments under this Subgrant are contingent upon the receipt by NDEP of sufficient funds, necessary to carry out the purposes of this Subgrant, from either the Nevada Legislature or an agency of the United States. NDEP shall determine if it has received the specific funding necessary for this Subgrant. If funds are not received from either source for the specific purposes of this Subgrant, NDEP is under no obligation to supply funding for this Subgrant. The receipt of sufficient funds as determined by NDEP is a condition precedent to NDEP's obligation to make payments under this Subgrant. Nothing in this Subgrant shall be construed to provide the Subgrantee with a right of payment over any other entity. If any payments that are otherwise due to the Subgrantee under this Subgrant are deferred because of the unavailability of sufficient funds, such payments will promptly be made to the Subgrantee if sufficient funds later become available.

6. Notwithstanding the terms of paragraph 5, at the sole discretion of NDEP, payments will not be made by NDEP unless all required reports or deliverables have been submitted to and approved by NDEP within the schedule stated in Attachment A.

7. Any funds obligated by NDEP under this Subgrant that are not expended by the Subgrantee shall automatically revert back to NDEP upon the completion, termination or cancellation of this Subgrant. NDEP shall not have any obligation to re-award or to provide, in any manner, such unexpended funds to the Subgrantee. The Subgrantee shall have no claim of any sort to such unexpended funds.



8. The Subgrantee shall ensure, to the fullest extent possible, that at least the "fair share" percentages as stated below for prime contracts for construction, services, supplies or equipment are made available to organizations owned or controlled by socially and economically disadvantaged individuals (Minority Business Enterprise (MBE) or Small Business Enterprise (SBE)), women (Women Business Enterprise (WBE)) and historically black colleges and universities.

	MBE/SBE	WBE
Construction	2%	2%
Services	1%	2%
Supplies	1%	1%
Equipment	1%	1%

The Subgrantee agrees and is required to utilize the following seven affirmative steps:

- a. Include in its bid documents applicable "fair share" percentages as stated above and require all of its prime contractors to include in their bid documents for subcontracts the "fair share" percentages;
- b. Include qualified Small Business Enterprises (SBEs) Minority Business Enterprises (MBEs), and Women Business Enterprises (WBEs) on solicitation lists;
- c. Assure that SBEs, MBEs, and WBEs are solicited whenever they are potential sources;
- d. Divide total requirements, when economically feasible, into small tasks or quantities to e. permit maximum participation of SBEs, MBEs, and WBEs;
- e. Establish delivery schedules, where the requirements of the work permit, which will encourage participation by SBEs, MBEs, and WBEs;
- f. Use the services and assistance of the Small Business Administration and the Minority Business Development Agency, U.S. Department of commerce as appropriate; and
- g. If a subcontractor awards contracts/procurements, require the subcontractor to take the affirmative steps in subparagraphs a. through e. of this condition.

9. The Subgrantee shall complete and submit to NDEP a Minority Business Enterprise/Woman Business Enterprise (MBE/WBE) Utilization Report (Standard Form 334) within fifteen (15) calendar days after the end of each federal fiscal year (September 30th) for each year this Subgrant is in effect and within fifteen (15) calendar days after the termination date of this Subgrant.

10. The books, records, documents and accounting procedures and practices of the Subgrantee or any subcontractor relevant to this Subgrant shall be subject to inspection, examination and audit by the State of Nevada, the Division of Environmental Protection, the Attorney General of Nevada, the Nevada State Legislative Auditor, the federal or other funding agency, the Comptroller General of the United States or any authorized representative of those entities.

11. All books, reports, studies, photographs, negatives, annual reports or other documents, data, materials or drawings prepared by or supplied to the Subgrantee in the performance of its obligations under this Subgrant shall be the joint property of both parties. Such items must be retained by the Subgrantee for a minimum of three years from the date of final payment by NDEP to the Subgrantee, and all other pending matters are closed. If requested by NDEP at any time within the retention period, any such materials shall be remitted and delivered by the Subgrantee, at the Subgrantee's expense, to NDEP. NDEP does not warrant or assume any legal liability or responsibility for the accuracy, completeness, or usefulness of any information, report or product of any kind that the Subgrantee may disclose or use for purposes other than the performance of the Subgrantee's obligations under this Subgrant. For any work outside the obligations of this Subgrant, the Subgrantee must include a disclaimer that the information, report or products are the views and opinions of the Subgrantee and do not necessarily state or reflect those of NDEP nor bind NDEP.

12. Unless otherwise provided in the Scope of Work or Workplan Attachment A, when issuing statements, press releases, requests for proposals, bid solicitations and other documents describing projects or programs funded in whole or in part with funds provided under this Subgrant, the Subgrantee shall clearly state that



funding for the project or program was provided by the Nevada Division of Environmental Protection and, if applicable, the U.S. Environmental Protection Agency. The Subgrantee will insure that NDEP is given credit in all official publications relative to this specific project and that the content of such publications will be coordinated with NDEP prior to being published.

13. Unless otherwise provided in the Scope of Work or Workplan Attachment A, all property purchased with funds provided pursuant to this Subgrant is the property of NDEP and shall, if NDEP elects within four (4) years after the completion, termination or cancellation of this Subgrant or after the conclusion of the use of the property for the purposes of this Subgrant during its term, be returned to NDEP at the Subgrantee's expense.

Such property includes but is not limited to vehicles, computers, software, modems, calculators, radios, and analytical and safety equipment. The Subgrantee shall use all purchased property in accordance with local, state and federal law, and shall use the property only for Subgrant purposes unless otherwise agreed to in writing by NDEP.

For any unauthorized use of such property by the Subgrantee, NDEP may elect to terminate the Sub-grant and to have the property immediately returned to NDEP by the Sub-grantee at the Sub-grantee's expense. To the extent authorized by law, the Sub-grantee shall indemnify and save and hold the State of Nevada and NDEP harmless from any and all claims, causes of action or liability arising from any use or custody of the property by the Sub-grantee or the Sub-grantee's agents or employees or any subcontractor or their agents or employees.

For any project involving new or replacement equipment acquired, in whole or in part, using federal funding sources under a subgrant, the Subgrantee is subject to the terms and conditions set forth in 41 CFR § 105-71.132, which contains provisions that govern the title, use, and disposal of the equipment. Equipment means tangible, nonexpendable, personal property having a useful life of more than one year and an acquisition cost of \$5,000 or more per unit.

14. The Sub-grantee shall use recycled paper for all reports that are prepared as part of this Sub-grant and delivered to NDEP. This requirement does not apply to standard forms.

15. The Sub-grantee, to the extent provided by Nevada law, shall indemnify and save and hold the State of Nevada, its agents and employees harmless from any and all claims, causes of action or liability arising from the performance of this Sub-grant by the Sub-grantee or the Sub-grantee's agents or employees or any subcontractor or their agents or employees. NDEP, to the extent provided by Nevada law, shall indemnify and save and hold the Sub-grantee, its agents and employees harmless from any and all claims, causes of action or liability arising from the performance of this Sub-grant by NDEP or NDEP's agents or employees.

16. The Sub-grantee and its subcontractors shall obtain any necessary permission needed, before entering private or public property, to conduct activities related to the work plan (Attachment A). The property owner will be informed of the program, the type of data to be gathered, and the reason for the requested access to the property.

17. This Sub-grant shall be construed and interpreted according to the laws of the State of Nevada and conditions established in OMB Circular A-102. Nothing in this Sub-grant shall be construed as a waiver of sovereign immunity by the State of Nevada. Any action brought to enforce this Sub-grant shall be brought in the First Judicial District Court of the State of Nevada. The Sub-grantee and any of its subcontractors shall comply with all applicable local, state and federal laws in carrying out the obligations of this Sub-grant, including all federal and state accounting procedures and requirements established in OMB Circular A-87 and A-133. The Sub-grantee and any of its subcontractors shall also comply with the following:

- a. 40 CFR Part 7 - Nondiscrimination In Programs Receiving Federal Assistance From EPA
- b. 40 CFR Part 29 - Intergovernmental Review of EPA Programs and Activities.

- c. 40 CFR Part 31 - Uniform Administrative Requirements For Grants And Cooperative Agreements To State and Local Governments;
- d. 40 CFR Part 32 – Government-wide Debarment And Suspension (Non-procurement) And Government-wide Requirements For Drug-Free Workplace (Grants);
- e. 40 CFR Part 34 - Lobbying Activities;
- f. 40 CFR Part 35, Subpart O - Cooperative Agreements And Superfund State Contracts For Superfund Response Actions (Superfund Only); and
- g. The Hotel and Motel Fire Safety Act of 1990.

18. The Sub-grantee shall neither assign, transfer nor delegate any rights, obligations or duties under this Sub-grant without the prior written consent of NDEP.



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

MAINTENANCE WORK PROGRAM (MWP) – THIRD QUARTER FISCAL YEAR 2019-20 STATUS REPORTS

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

RECEIVE THE MAINTENANCE WORK PROGRAM THIRD QUARTER FISCAL YEAR 2019-20 STATUS REPORTS AS SUBMITTED BY THE ENTITIES (FOR POSSIBLE ACTION)


**FISCAL IMPACT:** None.

**BACKGROUND:** In accordance with the Board's direction, the entities have submitted the Third Quarter Status Reports for the FY 2019-20 Maintenance Work Program (MWP). The reports indicate the status of work completed under the program through March 31, 2020, although the figures below represent only those expenses which have been submitted to the District for payment.

Below is a summary, by entity, of the Third Quarter Maintenance Work Program expenditures and the funding balance available by each Interlocal Contract for Fiscal Year 2019-20.

	FY 2019-20 Budget	Amount Spent	Funds Available
Boulder City	\$ 400,000.00	\$ 82,880.77	\$ 317,119.23
Clark County	4,274,700.00	778,093.02	3,496,606.98
Henderson	3,850,700.00	761,269.71	3,089,430.29
Las Vegas	2,825,000.00	1,758,085.42	1,066,914.58
Mesquite	769,800.00	555,643.66	214,156.34
North Las Vegas	1,834,500.00	677,024.10	1,157,475.90
Totals	\$13,954,700.00	\$4,612,996.68	\$9,341,703.32

Respectfully submitted,

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

TAC AGENDA  
ITEM #10  
Date: 05/28/2020

RFCD AGENDA  
ITEM #09  
Date: 05/21/2020

CAC AGENDA  
ITEM #10  
Date: 05/28/2020



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/11/2020

**MAINTENANCE WORK PROGRAM  
THIRD QUARTER FISCAL YEAR 2019-20 STATUS REPORTS**

In accordance with the Board's direction, the entities have submitted the Third Quarter Status Reports for the FY 2018-19 Maintenance Work Program (MWP). The reports indicate the status of work completed under the program through March 31, 2020, although the figures below represent only those expenses which have been submitted to the District for payment.

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Mesquite	769,800.00	555,643.66	214,156.34
North Las Vegas	1,834,500.00	677,024.10	1,157,475.90
Totals	\$13,954,700.00	\$4,612,996.68	\$9,341,703.32

**Staff Recommendation:**

Accept the reports.

**Discussion by Technical Advisory Committee:**

AGENDA  
#10 Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#10 Date: 05/28/2020

**Recommendation:**

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2019-2020

MWP Facility #: **BC01**

Facility Name: **Hemenway Watershed**

Entity: **City of Boulder City**

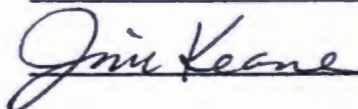
Date Prepared: \_\_\_\_\_

Quarter: **3rd**

MP Facility ID: **HMFL - 0000 HMKY - 0000, 0019, HMLM - 0000, 0001, 0002, 0003, 0025, 0027, 0040, 0044, 0064, 0065, 0066, 0077, 0081, 0082, 0085, 0096, HMLV - 0000, 0001, 0003, 0004, 0006, 0018, 0031, 0033, 0055, 0060, 0065, HMNH - 0000, 0001, HMPC - 0000, 0011, 0018, 0025, 0026, HMRB - 0000, HMTH - 0000, 0025, 0026, 0027, 0033, 0034, 0010, 0041, 0054, 0064, 0076, HMYI - 0000, 0001, 0002, 0003, 0004, 0015, 0022, 0027, 0028, 0030, 0041, 0042, 0058, 0064, 0065, 0066, 0074, 0088, HMWA - 0000, 0004, 0012, 0013, 0068, 0069, 0087, 0103, 0104, 0105, 0126, 0127, 0147, 0148, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0173, 0175, 0176, 0178, 0182, 0183, 0184, 0185, 0200, 0201, 0202, 0203**

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	500.00	0.00	0%	Jun-20
	5 Inspect Channels	500.00	500.00	0.00	0%	Jun-20
	6 Inspect Levees/Detention and Debris Basins	500.00	500.00	0.00	0%	Jun-20
	8 Species Survey and Removal	0.00	1.00	0.00	0%	Jun-20
	10 Clean and Reshape Channels/Levees	5,000.00	5,000.00	3,846.06	77%	Jun-20
	15 Repair Lined Channel	2,000.00	2,000.00	117.86	6%	Jun-20
	20 Erosion Control and Repair	1,300.00	1,300.00	146.71	11%	Jun-20
	21 Provide/Maintain Dust Control	500.00	500.00	0.00	0%	Jun-20
	25 Clean Detention Debris Basins	30,000.00	30,000.00	0.00	0%	Jun-20
	35 Fence Repair	1,000.00	900.00	0.00	0%	Jun-20
	40 Vegetation Control - Chemical	3,000.00	3,100.00	2,990.24	96%	Jun-20
	45 Vegetation Control - Mechanical	69,000.00	68,998.00	31,271.69	45%	Jun-20
	50 Maintain Access Road	2,000.00	2,000.00	0.00	0%	Jun-20
	55 Clean & Inspect Inlet/Outlet Structures	2,500.00	2,500.00	1,058.79	42%	Jun-20
	60 Repair Inlet/Outlet Structures	1,200.00	1,200.00	0.00	0%	Jun-20
	65 Clean Storm Sewer Lines	500.00	500.00	0.00	0%	Jun-20
	70 Storm Sewer Repair	0.00	1.00	0.00	0%	Jun-20
	75 Clean/Flush Culverts & Bridges	5,000.00	5,000.00	0.00	0%	Jun-20
	80 Miscellaneous Work Activities	75,000.00	75,000.00	30,953.73	41%	Jun-20
	85 Engineering	37,000.00	37,000.00	20,730.00	56%	Jun-20
	90 Homeless Encampment Cleanup	2,000.00	2,000.00	0.00	0%	Jun-20
	<b>TOTALS</b>	<b>\$238,500.00</b>	<b>\$238,500.00</b>	<b>\$91,115.09</b>	<b>38%</b>	
Delays or problem areas:						
Work completed during current quarter:						
Work to be completed during next quarter:						

Consultant/  
Contractor:  
Project  
Manager:



Phone Number: **702-303-3008**



REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2019-2020

MWP Facility #: BC02

Facility Name: Georgia/Buchanan Watershed

Entity: City of Boulder City

Date Prepared: \_\_\_\_\_

Quarter: 3rd

MP Facility ID: **GBAP** - 0000, 0001, 0002, 0047, 0048, 0049, 0087, 0114, **GBBC** - 0001, 0005, 0015, 0030, 0031, 0047, 0048, 0062, 0063, 0109, 0110, 0146, 0149, 0150, 0152, 0153, 0155, 0157, 0172, **GBCM** - 0000, 0001, 0004, 0011, **GBGR** - 0002, 0036, 0040, 0100, 0111, 0112, 0126, 0130, 0131, 0188, 0203, 0215, 0217

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	500.00	0.00	0%	Jun-20
	5 Inspect Channels	500.00	491.00	0.00	0%	Jun-20
	6 Inspect Levees/Detention and Debris Basins	0.00	1.00	0.00	0%	Jun-20
	8 Species Survey and Removal	0.00	1.00	0.00	0%	Jun-20
	10 Clean and Reshape Channels/Levees	25,000.00	398.00	0.00	0%	Jun-20
	15 Repair Lined Channel	27,500.00	77,102.00	461.66	1%	Jun-20
	20 Erosion Control and Repair	9,000.00	1.00	0.00	0%	Jun-20
	21 Provide/Maintain Dust Control	500.00	500.00	0.00	0%	Jun-20
	25 Clean Detention Debris Basins	0.00	1.00	0.00	0%	Jun-20
	35 Fence Repair	1,000.00	1.00	0.00	0%	Jun-20
	40 Vegetation Control - Chemical	500.00	500.00	152.16	30%	Jun-20
	45 Vegetation Control - Mechanical	10,000.00	10,000.00	4,822.02	48%	Jun-20
	50 Maintain Access Road	850.00	850.00	0.00	0%	Jun-20
	55 Clean & Inspect Inlet/Outlet Structures	2,000.00	1,500.00	1,133.80	76%	Jun-20
	60 Repair Inlet/Outlet Structures	1,000.00	1.00	0.00	0%	Jun-20
	65 Clean Storm Sewer Lines	1,000.00	1.00	0.00	0%	Jun-20
	70 Storm Sewer Repair	1,000.00	1.00	0.00	0%	Jun-20
	75 Clean/Flush Culverts & Bridges	2,000.00	1.00	0.00	0%	Jun-20
	80 Miscellaneous Work Activities	10,000.00	1,500.00	0.00	0%	Jun-20
	85 Engineering	1,000.00	1,000.00	0.00	0%	Jun-20
	90 Homeless Encampment Cleanup	2,000.00	\$1,000.00	0.00	0%	Jun-20
	<b>TOTALS</b>	<b>\$ 95,350.00</b>	<b>\$95,350.00</b>	<b>\$6,569.63</b>	<b>7%</b>	

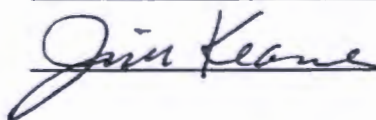
Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/  
Contractor:  
Project

Manager:



Phone Number: 702-303-3008



REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2019-2020

MWP Facility #: BC03

Facility Name: North Railroad Watershed

Entity: City of Boulder City

Date Prepared: \_\_\_\_\_

Quarter: 3rd

MP Facility ID: NRBL - 0000, 0091, 0092, 0093, 0094, 0095, 0096, NRIN - 0003, 0004, 0010, 0013, 0017, 0025, 0031, 0032, 0038, 0040, 0044, 0052, 0053, 0054, 0055, 0056, 0057, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0074, 0075, 0080, 0087, 0107, NRRR 0000, 0049, 0050, 0070, 0089, 0105

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	450.00	448.00	0.00	0%	Jun-20
	5 Inspect Channels	500.00	100.00	0.00	0%	Jun-20
	6 Inspect Levees/Detention and Debris Basins	1,000.00	300.00	0.00	0%	Jun-20
	8 Species Survey and Removal	0.00	1.00	0.00	0%	Jun-20
	10 Clean and Reshape Channels/Levees	3,000.00	194.00	0.00	0%	Jun-20
	15 Repair Lined Channel	100.00	100.00	0.00	0%	Jun-20
	20 Erosion Control and Repair	5,000.00	1,000.00	648.57	65%	Jun-20
	21 Provide/Maintain Dust Control	100.00	100.00	0.00	0%	Jun-20
	25 Clean Detention Debris Basins	5,000.00	1.00	0.00	0%	Jun-20
	35 Fence Repair	5,000.00	1.00	0.00	0%	Jun-20
	40 Vegetation Control - Chemical	1,000.00	1.00	0.00	0%	Jun-20
	45 Vegetation Control - Mechanical	1,000.00	200.00	0.00	0%	Jun-20
	50 Maintain Access Road	1,000.00	1.00	0.00	0%	Jun-20
	55 Clean & Inspect Inlet/Outlet Structures	1,000.00	901.00	766.47	85%	Jun-20
	60 Repair Inlet/Outlet Structures	500.00	500.00	0.00	0%	Jun-20
	65 Clean Storm Sewer Lines	1,000.00	1.00	0.00	0%	Jun-20
	70 Storm Sewer Repair	\$0.00	1.00	0.00	0%	Jun-20
	75 Clean/Flush Culverts & Bridges	1,000.00	500.00	0.00	0%	Jun-20
	80 Miscellaneous Work Activities	2,000.00	800.00	649.55	81%	Jun-20
	85 Engineering	500.00	13,000.00	12,382.50	95%	Jun-20
	90 Homeless Encampment Cleanup	\$2,000.00	13,000.00	12,329.07	95%	Jun-20
	<b>TOTALS</b>	<b>\$31,150.00</b>	<b>31,150.00</b>	<b>\$26,776.16</b>	<b>86%</b>	

Delays or problem areas:

Work completed during current quarter:

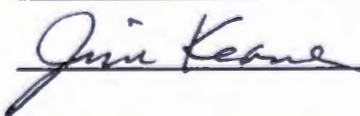
Work to be completed during next quarter:

Consultant/

Contractor:

Project

Manager:



Phone Number: 702-303-3008

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2019-2020

MWP Facility #: BC04  
Facility Name: West Airport Watershed

Entity: City of Boulder City  
Date Prepared: \_\_\_\_\_  
Quarter: 3rd

MP Facility ID: WAAD - 0000, 0043, 0046, 0063, 0064, 0085, 0086, 0094, WAAP - 0111, 0171, WADD - 0167, WAGN - 0000, 0020, WAGR - 0000, 0034

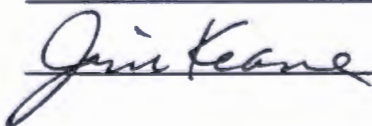
Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	500.00	496.00	0.00	0%	Jun-20
	5 Inspect Channels	500.00	500.00	0.00	0%	Jun-20
	6 Inspect Levees/Detention and Debris Basins	0.00	1.00	0.00	0%	Jun-20
	8 Species Survey and Removal	0.00	1.00	0.00	0%	Jun-20
	10 Clean and Reshape Channels/Levees	500.00	500.00	0.00	0%	Jun-20
	15 Repair Lined Channel	20,000.00	20,000.00	0.00	0%	Jun-20
	20 Erosion Control and Repair	2,000.00	2,000.00	0.00	0%	Jun-20
	21 Provide/Maintain Dust Control	500.00	500.00	0.00	0%	Jun-20
	25 Clean Detention Debris Basins	500.00	500.00	0.00	0%	Jun-20
	35 Fence Repair	500.00	500.00	0.00	0%	Jun-20
	40 Vegetation Control - Chemical	2,000.00	2,000.00	0.00	0%	Jun-20
	45 Vegetation Control - Mechanical	3,000.00	3,000.00	1,032.27	34%	Jun-20
	50 Maintain Access Road	500.00	500.00	0.00	0%	Jun-20
	55 Clean & Inspect Inlet/Outlet Structures	500.00	600.00	509.91	85%	Jun-20
	60 Repair Inlet/Outlet Structures	500.00	400.00	0.00	0%	Jun-20
	65 Clean Storm Sewer Lines	0.00	1.00	0.00	0%	Jun-20
	70 Storm Sewer Repair	0.00	1.00	0.00	0%	Jun-20
	75 Clean/Flush Culverts & Bridges	500.00	500.00	0.00	0%	Jun-20
	80 Miscellaneous Work Activities	500.00	500.00	0.00	0%	Jun-20
	85 Engineering	500.00	500.00	0.00	0%	Jun-20
	90 Homeless Encampment Cleanup	2,000.00	2,000.00	0.00	0%	Jun-20
	<b>TOTALS</b>	<b>\$35,000.00</b>	<b>\$35,000.00</b>	<b>\$1,542.18</b>	<b>4%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/  
Contractor:  
Project  
Manager:



Phone Number 702-303-3008



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 01

Facility Name: Flamingo Wash

MP Facility ID: F1FA 0000-0004 F2NB 0000-0048 F301 0000-0007

MP Facility ID: F401 0000-0003 FLBF 0046-0328 FLBN 0001-0033 FLDI 0000-0105

MP Facility ID: FLDN 0000-0160 FLDR 0000-0179 FLDS 0000-0750 FLF1 0000-0304

MP Facility ID: FLF2 0000-0137 FLF3 0000-0198, FLF4 0000-0355 FLFA 0000-0037 FLCM 0000

MP Facility ID: FLFL 0000-0147 FLHA 0000 FLJO 0000-0076 FLOQ 0000-0050 FLRB 0000-0062

MP Facility ID: FLRO 0000 FLSE 0000-0128 FLSM 0000-0180 FLSP 0000 FLTR 0000-0347

MP Facility ID: FLWA 0001-1443 RRWB 0000 RRFA 0000-0143 RRFC 0000 RRHU 0000-0129

MP Facility ID: RRNA 0000-0097 RRNN 0000-0022 RRNS 0000-0010 RRR4 0000-0160

Entity: CLARK COUNTY

Date Prepared: 4/22/2020

Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00	\$5,000.00	\$0.00		
	5 Inspect Channels	\$20,000.00	\$20,000.00	\$9,461.89		
	6 Inspect Levees, Deten/Debris Basins	\$30,000.00	\$30,000.00	\$17,356.61		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$100,000.00	\$120,000.00	\$117,845.21		
	15 Repair Lined Channel	\$20,000.00	\$20,000.00	\$0.00		
	20 Erosion Control and Repair	\$5,000.00	\$5,000.00	\$0.00		
	21 Provide/Maintain Dust Control	\$5,000.00	\$5,000.00	\$0.00		
	25 Clean Detention/Debris Basins	\$100,000.00	\$100,000.00	\$67,901.01		
	35 Fence Repair	\$20,000.00	\$20,000.00	\$17,644.20		
	40 Vegetation Control - Chemical	\$20,000.00	\$20,000.00	\$13,950.31		
	45 Vegetation Control - Mechanical	\$48,500.00	\$23,100.00	\$0.00		
	50 Maintain Access Road	\$5,000.00	\$5,000.00	\$1,345.63		
	55 Clean & Inspect Inlet/Outlet Structures	\$5,000.00	\$5,000.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$2,500.00	\$2,500.00	\$0.00		
	65 Clean Storm Sewer Lines	\$5,000.00	\$5,000.00	\$0.00		
	70 Storm Sewer Line Repair	\$5,000.00	\$5,000.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$4,000.00	\$4,000.00	\$0.00		
	80 Miscellaneous Work Activities	\$100,000.00	\$100,000.00	\$49,737.50		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$100,000.00	\$145,000.00	\$141,547.80		
	<b>TOTALS</b>	<b>\$600,000.00</b>	<b>\$639,600.00</b>	<b>\$436,790.16</b>	<b>68%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Clean, Inspect & Repairs to 3 Detention/Debris Basins. General cleaning of channels  
Channel maintenance contract adjacent to beltway. Contract for the removal of silt from Red Rock Detention Basin.

Consultant/

Contractor:

Project

Manager:

Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 02  
 Facility Name: Las Vegas Wash  
 MP Facility ID: LVMD 0675-0169, 1355  
 MP Facility ID: COLM 0000  
 MP Facility ID: NLWY 0000-0030  
 MP Facility ID: LV01 0000-0116  
 MP Facility ID: LVCO 0000-0109  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$3,500.00	\$3,500.00	\$0.00		
	5 Inspect Channels	\$5,000.00	\$5,000.00	\$2,054.42		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00	\$0.00		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$137,000.00	\$137,000.00	\$121,366.90		
	15 Repair Lined Channel	\$2,500.00	\$2,500.00	\$0.00		
	20 Erosion Control and Repair	\$45,000.00	\$42,500.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$0.00	\$0.00	\$0.00		
	35 Fence Repair	\$2,000.00	\$2,000.00	\$976.50		
	40 Vegetation Control - Chemical	\$10,000.00	\$10,000.00	\$0.00		
	45 Vegetation Control - Mechanical	\$25,000.00	\$25,000.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$2,500.00	\$2,362.66		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$50,000.00	\$50,000.00	\$8,772.83		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$20,000.00	\$20,000.00	\$4,539.14		
	<b>TOTALS</b>	<b>\$300,000.00</b>	<b>\$300,000.00</b>	<b>\$140,072.45</b>	<b>47%</b>	
Delays or problem areas:						
Work completed during current quarter:						
Work to be completed during next quarter:						
Misc. maintenance of channels. Vegetation control south of Vegas Valley.						
Maintenance work done by SNWA for weirs along the Las Vegas Wash Wetland area.						

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 03  
 Facility Name: Duck Creek  
 MP Facility ID: BDW5 0000-0025 DC95 0000-0038 DCBD 000-0081, 0176-0273  
 MP Facility ID: DCCA 0000-0078 DCCD 0000 DCGL 0000-0086, 0106, 0112, 0138-0179  
 MP Facility ID: DCHV 0000-0012 DCI1 0000-0031, DCLB 0000 DCPA 0000-0106  
 MP Facility ID: DCPI 0000-0032 DCRB 0015 DCSH 0000-0017 DCW1 0000-0132  
 MP Facility ID: DCW4 0364-0557, 0665-0786, 0940-0971, DCW5 0000-0059  
 MP Facility ID: DCWA 0000-0597, 0702-1657 DCWB 0000-0086 DCWF 0000-0061

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00	\$5,000.00	\$0.00		
	5 Inspect Channels	\$5,000.00	\$5,000.00	\$3,912.75		
	6 Inspect Levees, Deten/Debris Basins	\$20,000.00	\$20,000.00	\$10,321.54		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$120,000.00	\$75,000.00	\$9,766.64		
	15 Repair Lined Channel	\$5,000.00	\$5,000.00	\$0.00		
	20 Erosion Control and Repair	\$15,000.00	\$15,000.00	\$0.00		
	21 Provide/Maintain Dust Control	\$25,000.00	\$14,000.00	\$0.00		
	25 Clean Detention/Debris Basins	\$15,000.00	\$18,500.00	\$18,117.88		
	35 Fence Repair	\$8,000.00	\$8,000.00	\$6,278.53		
	40 Vegetation Control - Chemical	\$10,000.00	\$10,000.00	\$9,672.01		
	45 Vegetation Control - Mechanical	\$55,000.00	\$12,000.00	\$0.00		
	50 Maintain Access Road	\$5,000.00	\$5,000.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$9,500.00	\$8,939.60		
	65 Clean Storm Sewer Lines	\$2,500.00	\$2,500.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$50,000.00	\$50,000.00	\$42,212.45		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$115,000.00	\$115,000.00	\$24,028.53		
	<b>TOTALS</b>	<b>\$455,500.00</b>	<b>\$369,500.00</b>	<b>\$133,249.93</b>	<b>36%</b>	
Delays or problem areas:						
Work completed during current quarter:						
Work to be completed during next quarter: Misc. maintenance and cleaning of channels						

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 05  
 Facility Name: Las Vegas Range Wash  
 MP Facility ID: RWSL 0000-0728, RWWE 0016-0055  
 MP Facility ID: SLBN 0000 FLCH 0000  
 MP Facility ID: SLEB 0000-0098 SLER 0000-0086  
 MP Facility ID: SLLM 0000 SLNL 0095  
 MP Facility ID: SLOR 0000-0148 SLST 0000-0095  
 MP Facility ID: SLWA 0000-0091  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$2,000.00	\$2,000.00	\$0.00		
	5 Inspect Channels	\$5,000.00	\$5,000.00	\$3,134.93		
	6 Inspect Levees, Deter/Debris Basins	\$8,000.00	\$8,000.00	\$4,485.39		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$40,000.00	\$110,000.00	\$104,480.96		
	15 Repair Lined Channel	\$173,500.00	\$124,500.00	\$41,355.92		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$25,000.00	\$15,000.00	\$313.20		
	25 Clean Detention/Debris Basins	\$10,000.00	\$10,000.00	\$0.00		
	35 Fence Repair	\$10,000.00	\$10,000.00	\$7,770.54		
	40 Vegetation Control - Chemical	\$9,000.00	\$9,000.00	\$4,692.94		
	45 Vegetation Control - Mechanical	\$5,000.00	\$5,000.00	\$0.00		
	50 Maintain Access Road	\$2,500.00	\$2,500.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$4,000.00	\$3,783.42		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$85,000.00	\$85,000.00	\$20,610.98		
	85 Engineering	\$0.00	\$10,000.00	\$7,343.85		
	90 Homeless Cleanup	\$25,000.00	\$30,000.00	\$28,901.92		
	<b>TOTALS</b>	<b>\$400,000.00</b>	<b>\$430,000.00</b>	<b>\$226,874.05</b>	<b>53%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:  
 Clean, Inspect & Repairs to 1 Detention Basin.  
 Misc. maintenance and cleaning of channels.

Consultant/  
 Contractor:  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 06  
 Facility Name: Tropicana Wash  
 MP Facility ID: TRWA 0000-0454 BDBF 0000-0006 BDFW 0000  
 MP Facility ID: BDMO 0000-0010 BDRB 0000-0118  
 MP Facility ID: BDRR 0000 BDWS 0000-0007  
 MP Facility ID: NBSC 0000 RBMO 0000-0045  
 MP Facility ID: TRBD 0000-0930 TRNB 0000-0113  
 MP Facility ID: BDMD 0121 BDJO 0000-0061

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$2,000.00	\$2,000.00	\$0.00		
	5 Inspect Channels	\$3,000.00	\$3,000.00	\$2,667.63		
	6 Inspect Levees, Deter/Debris Basins	\$15,000.00	\$15,000.00	\$8,073.13		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$15,000.00	\$15,000.00	\$6,108.66		
	15 Repair Lined Channel	\$10,000.00	\$10,000.00	\$0.00		
	20 Erosion Control and Repair	\$5,000.00	\$5,000.00	\$0.00		
	21 Provide/Maintain Dust Control	\$5,000.00	\$5,000.00	\$0.00		
	25 Clean Detention/Debris Basins	\$40,000.00	\$40,000.00	\$4,502.84		
	35 Fence Repair	\$10,000.00	\$10,000.00	\$607.05		
	40 Vegetation Control - Chemical	\$5,000.00	\$5,000.00	\$1,024.19		
	45 Vegetation Control - Mechanical	\$5,000.00	\$5,000.00	\$0.00		
	50 Maintain Access Road	\$5,000.00	\$5,000.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$5,000.00	\$5,000.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$50,000.00	\$50,000.00	\$17,640.35		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$25,000.00	\$25,000.00	\$7,366.50		
	<b>TOTALS</b>	<b>\$200,000.00</b>	<b>\$200,000.00</b>	<b>\$47,990.35</b>	<b>24%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Misc. work contract maintenance adjacent to beltway.  
 Channel Inspection, vegetation control and other work as assigned.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 07  
 Facility Name: Airport Channel  
 MP Facility ID: TRMC 0000-0060, 0195-0290  
 MP Facility ID: WGTR 0058-0180  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00	\$0.00		
	5 Inspect Channels	\$1,500.00	\$1,500.00	\$411.98		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00	\$0.00		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$2,000.00	\$2,000.00	\$0.00		
	15 Repair Lined Channel	\$0.00	\$0.00	\$0.00		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$0.00	\$0.00	\$0.00		
	35 Fence Repair	\$3,000.00	\$3,000.00	\$1,556.84		
	40 Vegetation Control - Chemical	\$1,000.00	\$1,000.00	\$469.93		
	45 Vegetation Control - Mechanical	\$500.00	\$500.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$2,000.00	\$2,000.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$5,000.00	\$5,000.00	\$0.00		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$20,000.00	\$20,000.00	\$9,545.03		
	<b>TOTALS</b>	<b>\$35,000.00</b>	<b>\$35,000.00</b>	<b>\$11,983.78</b>	<b>34%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Channel Inspection and debris removal; vegetation control and other work as assigned.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 08  
 Facility Name: Monson Channel  
 MP Facility ID: LV02 0000-0303  
 MP Facility ID: NLFL 0000-0144  
 MP Facility ID: VBTW 0000  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,200.00	\$1,200.00	\$0.00		
	5 Inspect Channels	\$1,500.00	\$1,500.00	\$460.33		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00	\$0.00		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$7,500.00	\$7,500.00	\$5,307.21		
	15 Repair Lined Channel	\$1,500,000.00	\$1,500,000.00	\$0.00		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$0.00	\$0.00	\$0.00		
	35 Fence Repair	\$1,500.00	\$1,500.00	\$0.00		
	40 Vegetation Control - Chemical	\$3,000.00	\$3,000.00	\$1,556.41		
	45 Vegetation Control - Mechanical	\$15,000.00	\$15,000.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$10,000.00	\$10,000.00	\$114.74		
	85 Engineering	\$300,000.00	\$300,000.00	\$7,310.06		
	90 Homeless Cleanup	\$15,000.00	\$15,000.00	\$2,769.69		
	<b>TOTALS</b>	<b>\$1,854,700.00</b>	<b>\$1,854,700.00</b>	<b>\$17,518.44</b>	<b>1%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Channel Inspection, vegetation control and other work as assigned.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 09  
 Facility Name: Rawhide Channel  
 MP Facility ID: DCRH 0000-0305  
 MP Facility ID: MCE2 0000  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00	\$1,000.00	\$0.00		
	5 Inspect Channels	\$2,500.00	\$2,500.00	\$924.23		
	6 Inspect Levees, Deter/Debris Basins	\$0.00	\$0.00	\$0.00		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$1,500.00	\$1,500.00	\$0.00		
	15 Repair Lined Channel	\$5,000.00	\$5,000.00	\$0.00		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$0.00	\$0.00	\$0.00		
	35 Fence Repair	\$5,000.00	\$5,000.00	\$0.00		
	40 Vegetation Control - Chemical	\$2,000.00	\$2,000.00	\$1,901.03		
	45 Vegetation Control - Mechanical	\$2,000.00	\$2,000.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$1,000.00	\$1,000.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$15,000.00	\$15,000.00	\$12,791.47		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$5,000.00	\$5,000.00	\$0.00		
	<b>TOTALS</b>	<b>\$40,000.00</b>	<b>\$40,000.00</b>	<b>\$15,616.73</b>	<b>39%</b>	
Delays or problem areas:						
Work completed during current quarter:						
Work to be completed during next quarter: Channel Inspection, vegetation control and other work as assigned.						

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 10  
 Facility Name: Van Buskirk Channel  
 MP Facility ID: VBCH 0000-0138  
 MP Facility ID: VBMC 0000-0249  
 MP Facility ID: VBTM 0000-0174  
 MP Facility ID: VBVR 0000-0050  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$2,000.00	\$2,000.00	\$0.00		
	5 Inspect Channels	\$2,000.00	\$2,000.00	\$372.39		
	6 Inspect Levees, Deten/Debris Basins	\$2,000.00	\$2,000.00	\$1,692.64		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$0.00	\$0.00	\$0.00		
	15 Repair Lined Channel	\$0.00	\$0.00	\$0.00		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$2,000.00	\$2,000.00	\$0.00		
	35 Fence Repair	\$3,000.00	\$3,000.00	\$1,778.48		
	40 Vegetation Control - Chemical	\$1,000.00	\$1,000.00	\$744.79		
	45 Vegetation Control - Mechanical	\$0.00	\$0.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$10,000.00	\$10,000.00	\$1,479.08		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$15,000.00	\$30,000.00	\$29,089.29		
	<b>TOTALS</b>	<b>\$37,000.00</b>	<b>\$52,000.00</b>	<b>\$35,156.67</b>	<b>68%</b>	
Delays or problem areas:						
Work completed during current quarter:						
Work to be completed during next quarter: Channel Inspection, vegetation control and other work as assigned.						

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 11  
 Facility Name: Flamingo Wash North Fork  
 MP Facility ID: FLDY 0000-0013  
 MP Facility ID: FLLA 0000-0379  
 MP Facility ID: FLMN 0000-0075  
 MP Facility ID: FLMS 0000  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00	\$0.00		
	5 Inspect Channels	\$1,000.00	\$1,000.00	\$591.48		
	6 Inspect Levees, Deten/Debris Basins	\$1,000.00	\$1,500.00	\$1,158.74		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$0.00	\$1,000.00	\$939.46		
	15 Repair Lined Channel	\$0.00	\$0.00	\$0.00		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$5,000.00	\$5,000.00	\$126.08		
	35 Fence Repair	\$1,500.00	\$1,000.00	\$0.00		
	40 Vegetation Control - Chemical	\$1,500.00	\$1,500.00	\$723.29		
	45 Vegetation Control - Mechanical	\$0.00	\$0.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$5,000.00	\$5,000.00	\$231.36		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$5,000.00	\$5,000.00	\$1,019.99		
	<b>TOTALS</b>	<b>\$20,000.00</b>	<b>\$21,000.00</b>	<b>\$4,790.40</b>	<b>23%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Channel Inspection, vegetation control and other work as assigned.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 14  
 Facility Name: Laughlin Washes  
 MP Facility ID: LUBC 0000-0010, 0324  
 MP Facility ID: LUED 0000-0008  
 MP Facility ID: LUHS 0000-0242, 0250  
 MP Facility ID: LUMA 0023-0060  
 MP Facility ID: LUUW 0000-0150  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00	\$1,000.00	\$0.00		
	5 Inspect Channels	\$1,500.00	\$1,500.00	\$668.11		
	6 Inspect Levees, Deten/Debris Basins	\$7,000.00	\$7,000.00	\$3,033.31		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$6,000.00	\$6,000.00	\$0.00		
	15 Repair Lined Channel	\$1,000.00	\$1,000.00	\$0.00		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$10,000.00	\$10,000.00	\$0.00		
	35 Fence Repair	\$2,000.00	\$2,000.00	\$0.00		
	40 Vegetation Control - Chemical	\$1,500.00	\$1,500.00	\$0.00		
	45 Vegetation Control - Mechanical	\$1,500.00	\$1,500.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$5,000.00	\$5,000.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$2,000.00	\$2,000.00	\$0.00		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$1,000.00	\$1,000.00	\$0.00		
	<b>TOTALS</b>	<b>\$39,500.00</b>	<b>\$39,500.00</b>	<b>\$3,701.42</b>	<b>9%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Sediment removal from basin area upstream of LUED0008.  
 Channel Inspection, vegetation control and other work as assigned.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 15  
 Facility Name: Moapa Valley  
 MP Facility ID: LWAW 0000  
 MP Facility ID: GASD 0000-0058  
 MP Facility ID: MRLV 0343-0537, 0725  
 MP Facility ID: MRL 0001-0038  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00	\$0.00		
	5 Inspect Channels	\$2,500.00	\$2,500.00	\$327.44		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00	\$0.00		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$30,000.00	\$30,000.00	\$0.00		
	15 Repair Lined Channel	\$2,000.00	\$2,000.00	\$0.00		
	20 Erosion Control and Repair	\$39,500.00	\$39,500.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$2,000.00	\$2,000.00	\$0.00		
	35 Fence Repair	\$0.00	\$0.00	\$0.00		
	40 Vegetation Control - Chemical	\$2,000.00	\$2,000.00	\$167.32		
	45 Vegetation Control - Mechanical	\$1,000.00	\$1,000.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$10,000.00	\$10,000.00	\$246.28		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$1,000.00	\$1,000.00	\$0.00		
	<b>TOTALS</b>	<b>\$90,000.00</b>	<b>\$90,000.00</b>	<b>\$741.04</b>	<b>1%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Channel Inspection, vegetation control and other work as assigned.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 16  
 Facility Name: Blue Diamond Wash  
 MP Facility ID: BD02 0000-0109 BD03 0000-0081  
 MP Facility ID: BDBE 0000-0134 BDW1 0000-0077  
 MP Facility ID: BDW2 0023 BDW3 0000  
 MP Facility ID: BDW4 0160-0174  
 MP Facility ID: BDWA 0000-0212, 0284-0633  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00	\$0.00		
	5 Inspect Channels	\$3,500.00	\$3,500.00	\$451.56		
	6 Inspect Levees, Deter/Debris Basins	\$2,000.00	\$2,800.00	\$2,561.16		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$5,000.00	\$5,000.00	\$2,013.37		
	15 Repair Lined Channel	\$5,000.00	\$5,000.00	\$0.00		
	20 Erosion Control and Repair	\$5,000.00	\$4,500.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$19,500.00	\$19,500.00	\$13,906.13		
	35 Fence Repair	\$2,000.00	\$2,000.00	\$440.41		
	40 Vegetation Control - Chemical	\$2,000.00	\$2,000.00	\$355.21		
	45 Vegetation Control - Mechanical	\$5,000.00	\$5,000.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$1,000.00	\$1,000.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$10,000.00	\$10,000.00	\$2,283.49		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$40,000.00	\$40,000.00	\$15,872.22		
	<b>TOTALS</b>	<b>\$100,000.00</b>	<b>\$100,300.00</b>	<b>\$37,883.55</b>	<b>38%</b>	
Delays or problem areas:						
Work completed during current quarter:						
Work to be completed during next quarter: Channel maintenance contract adjacent to beltway. Channel Inspection, vegetation control and other work as assigned.						

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 17  
 Facility Name: Searchlight  
 MP Facility ID: SREA 0000-0065  
 MP Facility ID: SRSO 0000-0030  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$500.00	\$500.00	\$0.00		
	5 Inspect Channels	\$1,000.00	\$1,000.00	\$327.44		
	6 Inspect Levees, Deter/Debris Basins	\$0.00	\$0.00	\$0.00		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$0.00	\$0.00	\$0.00		
	15 Repair Lined Channel	\$5,000.00	\$5,000.00	\$0.00		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$0.00	\$0.00	\$0.00		
	35 Fence Repair	\$0.00	\$0.00	\$0.00		
	40 Vegetation Control - Chemical	\$0.00	\$100.00	\$40.27		
	45 Vegetation Control - Mechanical	\$0.00	\$0.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$500.00	\$500.00	\$0.00		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$500.00	\$500.00	\$367.71		
	<b>TOTALS</b>	<b>\$7,500.00</b>	<b>\$7,600.00</b>	<b>\$735.42</b>	<b>10%</b>	
Delays or problem areas:						
Work completed during current quarter:						
Work to be completed during next quarter: Channel Inspection, vegetation control and other work as assigned.						

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 18  
 Facility Name: Bunkerville  
 MP Facility ID: WIWA 0000-0038  
 MP Facility ID: WIJE 0000-0065  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00	\$0.00		
	5 Inspect Channels	\$1,000.00	\$1,000.00	\$327.44		
	6 Inspect Levees, Deten/Debris Basins	\$2,000.00	\$2,000.00	\$1,432.44		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$0.00	\$0.00	\$0.00		
	15 Repair Lined Channel	\$0.00	\$0.00	\$0.00		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$4,000.00	\$4,000.00	\$0.00		
	35 Fence Repair	\$1,000.00	\$1,000.00	\$0.00		
	40 Vegetation Control - Chemical	\$1,000.00	\$1,000.00	\$0.00		
	45 Vegetation Control - Mechanical	\$0.00	\$0.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$1,000.00	\$1,000.00	\$0.00		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$10,000.00</b>	<b>\$10,000.00</b>	<b>\$1,759.88</b>	<b>18%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Channel Inspection, vegetation control and other work as assigned.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 19  
 Facility Name: Pittman  
 MP Facility ID: PTBL 0028-0157  
 MP Facility ID: PTDC 0000-0005  
 MP Facility ID: PTWA 0477-0738  
 MP Facility ID: PTWB 0000-0016  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00	\$1,000.00	\$0.00		
	5 Inspect Channels	\$3,000.00	\$3,000.00	\$328.78		
	6 Inspect Levees, Deter/Debris Basins	\$0.00	\$0.00	\$0.00		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$5,000.00	\$5,000.00	\$1,575.13		
	15 Repair Lined Channel	\$5,000.00	\$5,000.00	\$0.00		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$0.00	\$0.00	\$0.00		
	35 Fence Repair	\$2,000.00	\$2,000.00	\$1,235.22		
	40 Vegetation Control - Chemical	\$2,500.00	\$2,500.00	\$1,159.06		
	45 Vegetation Control - Mechanical	\$5,000.00	\$5,000.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$1,500.00	\$1,500.00	\$0.00		
	70 Storm Sewer Line Repair	\$1,500.00	\$1,500.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$5,000.00	\$5,000.00	\$403.07		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$10,000.00	\$10,000.00	\$2,762.42		
	<b>TOTALS</b>	<b>\$41,500.00</b>	<b>\$41,500.00</b>	<b>\$7,463.68</b>	<b>18%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Channel Inspection, vegetation control and other work as assigned.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 20  
 Facility Name: Indian Springs  
 MP Facility ID: ISWE 0100-1001  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00	\$0.00		
	5 Inspect Channels	\$2,000.00	\$2,000.00	\$0.00		
	6 Inspect Levees, Deten/Debris Basins	\$2,000.00	\$2,000.00	\$1,347.02		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$0.00	\$0.00	\$0.00		
	15 Repair Lined Channel	\$0.00	\$0.00	\$0.00		
	20 Erosion Control and Repair	\$1,500.00	\$1,500.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$2,500.00	\$2,000.00	\$0.00		
	35 Fence Repair	\$0.00	\$0.00	\$0.00		
	40 Vegetation Control - Chemical	\$0.00	\$500.00	\$117.48		
	45 Vegetation Control - Mechanical	\$0.00	\$0.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$1,000.00	\$1,000.00	\$0.00		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$1,000.00	\$1,000.00	\$859.50		
	<b>TOTALS</b>	<b>\$10,000.00</b>	<b>\$10,000.00</b>	<b>\$2,324.00</b>	<b>23%</b>	
Delays or problem areas:						
Work completed during current quarter:						
Work to be completed during next quarter: Channel Inspection, vegetation control and other work as assigned.						

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019 - 2020**

MWP Facility #: CC 21  
 Facility Name: Northern Beltway  
 MP Facility ID: EKEA 0056-0338  
 MP Facility ID: RCHB 0083, 0101, 0130, 0149, 0151  
 MP Facility ID: GOBW 0000-0048  
 MP Facility ID: GONO 0117-0335  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 4/22/2020  
 Quarter: 3rd Quarter

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00	\$0.00	\$0.00		
	5 Inspect Channels	\$2,000.00	\$2,000.00	\$703.76		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$0.00	\$0.00		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$0.00	\$0.00	\$0.00		
	15 Repair Lined Channel	\$2,000.00	\$2,000.00	\$0.00		
	20 Erosion Control and Repair	\$5,000.00	\$5,000.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$0.00	\$0.00	\$0.00		
	35 Fence Repair	\$3,000.00	\$3,000.00	\$0.00		
	40 Vegetation Control - Chemical	\$2,000.00	\$2,000.00	\$1,994.64		
	45 Vegetation Control - Mechanical	\$0.00	\$0.00	\$0.00		
	50 Maintain Access Road	\$0.00	\$0.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	60 Repair Inlet/Outlet Structures	\$0.00	\$0.00	\$0.00		
	65 Clean Storm Sewer Lines	\$0.00	\$0.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$10,000.00	\$10,000.00	\$569.16		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	90 Homeless Cleanup	\$10,000.00	\$10,000.00	\$0.00		
	<b>TOTALS</b>	<b>\$34,000.00</b>	<b>\$34,000.00</b>	<b>\$3,267.56</b>	<b>10%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Channel maintenance contract adjacent to beltway.  
 Channel Inspection, vegetation control and other work as assigned.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Dwayne Ako Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT**

MWP Facility#: HN65Entity: CITY OF HENDERSONFacility Name: C1 NORTHDate Prepared: 3/31/2020

C1CH 0000-0452, C1CT 0000-0075, C1DC 0000-0303, C1E1 0000-0065, C1EQ 0000-0297, C1FK  
0000-0073, C1H1 0000-0003, C1H2 0000-0001, C1HV 0000-0300, C1IT 0273, C1LM 0000-0130,  
C1RT 0001-0044, LLMW 0000, LLMW 0129, LLMW 0203

MP Facility ID:

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory	\$5,000.00	\$5,000.00	\$0.00	0%	
5	Inspect Channels	\$5,000.00	\$7,000.00	\$3,392.87	48%	
6	Inspect Levees/Detention and Debris Basins	\$5,000.00	\$8,500.00	\$4,248.12	50%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$18,009.15	\$18,009.15	\$10,919.23	61%	
15	Repair Lined Channel	\$9,000.00	\$9,000.00	\$0.00	0%	
20	Erosion Control and Repair	\$35,420.17	\$35,420.17	\$35,420.17	100%	
21	Provide/Maintain Dust Control	\$2,332.42	\$2,332.42	\$2,332.42	100%	
25	Clean Detention/Debris Basins	\$100,000.00	\$100,000.00	\$33.67	0%	
35	Fence Repair	\$12,200.00	\$12,200.00	\$3,139.83	26%	
40	Vegetation Control - Chemical	\$258.32	\$2,547.95	\$2,547.95	100%	
45	Vegetation Control - Mechanical	\$10,000.00	\$10,000.00	\$6,930.78	69%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$1,000.00	\$1,000.00	\$0.00	0%	
60	Repair Inlet/Outlet Structures	\$1,500,600.50	\$1,500,600.50	\$100.50	0%	
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities	\$1,340.11	\$1,340.11	\$1,340.11	100%	
85	Engineering	\$243,500.00	\$243,500.00	\$158,321.60	65%	
90	Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$1,948,660.67</b>	<b>\$1,956,450.30</b>	<b>\$228,727.25</b>		<b>Jun-2020</b>

**Delays or Problem Areas:**

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

**Work completed during prior fiscal year:**

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

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

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

Consultant/

Contractor:

Project

Manager:

Albert J. Jankowiak(702) 267-3024



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT**

MWP Facility#: HN66Entity: CITY OF HENDERSONFacility Name: C1 SOUTHDate Prepared: 3/31/2020MP Facility ID: C1BH 0000-0214, C1CH 0455-0674, C1CH 0711, C1CH 0742-1138, C1GW 0000-0081, C1U1 0000-0062, C1US 0000-0078

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00	\$5,000.00	\$0.00	0%	
	5 Inspect Channels	\$3,500.00	\$6,000.00	\$2,996.47	50%	
	6 Inspect Levees/Detention and Debris Basins	\$5,000.00	\$5,500.00	\$2,642.45	48%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$10,500.00	\$10,500.00	\$264.92	3%	
	15 Repair Linad Channel	\$10,000.00	\$9,000.00	\$0.00	0%	
	20 Erosion Control and Repair	\$5,000.00	\$1,000.00	\$0.00	0%	
	21 Provide/Maintain Dust Control	\$5,000.00	\$1,000.00	\$0.00	0%	
	25 Clean Detention/Debris Basins	\$5,000.00	\$100.00	\$57.39	57%	
	35 Fence Repair	\$13,500.00	\$13,500.00	\$2,627.62	19%	
	40 Vegetation Control - Chemical		\$363.45	\$363.45	100%	
	45 Vegetation Control - Mechanical	\$17,651.31	\$17,651.31	\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures	\$500.00	\$500.00	\$0.00	0%	
	60 Repair Inlet/Outlet Structures		\$249.52	\$249.52	100%	
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$500.00	\$500.00	\$0.00	0%	
	80 Miscellaneous Work Activities	\$116.48	\$116.48	\$116.48	100%	
	85 Engineering	\$10,000.00	\$11,051.15	\$11,051.15	100%	
	90 Homeless Encampment Cleanup	\$2,000.00	\$1,175.92	\$1,175.92	100%	
	<b>TOTALS</b>	<b>\$93,267.79</b>	<b>\$83,207.83</b>	<b>\$21,545.37</b>		<b>Jun-2020</b>
<b>Delays or Problem Areas:</b>						
<b>Work completed during prior fiscal year:</b>						
Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscany subdivision. Act 15, Act 21, Act 25, Act 50 - East C-1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.						
<b>Work to be completed during current fiscal year:</b>						
Act 3 - Consultant to start the Asset Management Program for Regional Flood Control Facilities. Other budgeted funding to be expended on this facility for regular maintenance activities.						

Consultant/  
Contractor:  
Project  
Manager:

Albert J. Jankowiak(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT**

MWP Facility#: HN57  
Facility Name: PITTMAN CENTRAL NE  
MP Facility ID: PTBR 0067-0175, PTGB 0058-0249, PTWV 0000-0187

Entity: CITY OF HENDERSON  
Date Prepared: 3/31/2020

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$1,800.00	\$1,400.00	\$698.32	50%	
6	Inspect Levees/Detention and Debris Basins	\$2,000.00	\$2,000.00	\$1,083.89	54%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$30,500.00	\$11,000.00	\$4,889.05	44%	
15	Repair Lined Channel	\$9,000.00	\$9,000.00	\$0.00	0%	
20	Erosion Control and Repair	\$1,000.00	\$0.00	\$0.00	0%	
21	Provide/Maintain Dust Control	\$2,000.00	\$763.96	\$763.96	100%	
25	Clean Detention/Debris Basins	\$50,000.00	\$8,403.93	\$8,403.93	100%	
35	Fence Repair	\$17,000.00	\$12,000.00	\$2,032.00	17%	
40	Vegetation Control - Chemical	\$221.41	\$814.10	\$814.10	100%	
45	Vegetation Control - Mechanical	\$18,207.35	\$18,206.02	\$2,856.16	16%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$1,127.67	\$4,438.34	\$4,438.34	100%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair		\$57.39	\$57.39	100%	
75	Clean/Flush Culverts & Bridges	\$1,000.00	\$4,137.14	\$4,137.14	100%	
80	Miscellaneous Work Activities					
85	Engineering	\$9,000.00	\$10,896.58	\$10,896.58	100%	
90	Homeless Encampment Cleanup	\$2,443.57	\$2,443.57	\$2,443.57	100%	
	<b>TOTALS</b>	<b>\$145,300.00</b>	<b>\$85,561.03</b>	<b>\$43,514.43</b>		<b>Jun-2020</b>
Delays or Problem Areas:						
<p>Work completed during prior fiscal year:</p> <p>Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscany subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.</p> <p>Work to be completed during current fiscal year:</p> <p>Budgeted funding to be expended on this facility for regular maintenance activities.</p>						

Consultant/  
Contractor:  
Project  
Manager: Albert J. Jankowiak

(702) 267-3024



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT**

MWP Facility#:

HN68

Facility Name:

PITTMAN CENTRAL SE

Entity: CITY OF HENDERSON

Date Prepared: 3/31/2020

MP Facility ID:

PTHR 0000-0210, PTIS 0000-0258, PTPD 0010-0063, PTRR 0000-0135, PTWH 0000-0116

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$3,600.44	\$3,644.19	\$3,644.19	100%	
	6 Inspect Levees/Detention and Debris Basins	\$1,000.00	\$400.00	\$193.90	48%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$20,500.00	\$12,000.00	\$1,707.68	14%	
	15 Repair Lined Channel	\$459,000.00	\$459,000.00	\$0.00	0%	
	20 Erosion Control and Repair	\$266.39	\$266.39	\$266.39	100%	
	21 Provide/Maintain Dust Control	\$768.17	\$768.17	\$0.00	0%	
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$14,000.00	\$14,000.00	\$6,051.93	43%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$43,365.00	\$14,000.00	\$4,254.37	30%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$6,000.00	\$5,921.59	\$5,921.59	100%	
	80 Miscellaneous Work Activities					
	85 Engineering	\$77,500.00	\$77,500.00	\$53,651.31	69%	
	90 Homeless Encampment Cleanup	\$6,500.00	\$1,898.21	\$1,898.21	100%	
	<b>TOTALS</b>	<b>\$632,500.00</b>	<b>\$589,398.55</b>	<b>\$77,589.57</b>		<b>Jun-2020</b>

**Delays or Problem Areas:**

I-515 Channel repair delayed due to the need for additional engineering analysis prior to construction.

**Work completed during prior fiscal year:**

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

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

Act 15, Act 85 - I-515 Channel (PTIS 0029-0166); re-establish the channel and repair the reno mattresses along the I-515 near Horizon and Horizon Ridge. Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/

Contractor:

Project

Manager:

Albert J. Jankowiak

(702) 267-3024



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT**

MWP Facility#: HN89  
 Facility Name: PITTMAN CENTRAL NW  
 DCWA 0646-0670, PTDC 0026-0237, PTPE 0000-0166, PTRW 0000-0170, PTSW 0000-0129, PTWA  
 MP Facility ID: 0000-0476, WWDC 0000-0109

Entity: CITY OF HENDERSON  
 Date Prepared: 3/31/2020

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$1,200.00	\$1,200.00	\$596.69	50%	
6	Inspect Levees/Detention and Debris Basins	\$608.75	\$608.75	\$608.75	100%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$28,800.86	\$28,800.86	\$21,298.64	74%	
15	Repair Lined Channel	\$31,000.00	\$31,000.00	\$0.00	0%	
20	Erosion Control and Repair	\$3,160.50	\$5,256.00	\$5,256.00	100%	
21	Provide/Maintain Dust Control	\$1,948.90	\$1,948.90	\$1,948.90	100%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$16,580.24	\$16,580.24	\$8,207.35	50%	
40	Vegetation Control - Chemical	\$2,463.90	\$3,463.90	\$3,463.90	100%	
45	Vegetation Control - Mechanical	\$185,000.00	\$279,815.87	\$279,815.87	100%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures	\$369,000.00	\$369,000.00	\$326.20	0%	
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$1,254.29	\$2,027.84	\$2,027.84	100%	
80	Miscellaneous Work Activities	\$376.29	\$759.95	\$759.95	100%	
85	Engineering	\$88,500.00	\$88,500.00	\$56,663.65	64%	
90	Homeless Encampment Cleanup	\$1,739.40	\$1,739.40	\$1,739.40	100%	
	<b>TOTALS</b>	<b>\$731,633.13</b>	<b>\$830,701.71</b>	<b>\$382,713.14</b>		<b>Jun-2020</b>
Delays or Problem Areas:						
<p>Work completed during prior fiscal year:</p> <p>Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscany subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.</p> <p>Work to be completed during current fiscal year:</p> <p>Act 15, Act 85 - Construction and repair of culvert headwall at Sandwedge Channel. Act 85 - Structural review and recommendations for repair of energy dissipator (PTWA 0078) and prepare plans for repair of unlined embankment at PTWA 0346. Act 60, Act 85: Pittman Wash UPRR Confluence (PTRW 0000); repair of outlet structure. Other budgeted funding to be expended on this facility for regular maintenance activities.</p>						

Consultant/  
 Contractor:  
 Project  
 Manager: Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT**

MWP Facility#: HN70  
 Facility Name: PITTMAN CENTRAL SW  
 PTDW 0000-0088, PTFD 0000-0111, PTLM 0000-0078, PTMR 0000-0399, PTRE 0000-0267, PTST  
 0000-0170, PTVV 0000-0005  
 MP Facility ID: 0000-0170, PTVV 0000-0005

Entity: CITY OF HENDERSON  
 Date Prepared: 3/31/2020

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$2,500.00	\$2,500.00	\$842.11	34%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$20,226.00	\$20,226.00	\$0.00	0%	
	15 Repair Lined Channel	\$9,000.00	\$9,000.00	\$0.00	0%	
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins	\$2,500.00	\$2,500.00	\$0.00	0%	
	35 Fence Repair	\$11,000.00	\$11,000.00	\$495.84	5%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$26,774.00	\$26,774.00	\$3,882.25	15%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$1,000.00	\$1,000.00	\$0.00	0%	
	80 Miscellaneous Work Activities	\$151.13	\$2,490.47	\$2,490.47	100%	
	85 Engineering	\$7,000.00	\$8,046.34	\$8,046.34	100%	
	90 Homeless Encampment Cleanup		\$136.87	\$136.87	100%	
	<b>TOTALS</b>	<b>\$80,151.13</b>	<b>\$83,673.68</b>	<b>\$15,893.88</b>		<b>Jun-2020</b>
Delays or Problem Areas:						
Work completed during prior fiscal year:						
Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscany subdivision. Act 15, Act 21, Act 25, Act 50 - East C-1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.						
Work to be completed during current fiscal year:						
Budgeted funding to be expended on this facility for regular maintenance activities.						

Consultant/  
 Contractor:  
 Project  
 Manager:

Albert J. Jankowski

(702) 267-3024



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT**

MWP Facility#: HN71  
Facility Name: PITTMAN ANTHEM INSPIRADA

Entity: CITY OF HENDERSON  
Date Prepared: 3/31/2020

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

MP Facility ID: PTSN 0000-0063, PTSS 0000-0012, PTWS 0000-0063

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$5,000.00	\$5,000.00	\$2,317.92	46%	
6	Inspect Levees/Detention and Debris Basins	\$5,000.00	\$5,000.00	\$2,532.69	51%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$19,971.66	\$19,971.66	\$734.34	4%	
15	Repair Lined Channel	\$9,000.00	\$9,000.00	\$0.00	0%	
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$5,000.00	\$5,000.00	\$0.00	0%	
25	Clean Detention/Debris Basins	\$15,000.00	\$15,000.00	\$0.00	0%	
35	Fence Repair	\$14,000.00	\$14,000.00	\$5,872.40	42%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$28,950.00	\$28,950.00	\$0.00	0%	
50	Maintain Access Road	\$500.00	\$500.00	\$0.00	0%	
55	Clean & Inspect Inlet/Outlet Structures	\$1,000.00	\$1,000.00	\$0.00	0%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines	\$500.00	\$500.00	\$0.00	0%	
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$1,500.00	\$1,500.00	\$0.00	0%	
80	Miscellaneous Work Activities	\$1,468.34	\$1,468.34	\$1,468.34	100%	
85	Engineering	\$8,000.00	\$8,282.28	\$8,282.28	100%	
90	Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$114,890.00</b>	<b>\$115,172.28</b>	<b>\$21,207.97</b>		<b>Jun-2020</b>
Delays or Problem Areas:						
Work completed during prior fiscal year:						
Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscany subdivision. Act 15, Act 21, Act 25, Act 50 - East C-1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.						
Work to be completed during current fiscal year:						
Budgeted funding to be expended on this facility for regular maintenance activities.						

Consultant/  
Contractor:  
Project  
Manager: Albert J. Jankowiak

(702) 267-3024



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT**

MWP Facility#:

HN72

Facility Name:

PITTMAN SEVEN HILLSEntity: CITY OF HENDERSONDate Prepared: 3/31/2020

MP Facility ID:

PTAP 0000-0191, PTEA 0000-0244, PTEA 0437-0439, PTGV 0000-0073, PTHD 0000-0020, PTPW 0000-0309, PTSH 0011-0084

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$2,500.00	\$2,500.00	\$1,665.49	67%	
	6 Inspect Levees/Detention and Debris Basins	\$6,000.00	\$6,000.00	\$3,981.69	66%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$10,000.00	\$10,000.00	\$797.17	8%	
	15 Repair Lined Channel	\$10,000.00	\$10,000.00	\$0.00	0%	
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$10,000.00	\$10,000.00	\$822.74	8%	
	25 Clean Detention/Debris Basins	\$10,000.00	\$10,000.00	\$0.00	0%	
	35 Fence Repair	\$14,000.00	\$14,000.00	\$1,758.42	13%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$10,000.00	\$10,000.00	\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures	\$2,015.73	\$2,187.73	\$2,187.73	100%	
	60 Repair Inlet/Outlet Structures	\$129.07	\$129.07	\$129.07	100%	
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$1,000.00	\$1,000.00	\$0.00	0%	
	80 Miscellaneous Work Activities					
	85 Engineering	\$6,152.48	\$7,186.71	\$7,186.71	100%	
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$81,797.28</b>	<b>\$83,003.51</b>	<b>\$18,529.02</b>		<b>Jun-2020</b>
Delays or Problem Areas:						
Work completed during prior fiscal year:						
Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscany subdivision. Act 15, Act 21, Act 25, Act 50 - East C-1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.						
Work to be completed during current fiscal year:						
Budgeted funding to be expended on this facility for regular maintenance activities.						

Consultant/

Contractor:

Project

Manager:

Albert J. Jankowiak(702) 267-3024

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT

MWP Facility#: HN73  
Facility Name: PITTMAN WEST HENDERSON

Entity: CITY OF HENDERSON  
Date Prepared: 3/31/2020

MP Facility ID: DCLA 0035, DCN1 0000, PTBE 0140, PTN2 0000-0251, PTN3 0000, PTN5 0000, PTN6 0000, PTN7 0001, PTN8 0000-0039, PTN9 0000-0027, PTNO 0139-0195, PTSO 0104-0153, PTWA 0815-0983

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$500.00	\$500.00	\$227.56	46%	
	6 Inspect Levees/Detention and Debris Basins	\$2,500.00	\$2,500.00	\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$2,500.00	\$2,500.00	\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins	\$5,000.00	\$5,000.00	\$0.00	0%	
	35 Fence Repair	\$1,000.00	\$1,000.00	\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$5,000.00	\$5,000.00	\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$1,000.00	\$1,000.00	\$0.00	0%	
	80 Miscellaneous Work Activities					
	85 Engineering	\$5,000.00	\$6,031.11	\$6,031.11	100%	
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$22,500.00</b>	<b>\$23,531.11</b>	<b>\$6,258.67</b>		<b>Jun-2020</b>
Delays or Problem Areas:						
Work completed during prior fiscal year:						
Act 3 - Select a consultant to start the Asset Management Program for Regional Flood Control Facilities. Act 40, Act 45 - C1 Channel remove vegetation and re-establish flowline in natural portion of C1 Channel downstream of Tuscany subdivision. Act 15, Act 21, Act 25, Act 50 - East C -1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.						
Work to be completed during current fiscal year:						
Budgeted funding to be expended on this facility for regular maintenance activities.						

Consultant/  
Contractor:  
Project  
Manager:

Albert J. Jankowiak

(702) 267-3024



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
THIRD QUARTER - FY 2019-20**

MWP Facility #: LV51  
Facility Name: Cedar Avenue Channel/Nellis System  
MP Facility ID: CACH 0000 - 0148,  
CABZ 0000 - 0010, CACN 0000 - 0049,  
LVBZ 0166 - 0223

Entity: City of Las Vegas  
Date Prepared: 4/30/2020

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA	03 Facility Assessment and Inventory	\$5,000.00	\$5,000.00			Jun-20
FA	05 Inspect Channels	\$1,000.00	\$1,000.00			Jun-20
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal	\$5,000.00	\$5,000.00			Jun-20
FA	10 Clean and Reshape Channels/Levees	\$15,000.00	\$5,000.00			Jun-20
FA	15 Repair Lined Channel	\$5,000.00	\$5,000.00			Jun-20
	20 Erosion Control and Repair	\$10,000.00	\$5,000.00			Jun-20
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
	35 Fence Repair	\$10,000.00	\$10,000.00	\$4,766.47		Jun-20
	40 Vegetation Control - Chemical	\$5,000.00	\$5,000.00			Jun-20
	45 Vegetation Control - Mechanical	\$10,000.00	\$10,000.00			Jun-20
	50 Maintain Access Road					
FA	55 Clean & Inspect Inlet/Outlet Structures	\$10,000.00	\$5,000.00			Jun-20
	60 Repair Inlet/Outlet Structures					
FA	65 Clean Storm Sewer Lines	\$2,000.00	\$2,000.00			Jun-20
FA	70 Storm Sewer Repair	\$1,000.00	\$1,000.00			Jun-20
FA	75 Clean/Flush Culverts & Bridges	\$2,000.00	\$2,000.00			Jun-20
FA	80 Miscellaneous Work Activities	\$13,000.00	\$3,000.00			Jun-20
FA	85 Engineering	\$1,000.00	\$31,000.00	\$28,979.55		Jun-20
FA	90 Homeless Encampment Cleanup	\$5,000.00	\$5,000.00			Jun-20
	<b>TOTALS</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$33,746.02</b>	<b>33.7%</b>	

Delays or Problem Areas:

**Work completed during prior Fiscal Year:**

Cleaned Cedar Avenue channel twice a year (CACH 0000-0148) and graffiti removal. Routine maintenance work activities.

**Work to be completed during current Fiscal Year:**

Inspect and clean storm drain facilities. Clean open channel twice a year (CACH 0000-0148) and graffiti removal. Routine maintenance work activities.

Consultant/Contractor: N/A  
Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541



# REGIONAL FLOOD CONTROL DISTRICT MAINTENANCE WORK PROGRAM THIRD QUARTER - FY 2019-20

MWP Facility #: LV52  
 Facility Name: Gowan/Angel Pk/Lone Mtn System  
 MP Facility ID: GONO 0000 - 0110, GOSO 0000 - 0462, GODU 0000 - 0050, GOL5 0000-0032  
 GOOF 0427 - 0775, GOCR 0180 - 0201, GOLB 0000 - 0030, GOL3 0000-0214  
 GOLM 0000 - 0277, GOBU 0000 - 0136, GOBW 0051-0310, GOBX 0000-0009  
 APDG 0000 - 0060, APOF 0000 - 0124, APP1 0000 - 0056, GOTE 0000, GOB3 0000  
 GO02 0000 - 0257, APNO 0015, APNO 0012, GOLO 0152-0332, APNO 0001-0004  
 APSP 0000 - 0183, APBE 0000 - 0122, APSO 0000, APSO 0020, GOBE 0000-0139  
 APSO 0204, APSO 0254, APSO 0255, APSO 0345, APMD 0027, APD2 0000 - 0002  
 APMD 0132, APMD 0190 - 0258, GOL2 0000 - 0014, APD3 0000 - 0021, GOWC 0000,  
 GOL4 0000 - 0026, APFH 0000 - 0089, APM5 0000, APAD 0000 - 0225, APCB 0000 - 0080

Entity: City of Las Vegas  
 Date Prepared: 4/30/2020

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$7,000.00	\$7,000.00			Jun-20
FA 05	Inspect Channels	\$6,000.00	\$6,000.00			Jun-20
FA 06	Inspect Levees/Detention and Debris Basins	\$5,000.00	\$5,000.00			Jun-20
FA 08	Species Survey and Removal	\$20,000.00	\$10,000.00			Jun-20
	10 Clean and Reshape Channels/Levees	\$10,000.00	\$10,000.00			Jun-20
FA 15	Repair Lined Channel	\$95,000.00	\$20,000.00			Jun-20
FA 20	Erosion Control and Repair	\$50,000.00	\$20,000.00			Jun-20
FA 21	Provide/Maintain Dust Control	\$10,000.00	\$10,000.00			Jun-20
FA 25	Clean Detention Debris Basins	\$95,000.00	\$20,000.00			Jun-20
FA 35	Fence Repair	\$50,000.00	\$20,000.00			Jun-20
	40 Vegetation Control - Chemical	\$2,000.00	\$2,000.00			Jun-20
FA 45	Vegetation Control - Mechanical	\$20,000.00	\$10,000.00			Jun-20
	50 Maintain Access Road	\$5,000.00	\$5,000.00			Jun-20
FA 55	Clean & Inspect Inlet/Outlet Structures	\$40,000.00	\$20,000.00			Jun-20
FA 60	Repair Inlet/Outlet Structures	\$120,000.00	\$32,000.00	\$5,695.00		Jun-20
	65 Clean Storm Sewer Lines	\$10,000.00	\$10,000.00			Jun-20
FA 70	Storm Sewer Repair	\$40,000.00	\$40,000.00			Jun-20
FA 75	Clean/Flush Culverts & Bridges	\$45,000.00	\$45,000.00			Jun-20
FA 80	Miscellaneous Work Activities	\$10,000.00	\$10,000.00			Jun-20
FA 85	Engineering	\$50,000.00	\$50,000.00	\$28,920.12		Jun-20
FA 90	Homeless Encampment Cleanup	\$10,000.00	\$10,000.00			Jun-20
	<b>TOTALS</b>	<b>\$700,000.00</b>	<b>\$362,000.00</b>	<b>\$34,615.12</b>	<b>9.6%</b>	

## Delays or Problem Areas:

## Work completed during prior Fiscal Year:

Reseal joints along the beltway channel. Cleaned and inspected detention basins. Removed sediments along the beltway channel. Re-applied Joint Seal in Gowan North DB. Routine maintenance work activities.

## Work to be completed during current Fiscal Year:

Graffiti and trash removal. Vegetation control and sediment removal throughout the detention basins. Construct Maintenance Access Road to Gowan South and North DB. Install Trash Rack and erosion repair in Lone Mountain DB. Routine maintenance work activities.

Consultant/Contractor: N/A

Project

Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E.

Phone Number:

702-229-6541



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
THIRD QUARTER - FY 2019-20**

MWP Facility #: LV53  
 Facility Name: Lake Mead/Smoke Ranch/Washington System  
 MP Facility ID: LVLM 0336 - 0525, LVSR 0312 - 0525,  
LV15 0284 - 0474, LVOW 0000 - 0355,  
LVRA 0000 - 0066, LVPK 0000 - 0130

Entity: City of Las Vegas  
 Date Prepared: 4/30/2020

Force Account/ Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA	03 Facility Assessment and Inventory	\$5,000.00	\$5,000.00			Jun-20
FA	05 Inspect Channels	\$10,000.00	\$5,000.00			Jun-20
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
FA	10 Clean and Reshape Channels/Levees	\$2,500.00	\$2,500.00			Jun-20
FA	15 Repair Lined Channel	\$3,500.00	\$3,500.00			Jun-20
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
FA	35 Fence Repair	\$2,000.00	\$2,000.00			Jun-20
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
FA	55 Clean & Inspect Inlet/Outlet Structures	\$16,000.00	\$16,000.00			Jun-20
FA	60 Repair Inlet/Outlet Structures	\$5,000.00	\$5,000.00			Jun-20
FA	65 Clean Storm Sewer Lines	\$2,500.00	\$2,500.00			Jun-20
FA	70 Storm Sewer Repair	\$28,000.00	\$28,000.00			Jun-20
	75 Clean/Flush Culverts & Bridges	\$15,000.00	\$10,000.00			Jun-20
FA	80 Miscellaneous Work Activities	\$2,500.00	\$2,500.00			Jun-20
FA	85 Engineering	\$3,000.00	\$13,000.00	\$8,192.17		Jun-20
FA	90 Homeless Encampment Cleanup	\$5,000.00	\$5,000.00			Jun-20
	<b>TOTALS</b>	<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$8,192.17</b>	<b>8.2%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Routine maintenance work activities.

**Work to be completed during current Fiscal Year:**

Remove debris, clean drop inlets, and repair any damages. Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
THIRD QUARTER - FY 2019-20**

MWP Facility #: LV54  
Facility Name: Las Vegas Wash System  
MP Facility ID: LVMD 1069 - 1354

Entity: City of Las Vegas  
Date Prepared: 4/30/2020

Force Account/ Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$25,000.00				Jun-20
FA 05	Inspect Channels	\$20,000.00				Jun-20
	06 Inspect Levees/Detention and Debris Basins					
FA 08	Species Survey and Removal	\$10,000.00				Jun-20
FA 10	Clean and Reshape Channels/Levees	\$75,000.00	\$55,000.00	\$50,187.60		Jun-20
FA 15	Repair Lined Channel	\$300,000.00	\$253,000.00			Jun-20
	20 Erosion Control and Repair	\$5,000.00				Jun-20
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins		\$2,000.00	\$1,122.98		
FA 35	Fence Repair	\$20,000.00	\$60,000.00	\$57,657.26		Jun-20
	40 Vegetation Control - Chemical					
FA 45	Vegetation Control - Mechanical	\$173,000.00	\$121,000.00	\$120,764.00		Jun-20
	50 Maintain Access Road	\$2,000.00	\$51,000.00	\$50,187.60		Jun-20
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures		\$205,000.00	\$200,750.40		
	65 Clean Storm Sewer Lines					
FA 70	Storm Sewer Repair	\$5,000.00				Jun-20
FA 75	Clean/Flush Culverts & Bridges	\$5,000.00	\$16,000.00	\$15,755.91		Jun-20
FA 80	Miscellaneous Work Activities	\$10,000.00	\$110,000.00	\$104,029.37		Jun-20
FA 85	Engineering	\$30,000.00	\$65,000.00	\$55,230.89		Jun-20
FA 90	Homeless Encampment Cleanup	\$20,000.00				Jun-20
	<b>TOTALS</b>	<b>\$700,000.00</b>	<b>\$938,000.00</b>	<b>\$655,686.01</b>	<b>69.9%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Bi-annual vegetation control and erosion control along the Las Vegas Wash. Repaired Mat along Las Vegas Wash between Washington Avenue and Stewart Avenue (LVMD 1120 - 1178) for erosion control. Removed sediments and trash.

**Work to be completed during current Fiscal Year:**

Address standing water at the Bonanza system Outlet. Provide bi-annual vegetation control. Continue with the sediment removal. Routine maintenance work activities.

Consultant/Contractor: N/A  
Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
THIRD QUARTER - FY 2019-20**

MWP Facility #: LV55  
 Facility Name: Meadows/Oakey System  
 MP Facility ID: LCME 0000 - 0085, MECH 0108 - 0420,  
MEAL 0000 - 0258, MEPA 0000 - 0025, MEOK 0000 - 0217

Entity: City of Las Vegas  
 Date Prepared: 4/30/2020

Force Account/ Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA	03 Facility Assessment and Inventory	\$10,000.00				Jun-20
	05 Inspect Channels	\$1,000.00				Jun-20
	06 Inspect Levees/Detention and Debris Basins	\$1,000.00				Jun-20
	08 Species Survey and Removal	\$2,000.00				Jun-20
FA	10 Clean and Reshape Channels/Levees	\$10,000.00				Jun-20
FA	15 Repair Lined Channel	\$6,000.00				Jun-20
	20 Erosion Control and Repair	\$7,500.00				Jun-20
	21 Provide/Maintain Dust Control					
FA	25 Clean Detention Debris Basins	\$10,000.00				Jun-20
	35 Fence Repair	\$2,000.00				Jun-20
	40 Vegetation Control - Chemical	\$2,000.00				Jun-20
	45 Vegetation Control - Mechanical	\$5,000.00				Jun-20
FA	50 Maintain Access Road	\$5,000.00				Jun-20
FA	55 Clean & Inspect Inlet/Outlet Structures	\$8,000.00				Jun-20
FA	60 Repair Inlet/Outlet Structures	\$8,000.00				Jun-20
	65 Clean Storm Sewer Lines	\$2,000.00				Jun-20
FA	70 Storm Sewer Repair	\$7,500.00				Jun-20
FA	75 Clean/Flush Culverts & Bridges	\$1,000.00				Jun-20
FA	80 Miscellaneous Work Activities	\$2,000.00				Jun-20
FA	85 Engineering	\$5,000.00		\$3,405.25		Jun-20
FA	90 Homeless Encampment Cleanup	\$5,000.00				Jun-20
	<b>TOTALS</b>	<b>\$100,000.00</b>	<b>\$0.00</b>	<b>\$3,405.25</b>	<b>3.4%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Removed sediment and Vegetation control from Oakey DB and Meadows DB. Vegetation control and repair spalling in the spillway in the Meadows DB. Routine maintenance work activities.

**Work to be completed during current Fiscal Year:**

Continue to repair and clean storm drain facilities. Remove sediment and vegetation from the detention basins. Repair embankment erosions in the detention basins. Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
THIRD QUARTER - FY 2019-20**

MWP Facility #: LV56  
 Facility Name: Washington Ave/Las Vegas Creek System  
 MP Facility ID: LCLT 0000 - 0034, WAPR 0000 - 0132, FWRR 0000-0010  
FWUP 0000 - 0100, LVWH 0086 - 0484, FWR2 0000-0020  
FW15 0000 - 0301, FWOK 0000 - 0100, FWWL 0000,  
FWCH 0000 - 0060, FWSH 0000, LCCH 0513 - 0543,  
LCLO 0000 - 0054, WAGC 0000 - 0060, CHRA 0000 - 0014

Entity: City of Las Vegas  
 Date Prepared: 4/30/2020

Force Account/ Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$10,000.00	\$1,000.00			Jun-20
FA 05	Inspect Channels	\$10,000.00	\$1,000.00			Jun-20
	06 Inspect Levees/Detention and Debris Basins	\$2,000.00	\$2,000.00			Jun-20
	08 Species Survey and Removal					
FA 10	Clean and Reshape Channels/Levees	\$57,500.00	\$2,500.00			Jun-20
FA 15	Repair Lined Channel	\$50,000.00	\$1,000.00			Jun-20
	20 Erosion Control and Repair	\$5,000.00	\$3,000.00			Jun-20
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins	\$10,000.00	\$5,000.00			Jun-20
	35 Fence Repair	\$5,000.00	\$25,000.00	\$22,400.40		Jun-20
	40 Vegetation Control - Chemical	\$2,000.00	\$1,000.00			Jun-20
	45 Vegetation Control - Mechanical	\$2,000.00	\$1,000.00			Jun-20
	50 Maintain Access Road	\$1,000.00	\$1,000.00			Jun-20
FA 55	Clean & Inspect Inlet/Outlet Structures	\$20,000.00	\$1,000.00			Jun-20
FA 60	Repair Inlet/Outlet Structures	\$5,000.00	\$1,000.00			Jun-20
FA 65	Clean Storm Sewer Lines	\$10,000.00				Jun-20
FA 70	Storm Sewer Repair	\$7,500.00	\$2,500.00			Jun-20
FA 75	Clean/Flush Culverts & Bridges	\$5,000.00	\$1,000.00			Jun-20
FA 80	Miscellaneous Work Activities	\$5,000.00	\$1,000.00			Jun-20
FA 85	Engineering	\$8,000.00	\$26,000.00	\$19,755.76		Jun-20
FA 90	Homeless Encampment Cleanup	\$10,000.00	\$1,000.00			Jun-20
	<b>TOTALS</b>	<b>\$225,000.00</b>	<b>\$77,000.00</b>	<b>\$42,156.16</b>	<b>54.7%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Removed and cleared vegetation from the Rainbow Detention Basins. Removed sediments and cleared vegetation from the Freeway Channel openings along I-15 and Veterans Memorial Drive. Routine maintenance work activities.

**Work to be completed during current Fiscal Year:**

Install trash racks in Rainbow DB inlet and outlet pipe. Install trash rack on FW150214. Remove sediments and clear vegetation from the Freeway Channel openings along I-15 and Veterans Memorial Drive. Clean Las Vegas Creek Channel. Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
THIRD QUARTER - FY 2019-20**

MWP Facility #: LV57  
 Facility Name: US95/OuterBeltway/Ann Road System  
 MP Facility ID: RCHO 0000 - 0071, ANWE 0127 - 0385, CNWE 0020-0314  
 RCHB 0171 - 0275, RCHB 0120, RCHB 0000-0083, RCBC 0000-0140  
 EKDB 0000 - 0070, GOAN 0000 - 0061, GOAN 0065-0127  
 CNGT 0000 - 0247, CNKC 0000 - 0050, LVMD 2324 - 2789  
 EKHU 0000 - 0023, BCHU 0000 - 0054, ANRB 0000-0050  
 MSNV 0000, LVMJ 0000-0100, LVDE 0000-0027, MOHU 0167-0180  
 CN95 0000 - 0333, EKBU 0000, LVMD 3313-3316  
 RACO 0000-0064, BRDB 0000-0058, TSDB 0000-0012

Entity: City of Las Vegas  
 Date Prepared: 4/30/2020

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
FA	03 Facility Assessment and Inventory	\$10,000.00				Jun-20
	05 Inspect Channels	\$5,000.00				Jun-20
	06 Inspect Levees/Detention and Debris Basins	\$5,000.00				Jun-20
	08 Species Survey and Removal	\$2,000.00				Jun-20
	10 Clean and Reshape Channels/Levees	\$5,000.00				Jun-20
FA	15 Repair Lined Channel	\$50,000.00	\$60,000.00	\$57,246.20		Jun-20
FA	20 Erosion Control and Repair	\$105,000.00				Jun-20
FA	21 Provide/Maintain Dust Control	\$50,000.00				Jun-20
FA	25 Clean Detention Debris Basins	\$395,000.00	\$675,000.00	\$646,142.77		Jun-20
FA	35 Fence Repair	\$20,000.00	\$10,000.00	\$7,112.45		Jun-20
	40 Vegetation Control - Chemical	\$5,000.00				Jun-20
	45 Vegetation Control - Mechanical	\$5,000.00				Jun-20
FA	50 Maintain Access Road	\$50,000.00	\$138,000.00	\$127,983.84		Jun-20
FA	55 Clean & Inspect Inlet/Outlet Structures	\$20,000.00				Jun-20
FA	60 Repair Inlet/Outlet Structures	\$100,000.00	\$20,000.00			Jun-20
FA	65 Clean Storm Sewer Lines	\$20,000.00				Jun-20
FA	70 Storm Sewer Repair	\$20,000.00				Jun-20
FA	75 Clean/Flush Culverts & Bridges	\$10,000.00	\$120,000.00	\$111,608.79		Jun-20
FA	80 Miscellaneous Work Activities	\$10,000.00	\$25,000.00	\$23,811.25		Jun-20
FA	85 Engineering	\$8,000.00	\$100,000.00	\$91,603.84		Jun-20
FA	90 Homeless Encampment Cleanup	\$5,000.00				Jun-20
	<b>TOTALS</b>	<b>\$900,000.00</b>	<b>\$1,148,000.00</b>	<b>\$1,065,509.14</b>	<b>92.8%</b>	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Removed debris, sediment, and vegetation control in various detention basins. Repaired inlet erosion in Floyd Lamb DB. Routine maintenance work activities.

Work to be completed during current Fiscal Year:

Sediment and vegetation removal from the detention basins. Add access block to Skye Canyon DB1. Inspect and repair CC215 Channel. Routine maintenance work activities.

Consultant/Contractor: N/A

Project

Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E.

Phone Number:

702-229-6541



REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019-2020

MWP Facility ME01  
Facility Name Mesquite Town Wash  
MP Facility ID TOWA 0000-0201

Entity: City of Mesquite  
Date Prepared: 4/23/2020  
Quarter: 3rd Qrt Jan/Feb/Mar 20

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00		\$ 269.40		
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 6,900.00		\$ 913.80		
	15 Repair Lined Channel	\$ 3,000.00				
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 3,800.00		\$ -		
	45 Vegetation Control - Mechanical	\$ 2,000.00		\$ -		
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 3,000.00		\$ -		
	85 Engineering					
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	\$19,000.00	\$0.00	\$1,183.20	6%	30-Jun-20

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/

Contractor: N/A

Project

Manager:



Travis H. Anderson P.E - PW Director

Phone Number: 702-346-5237

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019-2020

MWP Facility # ME02  
Facility Name: Abbott Wash Channel  
MP Facility ID: ABWA 0000-0233

Entity: City of Mesquite  
Date Prepared: 4/23/2020  
Quarter: 3rd Qrt Jan/Feb/Mar 20

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00		\$ 269.40		
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 3,000.00		\$ 2,562.92		
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 3,000.00		\$ 476.28		
	21 Provide/Maintain Dust Control	\$ 2,000.00		\$ -		
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 2,500.00		\$ -		
	45 Vegetation Control - Mechanical	\$ 1,000.00		\$ -		
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$ 500.00		\$ -		
	80 Miscellaneous Work Activities	\$ 2,000.00		\$ -		
	85 Engineering					
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$14,300.00</b>	<b>\$0.00</b>	<b>\$3,308.60</b>	<b>23%</b>	<b>30-Jun-20</b>

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/

Contractor: N/A

Project

Manager:

*Travis H. Anderson*

Travis H. Anderson P.E - PW Director

Phone Number: 702-346-5237

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019-2020

MWP Facility # ME04  
Facility Name Town Wash Detention Basin  
MP Facility ID: TOWA 0237-0267 & MNTD 0000

Entity: City of Mesquite  
Date Prepared: 4/23/2020  
Quarter: 3rd Qrt Jan/Feb/Mar 20

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,600.00	\$ 2,580.00	\$ 2,230.00		
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair		\$ 3,898.69	\$ 3,898.69		
	21 Provide/Maintain Dust Control	\$ 4,000.00	\$ 1,800.43			
	25 Clean Detention Debris Basins	\$ 600,000.00	\$ 600,000.00	\$ 541,300.00		
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road	\$ 800.00	\$ -	\$ -		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 1,000.00	\$ 120.88	\$ 120.88		
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 4,000.00	\$ 5,000.00	\$ 5,000.00		
	85 Engineering	\$ 5,000.00	\$ 4,000.00	\$ 2,395.00		
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$617,400.00</b>	<b>\$617,400.00</b>	<b>\$554,944.57</b>	<b>90%</b>	<b>30-Jun-20</b>

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/  
Contractor:  
Project  
Manager:

N/A

*Travis H. Anderson*

Travis H. Anderson P.E - PW Director

Phone Number: 702-346-5237



REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019-2020

MWP Facility # ME07  
Facility Name Pulsipher Wash  
MP Facility ID: PUWA 0000-0164

Entity: City of Mesquite  
Date Prepared: 4/23/2020  
Quarter: 3rd Qrt Jan/Feb/Mar 20

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00		\$ 269.40		
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 14,000.00		\$ -		
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 7,000.00		\$ -		
	21 Provide/Maintain Dust Control	\$ 2,000.00		\$ -		
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 2,000.00		\$ -		
	45 Vegetation Control - Mechanical	\$ 1,000.00		\$ 295.88		
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 3,100.00		\$ -		
	85 Engineering					
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	\$29,400.00	\$0.00	\$565.28	2%	30-Jun-20

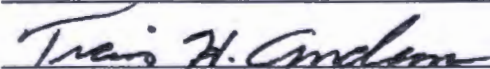
Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/  
Contractor:  
Project  
Manager:

N/A

  
Travis H. Anderson P.E - PW Director

Phone Number: 702-346-5237

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019-2020

MWP Facility # ME08  
Facility Name Abbott Wash Detention Basin  
MP Facility ID: ABWA 0234-0236

Entity: City of Mesquite  
Date Prepared: 4/23/2020  
Quarter: 3rd Qrt Jan/Feb/Mar 20

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,500.00		\$ 1,836.25		
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 5,000.00		\$ 2,296.88		
	21 Provide/Maintain Dust Control	\$ 2,000.00		\$ -		
	25 Clean Detention Debris Basins	\$ 40,000.00		\$ -		
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 1,000.00		\$ -		
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road	\$ 1,000.00		\$ -		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00		\$ -		
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 1,000.00		\$ 176.40		
	85 Engineering	\$ 5,000.00		\$ -		
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	\$60,000.00	\$0.00	\$4,309.53	7%	30-Jun-20

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/  
Contractor:  
Project  
Manager:

N/A

  
Travis H. Anderson P.E - PW Director

Phone Number: 702-346-5237

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2019-2020

MWP Facility # ME09  
Facility Name Pulsipher Wash Detention Basin  
MP Facility ID: PUWA 0166-0168

Entity: City of Mesquite  
Date Prepared: 4/23/2020  
Quarter: 3rd Qrt Jan/Feb/Mar 20

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,500.00		\$ 1,706.25		
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 7,700.00		\$ 1,567.04		
	21 Provide/Maintain Dust Control	\$ 2,000.00		\$ -		
	25 Clean Detention Debris Basins	\$ 10,000.00		\$ -		
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 1,000.00		\$ -		
	45 Vegetation Control - Mechanical	\$ 1,000.00		\$ -		
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00		\$ -		
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 1,000.00		\$ -		
	85 Engineering	\$ 2,000.00		\$ -		
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$29,700.00</b>	<b>\$0.00</b>	<b>\$3,273.29</b>	<b>11%</b>	<b>30-Jun-20</b>

**Delays or problem areas:**

**Work completed during current quarter:**

**Work to be completed during next quarter:**

Consultant/

Contractor: N/A

Project

Manager:



Travis H. Anderson P.E - PW Director

Phone Number: 702-346-5237



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV01  
Facility Name: Las Vegas Wash - "N" Channel  
MP Facility ID: LVNC 0001-0164

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	430.38	69.67	86%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	0.00	0.00		
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 23,500.00	(10,250.03)	\$ 13,249.97	0.00	13,249.97	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ -		\$ -	0.00	0.00		
	21 Provide/Maintain Dust Control	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	40 Vegetation Control - Chemical	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	0.00	0.00		
	50 Maintain Access Road	\$ 7,500.00		\$ 7,500.00	0.00	7,500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,075.00	9,384.28	\$ 23,459.28	23,459.28	0.00	100%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 1,500.00		\$ 1,500.00	0.00	1,500.00	0%	
	80 Miscellaneous Work Activities	\$ 24,000.00	(4,134.23)	\$ 19,865.77	1,820.28	18,045.48	9%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 2,500.00		\$ 2,500.00	2,388.69	111.31	96%	
	<b>TOTALS</b>	<b>\$ 80,075.00</b>	<b>(5,000.00)</b>	<b>\$ 75,075.00</b>	<b>\$ 28,161.55</b>	<b>46,913.45</b>		<b>06/30/20</b>

**Delays or problem areas:** Removed many encampments.

**Work completed during prior fiscal year:** Cleaned the vegetation in the concrete channel, cleaned the outlet structures and provided maintenance of access roads. Removed many homeless encampments that were charged to miscellaneous work activities.

**Work to be completed during current fiscal year:** Clean upper access roadway removing vegetation with mechanical equipment, clean outlet structures. Remove other vegetation and graffiti throughout. Fencing needs will be repaired. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV02  
Facility Name: Las Vegas Wash - Middle  
MP Facility ID: LVMD 1648-1877

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ 2,000.00	(275.10)	\$ 1,726.90	339.59	1,387.31	20%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	0.00	0.00		
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 23,500.00	7,486.44	\$ 30,986.44	30,986.44	0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 3,500.00	(1,500.00)	\$ 2,000.00	0.00	2,000.00	0%	
	21 Provide/Maintain Dust Control	\$ 2,000.00	(1,000.00)	\$ 1,000.00	0.00	1,000.00	0%	
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ 19,000.00	(10,000.00)	\$ 9,000.00	5,430.50	3,569.50	60%	
	40 Vegetation Control - Chemical	\$ 9,000.00	(6,500.00)	\$ 2,500.00	0.00	2,500.00	0%	
	45 Vegetation Control - Mechanical	\$ 15,000.00	(12,500.00)	\$ 2,500.00	0.00	2,500.00	0%	
	50 Maintain Access Road	\$ 17,500.00	(15,000.00)	\$ 2,500.00	0.00	2,500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 5,000.00	(2,000.00)	\$ 3,000.00	0.00	3,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(5,000.00)	\$ 9,071.00	2,763.22	6,287.78	31%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 5,000.00	(2,000.00)	\$ 3,000.00	0.00	3,000.00	0%	
	80 Miscellaneous Work Activities	\$ 36,500.00	(14,622.09)	\$ 21,877.91	11,313.04	10,564.87	52%	
	85 Engineering	\$ -		\$ -		0.00		
	90 Homeless Encampment Clean Up	\$ 25,000.00	(7,500.00)	\$ 17,500.00	11,709.45	5,790.55	67%	
	<b>TOTALS</b>	<b>\$ 177,571.00</b>	<b>(70,486.75)</b>	<b>\$ 107,162.25</b>	<b>62,625.22</b>	<b>44,537.03</b>		<b>06/30/20</b>

**Delays or problem areas:** Removed many encampments.

**Work completed during prior fiscal year:** Staff has completed major vegetation removal and maintenance of the access roads and cleaned the trash within the channel. Major fence repairs were required. Major homeless encampment cleanup took place.

**Work to be completed during current fiscal year:** Staff will clean all of the channels within and provide maintenance of all access roads. Repair fences, concrete, and erosion as needed, and remove vegetation, debris and graffiti throughout. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor: \_\_\_\_\_  
Project  
Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV03  
Facility Name: Las Vegas Wash - King Charles Channel  
MP Facility ID: LVKC 0000-0097

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	155.16	344.84	31%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	0.00	0.00		
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 4,000.00	23,585.64	\$ 27,585.64	27,585.64	0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	21 Provide/Maintain Dust Control	\$ -		\$ -	0.00	0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	0.00	0.00		
	50 Maintain Access Road	\$ 1,000.00		\$ 1,000.00	0.00	1,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00		\$ 14,071.00	7,601.14	6,469.86	54%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	80 Miscellaneous Work Activities	\$ 26,500.00	(6,449.99)	\$ 20,050.01	0.00	20,050.01	0%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 13,000.00		\$ 13,000.00	633.48	12,366.52	5%	
	<b>TOTALS</b>	<b>70,071.00</b>	<b>17,135.65</b>	<b>\$ 87,206.65</b>	<b>\$ 36,038.40</b>	<b>51,168.25</b>		<b>06/30/20</b>

**Delays or problem areas:** Removed many encampments.

**Work completed during prior fiscal year:** General maintenance was completed. Removed several homeless encampments.

**Work to be completed during current fiscal year:** Clean vegetation, graffiti and debris from the channel, repair fencing as needed, and clean inlets and outlets. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor: \_\_\_\_\_  
Project  
Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV04  
Facility Name: Vandenberg Detention Basin  
MP Facility ID: RWWE 0055-0350, RWWE 0363, RWRR 0000-0092,  
RWWA 0000-0104, RWLA 0000-0047, RWCC 0000

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	0.00	500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,500.00		\$ 1,500.00	245.90	1,254.10	16%	
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 4,000.00	388.16	\$ 4,388.16	4,388.16	0.00	100%	
	15 Repair Lined Channel	\$ 180,073.00	(120,774.63)	\$ 59,298.37	0.00	59,298.37	0%	
	20 Erosion Control and Repair	\$ 13,000.00	(4,388.16)	\$ 8,611.84	0.00	8,611.84	0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00		\$ 10,000.00	0.00	10,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 8,000.00		\$ 8,000.00	0.00	8,000.00	0%	
	35 Fence Repair	\$ 13,000.00	(7,420.00)	\$ 5,579.40	0.00	5,579.40	0%	
	40 Vegetation Control - Chemical	\$ 5,000.00		\$ 5,000.00	1,069.45	3,930.55	21%	
	45 Vegetation Control - Mechanical	\$ 1,000.00		\$ 1,000.00	0.00	1,000.00	0%	
	50 Maintain Access Road	\$ 1,500.00		\$ 1,500.00	0.00	1,500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	15,574.10	\$ 29,645.10	29,645.10	0.00	100%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	80 Miscellaneous Work Activities	\$ 23,000.00		\$ 23,000.00	10,485.03	12,514.97	46%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 2,500.00		\$ 2,500.00	0.00	2,500.00	0%	
	<b>TOTALS</b>	<b>\$ 281,144.00</b>	<b>(116,821.13)</b>	<b>\$ 164,322.87</b>	<b>\$ 45,896.62</b>	<b>118,426.25</b>		<b>06/30/20</b>

**Delays or problem areas:** Removed many encampments.

**Work completed during prior fiscal year:** Staff provided erosion control, dust control, fence repairs and vegetation removal along embankment slopes and access roads. Staff cleaned, inspected and maintained channels, inlet and outlet structures, and removed debris and graffiti as needed. Due to the high cost of replacement in NLV 4 staff will continue to repair the damaged concrete in smaller sections.

**Work to be completed during current fiscal year:** Staff will continue to provide erosion control, dust control, fence repairs and vegetation removal along embankment slopes and access roads. Staff will clean, inspect and maintain channels, inlet and outlet structures, and remove debris and graffiti as needed. First phase of estimated three phases to remove and replace the concrete on lined channel for Vandenberg Channel between Lone Mountain & Craig Road. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020**  
FY 2019-2020

MWP Facility #: NLV05  
Facility Name: North Las Vegas Detention Basin  
MP Facility ID: LVUP 0388-0405, EKEA 0000,0013

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	0.00	500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 4,500.00		\$ 4,500.00	542.43	3,957.57	12%	
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ -		\$ -	0.00	0.00		
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ -		\$ -	0.00	0.00		
	21 Provide/Maintain Dust Control	\$ 20,000.00	(10,000.00)	\$ 10,000.00	0.00	10,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 80,000.00	(42,500.10)	\$ 37,499.90	0.00	37,499.90	0%	
	35 Fence Repair	\$ 4,000.00		\$ 4,000.00	0.00	4,000.00	0%	
	40 Vegetation Control - Chemical	\$ -		\$ -	0.00	0.00		
	45 Vegetation Control - Mechanical	\$ 43,000.00	(18,862.33)	\$ 24,137.78	0.00	24,137.78	0%	
	50 Maintain Access Road	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ -		\$ -	0.00	0.00		
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ -		\$ -	0.00	0.00		
	80 Miscellaneous Work Activities	\$ 21,500.00	23,862.22	\$ 45,362.22	45,362.22	0.00	100%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 179,500.00</b>	<b>(47,500.10)</b>	<b>\$ 131,999.90</b>	<b>\$ 45,967.63</b>	<b>86,032.27</b>		<b>06/30/20</b>

**Delays or problem areas:** Excessive fence penetrations from offroad vehicles causing extensive repairs.

**Work completed during prior fiscal year:** Staff provided erosion control, dust control as needed, fence repairs as needed, provided vegetation removal, cleaned inlets and outlets and maintained access roads.

**Work to be completed during current fiscal year:** Staff will provide erosion control, maintain dust control, maintain access roads, clean outlets and inlets, remove vegetation and graffiti, and provide fence repairs.

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020**

FY 2019-2020

MWP Facility #: NLV06  
Facility Name: Upper Las Vegas Wash Detention Basin and Moccasin Levee  
MP Facility ID: LVUP 0908-1077

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.88	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	0.00	500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 5,500.00	(3,367.89)	\$ 2,132.31	542.43	1,589.88	25%	
	8 Species Survey and Removal	\$ 3,000.00	(2,000.00)	\$ 1,000.00	0.00	1,000.00	0%	
	10 Clean and Reshape Channel/Levees	\$ 8,000.00	(6,000.00)	\$ 2,000.00	0.00	2,000.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 40,000.00	(31,000.00)	\$ 9,000.00	0.00	9,000.00	0%	
	21 Provide/Maintain Dust Control	\$ 20,000.00	(15,000.00)	\$ 5,000.00	0.00	5,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 40,000.00	(31,708.91)	\$ 8,291.09	0.00	8,291.09	0%	
	35 Fence Repair	\$ 4,500.00	(2,500.00)	\$ 2,000.00	0.00	2,000.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 5,500.00	(1,991.29)	\$ 3,598.71	0.00	3,598.71	0%	
	50 Maintain Access Road	\$ 1,500.00		\$ 1,500.00	0.00	1,500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ -		\$ -	0.00	0.00		
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ -		\$ -	0.00	0.00		
	80 Miscellaneous Work Activities	\$ 20,500.00		\$ 20,500.00	9,862.69	10,637.31	48%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 152,500.00</b>	<b>(93,477.89)</b>	<b>\$ 59,022.11</b>	<b>\$ 10,468.10</b>	<b>48,554.01</b>		<b>06/30/20</b>

**Delays or problem areas:** Continued to work with Las Vegas to remove debris being dumped. Due to Tule Springs development we have seen an increased amount of offroad vehicles in this area.

**Work completed during prior fiscal year:** Staff provided erosion control, dust control as needed, fence repairs, vegetation removal, cleaned inlet and outlet structures, maintained access roads and provided scheduled maintenance on the levee. Created an access road per Regional flood request. Major erosion repairs.

**Work to be completed during current fiscal year:** Staff will continue erosion repairs on north side of levee, bottom of DB, and along Decatur; silt build-up inside DB and grading of inside basin access road; and vandalism in outlet structure. Staff will provide erosion and dust control, remove vegetation, provide fence repairs, clean outlets and inlets, maintain access roads and inspect/monitor levee.

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020**  
FY 2019-2020

MWP Facility #: NLV07  
Facility Name: Carey/Lake Mead Detention Basin  
MP Facility ID: LVLN 0000-0270, LVCS 0000-0050

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ -		\$ -	0.00	0.00		
	8 Inspect Levees/Detention Basin & Debris Basins	\$ 1,800.00		\$ 1,800.00	419.48	1,380.52	23%	
	8 Species Survey and Removal	\$ 1,500.00		\$ 1,500.00	0.00	1,500.00	0%	
	10 Clean and Reshape Channel/Levees	\$ -		\$ -	0.00	0.00		
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 15,000.00	(9,556.68)	\$ 5,443.32	0.00	5,443.32	0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00	(2,500.00)	\$ 7,500.00	0.00	7,500.00	0%	
	25 Clean Detention/Debris Basin	\$ 12,000.00	198,772.70	\$ 210,772.70	210,772.70	0.00	100%	
	35 Fence Repair	\$ 6,500.00	(1,500.00)	\$ 5,000.00	625.00	4,375.00	13%	
	40 Vegetation Control - Chemical	\$ 5,000.00		\$ 5,000.00	2,031.45	2,968.55	41%	
	45 Vegetation Control - Mechanical	\$ 10,000.00	31,367.69	\$ 41,367.69	41,367.69	0.00	100%	
	50 Maintain Access Road	\$ -		\$ -	0.00	0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 5,000.00	(2,000.00)	\$ 3,000.00	1,912.34	1,087.66	36%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00		\$ 14,071.00	3,963.37	10,107.63	28%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	(500.00)	\$ 1,500.00	0.00	1,500.00	0%	
	80 Miscellaneous Work Activities	\$ 19,700.00	27,840.38	\$ 47,540.38	47,540.38	0.00	100%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 3,500.00	(1,786.59)	\$ 1,713.41	0.00	1,713.41	0%	
	<b>TOTALS</b>	<b>\$ 106,571.00</b>	<b>240,137.50</b>	<b>\$ 346,708.50</b>	<b>\$ 307,870.71</b>	<b>38,837.79</b>		<b>06/30/20</b>

**Delays or problem areas:** Removed many encampments.

**Work completed during prior fiscal year:** Staff provided erosion control, cleaned trash and debris, and removed vegetation from rocky areas. Fencing was repaired, cleaned outlet structures, maintained access road, and provided major dust control. Homeless encampment clean up upon occurrence.

**Work to be completed during current fiscal year:** Staff will provide dust control, vegetation removal, and repair damage fencing as needed. Clean along perimeter fence, and repair erosion along outer slopes. Boxes will be cleaned. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020**  
FY 2019-2020

MWP Facility #: NLV08  
Facility Name: Gowan Outfall Channel  
MP Facility ID: GOOF 0000-0224, GOCR 0000-0080,  
GOLO 0000-0100

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	155.16	344.84	31%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	0.00	0.00		
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 3,500.00	(2,000.00)	\$ 1,500.00	0.00	1,500.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ -		\$ -	0.00	0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	0.00	0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ 7,500.00	(4,000.00)	\$ 3,500.00	0.00	3,500.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00	(2,000.00)	\$ 1,000.00	0.00	1,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 3,000.00	(2,000.00)	\$ 1,000.00	0.00	1,000.00	0%	
	50 Maintain Access Road	\$ -		\$ -	0.00	0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00		\$ 14,071.00	0.00	14,071.00	0%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 8,000.00	(4,000.00)	\$ 4,000.00	0.00	4,000.00	0%	
	80 Miscellaneous Work Activities	\$ 24,000.00	(401.29)	\$ 23,598.71	547.67	23,051.04	2%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 10,000.00		\$ 10,000.00	0.00	10,000.00	0%	
	<b>TOTALS</b>	<b>\$ 74,071.00</b>	<b>(14,401.29)</b>	<b>\$ 59,669.71</b>	<b>\$ 765.81</b>	<b>58,903.90</b>		<b>06/30/20</b>

**Delays or problem areas:** Responded to many major encampments.

**Work completed during prior fiscal year:** Repaired fencing, provided vegetation removal using mower, and maintained access roads. Homeless encampment clean up upon occurrence

**Work to be completed during current fiscal year:** Staff will remove any trash and debris, repair fencing, maintain access roads, remove vegetation and graffiti and clean inlet and outlet structures. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV10  
Facility Name: Upper Las Vegas Wash  
MP Facility ID: LVUP 0446-0493

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	184.43	315.57	37%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	0.00	0.00		
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ -		\$ -	0.00	0.00		
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ -		\$ -	0.00	0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	0.00	0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ -		\$ -	0.00	0.00		
	40 Vegetation Control - Chemical	\$ -		\$ -	0.00	0.00		
	45 Vegetation Control - Mechanical	\$ -		\$ -	0.00	0.00		
	50 Maintain Access Road	\$ -		\$ -	0.00	0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ -	6,978.98	\$ 6,978.98	6,978.98	0.00	100%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ -		\$ -	0.00	0.00		
	80 Miscellaneous Work Activities	\$ 22,000.00	21,890.58	\$ 43,890.58	43,890.58	0.00	100%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 23,000.00</b>	<b>28,869.56</b>	<b>\$ 51,869.56</b>	<b>\$ 51,116.97</b>	<b>752.59</b>		<b>06/30/20</b>

**Delays or problem areas:** Foot traffic and minor offroad vehicle traffic have been noticed due to increase in surrounding development.

**Work completed during prior fiscal year:** Staff provided erosion control, dust control, and removed vegetation.

**Work to be completed during current fiscal year:** Staff will remove any debris and trash, and remove vegetation and provide erosion and dust control within the channel. Maintain restricted access roads by clearing out any vegetation and adding any regrinds to mitigate any dust activities.

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020**  
FY 2019-2020

MWP Facility #: NLV11  
Facility Name: Clayton Street Channel  
MP Facility ID: LV03 0000-0131, LVSM 0000-0109

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.08	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	262.01	237.99	52%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	0.00	0.00		
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 5,000.00		\$ 5,000.00	0.00	5,000.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ -		\$ -	0.00	0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	0.00	0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ 4,500.00		\$ 4,500.00	2,829.00	1,671.00	63%	
	40 Vegetation Control - Chemical	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -	4,314.12	\$ 4,314.12	4,314.12	0.00	100%	
	50 Maintain Access Road	\$ -		\$ -	0.00	0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00		\$ 14,071.00	8,262.67	4,808.33	66%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 1,000.00		\$ 1,000.00	0.00	1,000.00	0%	
	80 Miscellaneous Work Activities	\$ 22,000.00	(4,314.12)	\$ 17,685.88	1,021.49	16,664.39	6%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	<b>TOTALS</b>	<b>\$ 56,071.00</b>	<b>0.00</b>	<b>\$ 56,071.00</b>	<b>\$ 17,752.27</b>	<b>38,318.73</b>		<b>06/30/20</b>

**Delays or problem areas:** Removed many encampments.

**Work completed during prior fiscal year:** Staff repaired fencing, provided vegetation removal, and cleaned inlet and outlet structures. Removed homeless encampment upon occurrence

**Work to be completed during current fiscal year:** Staff will provide fencing repairs as needed, provide vegetation removal, and clean inlet and outlet structures. Repair erosion at mid channel west side shoulder and at Tropical Parkway at the back of sidewalk. Homeless encampment clean up upon occurrence

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV12  
Facility Name: Lower Las Vegas Detention Basin  
MP Facility ID: LVMD 1905-2055

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	500.00	500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 3,000.00		\$ 3,000.00	726.86	2,273.14	24%	
	8 Species Survey and Removal	\$ 1,500.00	(500.00)	\$ 1,000.00	0.00	1,000.00	0%	
	10 Clean and Reshape Channel/Levees	\$ -		\$ -	0.00	0.00		
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 15,000.00	(8,138.26)	\$ 6,861.75	0.00	6,861.75	0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00	(3,400.00)	\$ 6,600.00	0.00	6,600.00	0%	
	25 Clean Detention/Debris Basin	\$ 10,000.00	151,264.52	\$ 161,264.52	161,264.52	0.00	100%	
	35 Fence Repair	\$ 6,500.00		\$ 6,500.00	0.00	6,500.00	0%	
	40 Vegetation Control - Chemical	\$ 7,000.00	(869.74)	\$ 6,130.26	0.00	6,130.26	0%	
	45 Vegetation Control - Mechanical	\$ -	3,647.88	\$ 3,647.88	3,647.88	0.00	100%	
	50 Maintain Access Road	\$ 1,000.00		\$ 1,000.00	0.00	1,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00	4,222.81	\$ 6,222.81	6,222.81	0.00	100%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00		\$ 14,071.00	1,498.52	12,572.48	11%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 2,500.00		\$ 2,500.00	0.00	2,500.00	0%	
	80 Miscellaneous Work Activities	\$ 20,500.00	26,691.45	\$ 47,191.45	47,191.45	0.00	100%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 2,500.00	319.02	\$ 2,819.02	2,819.02	0.00	100%	
	<b>TOTALS</b>	<b>\$ 96,571.00</b>	<b>173,237.69</b>	<b>\$ 269,808.69</b>	<b>\$ 223,429.04</b>	<b>46,379.65</b>		<b>06/30/20</b>

**Delays or problem areas:** Removed many encampments.

**Work completed during prior fiscal year:** Staff provided erosion control, fencing repairs, removed vegetation, cleaned inlet and outlet structures, maintained access roads, and removed large amount of trash and debris from rain events. Fence repairs were completed and homeless encampment clean up upon occurrence

**Work to be completed during current fiscal year:** Staff will remove trash and debris, provide fencing repairs as needed, maintain access roads, clear out vegetation, clean inlet and outlet structures, and remediate any rills within the embankment. Remove/clean vegetation, trash, and debris north of pedestrian bridge, and repair erosion on south abutment slope and north of pedestrian bridge. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor:  
Project  
Manager: John Runiks

833-1267



**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV13  
Facility Name: West Trib - Ranch House Rd to Lower LV DB  
MP Facility ID: ANWE 0000-0122, CNWE 0000-0005  
LVMD 2060-2322, GTEA 0000-0139, AVHR 0020

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	368.83	131.17	74%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	0.00	0.00		
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 6,000.00		\$ 6,000.00	0.00	6,000.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	21 Provide/Maintain Dust Control	\$ -		\$ -	0.00	0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ 4,000.00		\$ 4,000.00	559.52	3,440.48	14%	
	40 Vegetation Control - Chemical	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	0.00	0.00		
	50 Maintain Access Road	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00		\$ 14,071.00	7,980.89	6,090.11	57%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	80 Miscellaneous Work Activities	\$ 21,000.00		\$ 21,000.00	6,290.75	14,709.25	30%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 6,500.00		\$ 6,500.00	0.00	6,500.00	0%	
	<b>TOTALS</b>	<b>\$ 64,571.00</b>	<b>0.00</b>	<b>\$ 64,571.00</b>	<b>\$ 15,263.99</b>	<b>49,307.01</b>		<b>06/30/20</b>

**Delays or problem areas:** Removed many encampments.

**Work completed during prior fiscal year:** Repaired fencing, provided vegetation removal, cleaned inlet and outlet structures, and maintained access roads. Homeless encampment clean up upon occurrence.

**Work to be completed during current fiscal year:** Staff will remove any trash and debris, provide fencing repairs, maintain access roads, clear out vegetation, and clean inlets and outlets. Repair continuous access road erosion and rebuild berm at Clayton. Homeless encampment clean up upon occurrence

Consultant/  
Contractor:  
Project  
Manager:

John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV14  
Facility Name: Tributary to the Western Trib @ Craig Road  
MP Facility ID: LV06 0000-0147, LV05 0000-0131,  
LVBR 0000-0014, LVCL 0000-0030

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	310.32	189.68	62%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	0.00	0.00		
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 5,500.00		\$ 5,500.00	0.00	5,500.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ -		\$ -	0.00	0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	0.00	0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ 5,500.00	(2,000.00)	\$ 3,500.00	122.85	3,377.05	4%	
	40 Vegetation Control - Chemical	\$ 4,500.00	(1,874.62)	\$ 2,625.38	0.00	2,625.38	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	0.00	0.00		
	50 Maintain Access Road	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(4,000.00)	\$ 10,071.00	0.00	10,071.00	0%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	80 Miscellaneous Work Activities	\$ 21,000.00	(7,000.00)	\$ 14,000.00	4,321.31	9,678.69	31%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 10,000.00		\$ 10,000.00	0.00	10,000.00	0%	
	<b>TOTALS</b>	<b>\$ 66,571.00</b>	<b>(14,874.62)</b>	<b>\$ 51,696.38</b>	<b>\$ 4,817.56</b>	<b>46,878.82</b>		<b>06/30/20</b>

**Delays or problem areas:** Removed many major encampments.

**Work completed during prior fiscal year:** Repaired fencing, provided vegetation removal, cleaned inlet and outlet structures and maintained access roads. Removed many major encampments.

**Work to be completed during current fiscal year:** Staff will remove vegetation, trash and debris, provide fencing repairs, maintain access roads, and clean inlet and outlet structures. Repair any concrete damage from NLV02 to NLV12, and maintain the joint seals throughout the channels. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor:  
Project  
Manager:

John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV15  
Facility Name: Las Vegas Wash - Smoke Ranch  
MP Facility ID: LVSF 0000-0295, LAAT 0000-0204,  
LANO 0000, LAAS 0000-0103

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.97	437.03	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	184.43	315.57	37%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	0.00	0.00		
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	21 Provide/Maintain Dust Control	\$ -		\$ -	0.00	0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ -		\$ -	0.00	0.00		
	40 Vegetation Control - Chemical	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	0.00	0.00		
	50 Maintain Access Road	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00		\$ 2,500.00	0.00	2,500.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00		\$ 14,071.00	133.02	13,937.98	5%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 1,000.00		\$ 1,000.00	0.00	1,000.00	0%	
	80 Miscellaneous Work Activities	\$ 20,000.00	(8,343.62)	\$ 11,656.38	0.00	11,656.38	0%	
	85 Engineering	\$ -		\$ -		0.00		
	90 Homeless Encampment Clean Up	\$ 2,500.00	8,343.62	\$ 10,843.62	10,843.62	0.00	100%	
	<b>TOTALS</b>	<b>\$ 53,071.00</b>	<b>0.00</b>	<b>\$ 53,071.00</b>	<b>\$ 11,794.94</b>	<b>41,276.06</b>		<b>06/30/20</b>

**Delays or problem areas:** Encountered some homeless encampments.

**Work completed during prior fiscal year:** Repaired fencing, removed vegetation, cleaned storm drains, and outlet and inlet structures, and maintained access roads. Homeless encampment clean up upon occurrence

**Work to be completed during current fiscal year:** Staff will remove trash and debris, provide fencing repairs as needed, maintain access roads, remove vegetation, clean inlet and outlet structures, and clean/inspect storm drains. Repair erosion along east side of channel and along entire channel bottom. Homeless encampment clean up upon occurrence

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV16  
Facility Name: Upper Las Vegas Wash Channel  
MP Facility ID: LVLO 0000-0025, TRELA 0000-0134, LVUP 0000-0382,

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

CNEA 0000-0176, ANEA 0000-0040, LV5C 0000-0063, CNDS 0000-0062

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.97	437.03	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	155.18	344.84	31%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	0.00	0.00		
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 1,000.00	1,921.09	\$ 2,921.09	2,921.09	0.00	100%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ -		\$ -	0.00	0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	0.00	0.00		
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ 3,500.00		\$ 3,500.00	184.43	3,315.57	5%	
	40 Vegetation Control - Chemical	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	0.00	0.00		
	50 Maintain Access Road	\$ -		\$ -	0.00	0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	11,242.10	\$ 25,313.10	25,313.10	0.00	100%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 52,000.00	(15,146.59)	\$ 36,853.41	0.00	36,853.41	0%	
	80 Miscellaneous Work Activities	\$ 20,000.00		\$ 20,000.00	13,132.92	6,867.08	66%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 4,500.00		\$ 4,500.00	0.00	4,500.00	0%	
	<b>TOTALS</b>	<b>\$ 99,571.00</b>	<b>(1,983.40)</b>	<b>\$ 97,587.60</b>	<b>\$ 41,769.67</b>	<b>55,817.93</b>		<b>06/30/20</b>

**Delays or problem areas:** Removed many encampments.

**Work completed during prior fiscal year:** Staff provided trash and debris removal, repaired fencing as needed, maintained access roads, removed vegetation and graffiti as needed, and cleaned storm drains, channels, and culverts. Homeless encampment cleanup upon occurrence.

**Work to be completed during current fiscal year:** Staff will provide trash and debris removal, repair fencing as needed, maintain access roads, remove vegetation and graffiti as needed, and clean storm drains, channels and culverts.

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV17  
Facility Name: Range Wash - Las Vegas Wash Diversion & Levee  
MP Facility ID: LVRW 0000-0293

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	0.00	500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,500.00		\$ 1,500.00	593.06	906.94	40%	
	8 Species Survey and Removal	\$ 1,500.00	(1,000.00)	\$ 500.00	0.00	500.00	0%	
	10 Clean and Reshape Channel/Levees	\$ 2,000.00	(1,000.00)	\$ 1,000.00	0.00	1,000.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 106,000.00	(80,408.41)	\$ 25,591.59	0.00	25,591.59	0%	
	21 Provide/Maintain Dust Control	\$ 25,000.00	(20,306.76)	\$ 4,693.24	0.00	4,693.24	0%	
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ -		\$ -	0.00	0.00		
	40 Vegetation Control - Chemical	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		\$ -	0.00	0.00		
	50 Maintain Access Road	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ -		\$ -	0.00	0.00		
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ -		\$ -	0.00	0.00		
	80 Miscellaneous Work Activities	\$ 20,000.00	(10,464.24)	\$ 9,535.76	0.00	9,535.76	0%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	<b>TOTALS</b>	<b>\$ 165,500.00</b>	<b>(113,179.41)</b>	<b>\$ 52,320.59</b>	<b>\$ 656.04</b>	<b>51,664.55</b>		<b>06/30/20</b>

**Delays or problem areas:** Providing maintenance on the levee was encumbered due to the higher than normal level of Air Force training exercises. Due to these factors we were only able to service NLV 17 twice a week during the month of December and January, which interfered with production. In light of these challenges our projects were delayed but completed.

**Work completed during prior fiscal year:** Staff provided major erosion control, fencing repairs, vegetation removal and dust control. Minor homeless encampments encountered. Also encountered fencing repairs due to offroad traffic.

**Work to be completed during current fiscal year:** Clear access route into DB, repair erosion on embankment slopes, provide fencing repairs, remove vegetation, and provide dust control as needed. Staff will also maintain access roads, monitor and inspect levee. Remove homeless encampments upon occurrence

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
For the Third Qtr thru March 2020  
FY 2019-2020**

MWP Facility #: NLV18  
Facility Name: Cheyenne Peaking Basin  
MP Facility ID: LVMD 1594-1647

Entity: City of North Las Vegas  
Date Prepared: 04/30/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Reallocation Amount (\$)	Amended Work Plan Amount (\$)	Expended to Date (\$)	Balance Remaining (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00		\$ 500.00	62.98	437.02	13%	
	5 Inspect Channels	\$ -		\$ -	0.00	0.00		
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 2,000.00	(721.55)	\$ 1,278.45	302.88	975.57	24%	
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ -		\$ -	0.00	0.00		
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ -		\$ -	0.00	0.00		
	21 Provide/Maintain Dust Control	\$ -		\$ -	0.00	0.00		
	25 Clean Detention/Debris Basin	\$ 20,000.00	(11,871.38)	\$ 8,128.62	1,233.63	6,894.99	15%	
	35 Fence Repair	\$ 5,000.00	(3,500.00)	\$ 1,500.00	0.00	1,500.00	0%	
	40 Vegetation Control - Chemical	\$ 3,500.00	(2,500.00)	\$ 1,000.00	0.00	1,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 3,500.00	29,284.50	\$ 32,784.50	32,784.50	0.00	100%	
	50 Maintain Access Road	\$ 3,000.00	(2,500.00)	\$ 500.00	0.00	500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 1,500.00	(1,000.00)	\$ 500.00	0.00	500.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00	(3,544.00)	\$ 10,526.97	0.00	10,526.97	0%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	(1,000.00)	\$ 1,000.00	0.00	1,000.00	0%	
	80 Miscellaneous Work Activities	\$ 23,000.00	19,275.91	\$ 42,275.91	44,259.31	(1,983.40)	105%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	90 Homeless Encampment Clean Up	\$ 10,000.00	(3,857.26)	\$ 6,142.74	6,142.74	0.00	100%	
	<b>TOTALS</b>	<b>\$ 88,071.00</b>	<b>18,066.19</b>	<b>\$ 106,137.19</b>	<b>\$ 84,766.04</b>	<b>21,351.15</b>		<b>06/30/20</b>

**Delays or problem areas:** Removed many major encampments.

**Work completed during prior fiscal year:** Staff provided erosion control, dust control, fencing repairs, vegetation removal, cleaned inlet and outlet structures and maintained access roads. Removed many homeless encampments.

**Work to be completed during current fiscal year:** Staff will provide dust control as needed, maintain access roads, and clean inlet and outlet structures. Remove/clean trash and debris in dam diverters and in channel, and remove vegetation in basin bottom, basin outlet grate, and on upper road south of Civic Center. Remove graffiti and repair fence at end of Bulloch. Remove homeless encampments upon occurrence. Staff will remove silt deposits from the bottom of basin.

Consultant/  
Contractor:  
Project  
Manager: John Runiks

633-1267

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

MAINTENANCE WORK PROGRAM – FY 2020-21 BUDGETS, PLANS, AND INTERLOCAL CONTRACTS

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

APPROVE THE BUDGETS, PLANS, AND INTERLOCAL CONTRACTS FOR THE FISCAL YEAR 2020-21 MAINTENANCE WORK PROGRAM AND AUTHORIZE THE CHAIR TO SIGN THE INTERLOCAL CONTRACTS (FOR POSSIBLE ACTION)

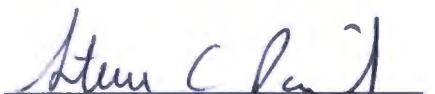
**FISCAL IMPACT:** \$13,073,558.00 – Funds are available in the FY 2020-21 budget.

**BACKGROUND:** Staff requested that each of the entities prepare their fiscal year 2020-21 Maintenance Work Program (MWP) plan and budget, and submit the interlocal contracts for approval by the Board. The interlocal contracts, along with an itemized listing of the facilities identified in each work plan, are attached for your review and approval. The following table provides a comparison of fiscal year 2020-21 budget requests with fiscal year 2019-20 approved budget amounts:

Entity	FY 2019-20 Budget Request	FY 2020-21 Budget Request	Percent Change
Boulder City	\$ 400,000.00	\$ 451,000.00	12.8%
Clark County	\$ 4,274,700.00	\$ 3,126,500.00	-26.9%
Henderson	\$ 3,850,700.00	\$ 3,651,831.00	-5.2%
Las Vegas	\$ 2,825,000.00	\$ 3,200,000.00	13.3%
Mesquite	\$ 769,800.00	\$ 489,800.00	-36.4%
North Las Vegas	\$ 1,834,500.00	\$ 2,154,427.00	17.4%
<b>Totals</b>	<b>\$13,954,700.00</b>	<b>\$13,073,558.00</b>	<b>-6.3%</b>

Upon approval, the interlocal contracts will become effective July 1, 2020 and expire June 30, 2021. Requested funding amounts will be available July 1, 2020. At the end of fiscal year 2020-21, the remaining unencumbered balances for each entity may be reprogrammed for the MWP in subsequent fiscal years.

Respectfully submitted,

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

TAC AGENDA ITEM #11 Date: 05/28/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM #11 Date: 05/28/2020	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

**MAINTENANCE WORK PROGRAM – FY 2020-21 BUDGETS, PLANS, AND INTERLOCAL CONTRACTS**

Staff requested that each of the entities prepare their fiscal year 2020-21 Maintenance Work Program (MWP) plan and budget, and submit the interlocal contracts for approval by the Board. The interlocal contracts, along with an itemized listing of the facilities identified in each work plan, are attached for your review and approval. The following table provides a comparison of fiscal year 2020-21 budget requests with fiscal year 2019-20 approved budget amounts:

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Mesquite	\$ 769,800.00	\$ 489,800.00	-36.4%
North Las Vegas	\$ 1,834,500.00	\$ 2,154,427.00	17.4%
<b>Totals</b>	<b>\$13,954,700.00</b>	<b>\$13,073,558.00</b>	<b>-6.3%</b>

Upon approval, the interlocal contracts will become effective July 1, 2020 and expire June 30, 2021. Requested funding amounts will be available July 1, 2020. At the end of fiscal year 2020-21, the remaining unencumbered balances for each entity may be reprogrammed for the MWP in subsequent fiscal years.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#11 Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#11 Date: 05/28/2020

**Recommendation:**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

2020 – 2021 ANNUAL MAINTENANCE WORK PROGRAM BUDGET FOR THE CITY OF BOULDER CITY

**PETITIONER:**

JIM KEANE, P.E., CITY ENGINEER  
CITY OF BOULDER CITY

**RECOMMENDATION OF PETITIONER:**

THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR BOULDER CITY'S 2020 – 2021 ANNUAL MAINTENANCE WORK PROGRAM. (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

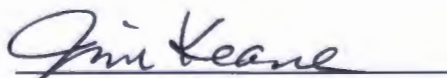
The FY 2020-2021 Interlocal Contract is for \$451,000.00.

**BACKGROUND:**

This request will cover normal maintenance work provided by City staff and funding for contract work.

The locations of the facilities to be maintained and the work to be performed are described in the work program and are shown on Exhibit "A" of the proposed Interlocal Agreement.

Respectfully submitted,

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

TAC AGENDA ITEM # 11 Date: 05/28/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM # 11 Date: .	

**INTERLOCAL CONTRACT  
ANNUAL MAINTENANCE WORK PROGRAM**

THIS CONTRACT, made and entered into this \_\_ day of \_\_ 2020, by and between the CITY OF BOULDER CITY, a political subdivision of the State of Nevada, hereinafter referred to as "CITY", and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

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

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

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

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

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

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

**SECTION I - SCOPE OF PROJECT**

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance of the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

**SECTION II - PROJECT COSTS**

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

1. The Project costs shall not exceed \$451,000.00.



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

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

2. The CITY and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the CITY shall submit invoices together with a detailed summary report of the maintenance service performed. The CITY shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the CITY stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District  
Accounts Payable  
600 S. Grand Central Parkway, Suite 300  
Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days of receipt of the invoice. Pursuant to Section IV, Paragraph 8, the DISTRICT may, in its sole discretion, withhold payments to the CITY for services rendered if the CITY fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.

### **SECTION III - PROJECT TIME**

The CITY agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2020 and June 30, 2021. The DISTRICT may grant extensions or terminate this contract and require all sums advanced to the CITY to be repaid if the CITY fails to perform by said date.

#### SECTION IV - GENERAL

1. The CITY will complete the Project as set forth in Exhibit "A". The CITY staff personnel responsible for coordination of work under this contract are as listed below:

Keegan Littrell, P.E.

Director of Public Works

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The CITY will comply with the applicable provisions of the Local Government Purchasing Act, Chapter 332 and Public Works, Chapter 338, of the Nevada Revised Statutes.

3. Applicable portions of the current editions of the *Operations and Maintenance Manual, Policies and Procedures Manual, Hydrologic Criteria and Drainage Design Manual*, and *Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.

4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the CITY will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.

5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the CITY, approval for payment of billings and expenses submitted by the CITY and the acceptance of any report provided by the CITY. The CITY shall be responsible for monitoring performance of CITY staff or private contractors.

6. Accurate documentation of all work performed and payments made shall be maintained by the CITY for a period of three (3) years in hard copy form after final project approval and payments. Following the three year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format in accordance with the CITY Record Retention Schedule.



7. The CITY shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the CITY fails to perform the maintenance according to the standards specified in this contract and the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the CITY or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the CITY specific written notice of the maintenance required and allowing the CITY 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Keegan Littrell, P.E.

Director of Public Works

9. The records of the CITY and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.

10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.

11. The CITY, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.

12. The CITY hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.

13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of CITY employees, consultants, contractors, or agents.

14. Any costs found to be improperly allocated to the Project will be refunded by the CITY to the DISTRICT.

15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this



contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.

16. 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.

17. This agreement shall be construed and interpreted in accordance with the laws of the State of Nevada.

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

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 BOULDER CITY

\_\_\_\_\_  
BY: \_\_\_\_\_  
ATTEST: Kiernan McManus, Mayor

\_\_\_\_\_  
LORENE KRUMM, City Clerk

Approved as to Form:

BY: \_\_\_\_\_  
STEVE MORRIS, City Attorney

CITY OF BOULDER CITY, NEVADA				
MAINTENANCE WORK PLAN SUMMARY				
FISCAL YEAR 2020-2021				
Master Plan Facility	ID	MWP Facility Number	Facility Description	Cost
		<b>BC01</b>		
HMFL	0000		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMKY	0000		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMKY	0019		CLEAN AND RESHAPE CHANNEL, VEGETATION CONTROL	\$1,000.00
HMLM	0000		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,500.00
HMLM	0001		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,500.00
HMLM	0002		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0003		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLM	0025		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0027		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLM	0040		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0044		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0064		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0065		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLM	0066		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLM	0077		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLM	0081		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLM	0082		INSPECT AND CLEAN STORM SEWER LINE	\$1,500.00
HMLM	0085		INSPECT BASIN, CLEAN, VEGETATION CONTROL, REPAIR INLET/OUTLET STRUCTURES	\$1,000.00
HMLM	0096		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$35,350.00
HMLV	0000		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMLV	0001		INSPECT RCB, CLEAN, VEGETATION CONTROL	\$1,500.00
HMLV	0003		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLV	0004		CLEAN AND INSPECT OUTLET STRUCTURE	\$1,000.00
HMLV	0006		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMLV	0018		REPAIR CONCRETE CHANNEL, CLEAN, VEGETATION CONTROL	\$6,500.00
HMLV	0031		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMLV	0033		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,000.00
HMLV	0055		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMLV	0060		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMLV	0065		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMNH	0000		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMNH	0001		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMPC	0000		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMPC	0011		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMPC	0018		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMPC	0025		INSPECT LEVEES/DETENTION AND DEBRIS BASINS	\$500.00
HMPC	0026		INSPECT CHANNEL, CLEAN AND RESHAPE CHANNEL	\$1,000.00
HMRB	0000		INSPECT CHANNEL, CLEAN AND RESHAPE CHANNEL	\$1,000.00
HMTH	0000		CLEAN AND INSPECT, VEGETATION CONTROL, INSPECT OUTLETS, DEBRIS REMOVAL, RESHAPE CHANNEL	\$1,000.00
HMTH	0025		INSPECT BASIN, CLEAN, VEGETATION CONTROL, REPAIR INLET/OUTLET STRUCTURES	\$1,000.00
HMTH	0026		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$7,000.00
HMTH	0027		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
HMTH	0034		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, DUST CONTROL	\$1,000.00
HMTH	0040		CLEAN CULVERT	\$1,000.00
HMTH	0041		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMTH	0054		INSPECT BERM, EROSION REPAIR, DUST CONTROL	\$1,000.00
HMTH	0064		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMTH	0076		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, MAINTAIN ACCESS ROAD	\$1,000.00
HMLV	0000		CLEAN, INSPECT DETENTION BASIN, VEGETATION CONTROL	\$1,000.00



CITY OF BOULDER CITY, NEVADA				
MAINTENANCE WORK PLAN SUMMARY				
FISCAL YEAR 2020-2021				
Master Plan Facility	ID	MWP Facility Number	Facility Description	Cost
HMVL	0001		CLEAN AND INSPECT OUTLET STRUCTURE	\$500.00
HMVL	0002		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0003		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL	\$500.00
HMVL	0004		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL	\$500.00
HMVL	0015		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0022		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0027		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0028		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
HMVL	0030		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL	\$500.00
HMVL	0041		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0042		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMVL	0058		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL	\$500.00
HMVL	0064		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL, MAINTAIN ACCESS ROAD, FENCE REPAIR	\$3,150.00
HMVL	0065		CLEAN AND INSPECT OUTLET STRUCTURE	\$500.00
HMVL	0066		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
HMVL	0074		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
HMVL	0088		CLEAN, INSPECT, EROSION REPAIR, EROSION CONTROL, MAINTAIN ACCESS ROAD	\$1,500.00
HMWA	0000		CLEAN AND INSPECT OUTLET STRUCTURE, MAINTAIN ACCESS ROAD, ENGINEERING	\$20,000.00
HMWA	0005		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$250.00
HMWA	0012		CLEAN BRIDGE	\$1,000.00
HMWA	0013		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$33,000.00
HMWA	0068		CLEAN BRIDGE	\$1,000.00
HMWA	0069		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$25,000.00
HMWA	0087		CLEAN RCB	\$500.00
HMWA	0103		CLEAN BRIDGE	\$2,000.00
HMWA	0105		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL	\$1,000.00
HMWA	0126		CLEAN CULVERT	\$1,000.00
HMWA	0127		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL	\$35,000.00
HMWA	0147		CLEAN CULVERT	\$500.00
HMWA	0148		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMWA	0154		CLEAN RCB	\$500.00
HMWA	0155		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
HMWA	0156		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
HMWA	0157		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
HMWA	0158		INSPECT BASIN, CLEAN, VEGETATION CONTROL, REPAIR INLET/OUTLET STRUCTURES	\$500.00
HMWA	0159		CLEAN/FLUSH BRIDGE	\$500.00
HMWA	0160		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMWA	0161		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL	\$500.00
HMWA	0162		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMWA	0173		INSPECT BASIN, CLEAN, VEGETATION CONTROL, REPAIR INLET/OUTLET STRUCTURES	\$1,000.00
HMWA	0175		CLEAN RCB	\$500.00
HMWA	0176		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$250.00
HMWA	0177		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$250.00
HMWA	0178		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
HMWA	0182		CLEAN RCB	\$500.00



CITY OF BOULDER CITY, NEVADA				
MAINTENANCE WORK PLAN SUMMARY				
FISCAL YEAR 2020-2021				
Master Plan Facility	ID	MWP Facility Number	Facility Description	Cost
HMWA	0183		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL	\$500.00
HMWA	0184		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMWA	0185		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
HMWA	0200		EROSION CONTROL AND REPAIR	\$500.00
HMWA	0201		CLEAN STORM SEWER LINES	\$500.00
HMWA	0202		INSPECT LEVEES/DETENTION AND DEBRIS BASINS	\$500.00
HMWA	0203		CLEAN STORM SEWER LINES	\$1,000.00
			HOMELESS ENCAMPMENT CLEANUP	\$2,000.00
			<b>BC01 - SUBTOTAL</b>	<b>\$240,000.00</b>
		<b>BC02</b>		
GBAP	0000		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, MAINTAIN EROSION CONTROL	\$15,150.00
GBAP	0002		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
GBAP	0047		CLEAN/FLUSH CULVERT	\$750.00
GBAP	0048		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,500.00
GBAP	0049		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
GBAP	0087		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
GBAP	0114		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
GBBC	0005		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
GBBC	0015		CLEAN/FLUSH CULVERT	\$4,500.00
GBBC	0030		CLEAN/FLUSH BRIDGE	\$750.00
GBBC	0031		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,350.00
GBBC	0047		CLEAN/FLUSH BRIDGE	\$750.00
GBBC	0048		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,500.00
GBBC	0062		CLEAN/FLUSH CULVERT	\$750.00
GBBC	0063		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$2,000.00
GBBC	0109		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$1,000.00
GBBC	0110		CLEAN/FLUSH CULVERT	\$500.00
GBBC	0146		CLEAN/FLUSH CULVERT	\$750.00
GBBC	0149		CLEAN/FLUSH CULVERT	\$500.00
GBBC	0150		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
GBBC	0152		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
GBBC	0153		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBBC	0155		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBBC	0157		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$2,500.00
GBBC	0172		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
GBCM	0000		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBCM	0001		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBCM	0004		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBCM	0011		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBGR	0002		CLEAN AND INSPECT, VEGETATION CONTROL, INSPECT OUTLETS, DUST CONTROL, DEBRIS REMOVAL, RESHAPE CHANNEL, MAINTAIN ACCESS ROAD, ENGINEERING	\$2,500.00
GBGR	0036		CLEAN AND INSPECT INLET/OUTLET STRUCTURES , MAINTAIN EROSION CONTROL	\$1,000.00
GBGR	0040		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, FENCE REPAIR, ENGINEERING	\$15,000.00
GBGR	0100		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$1,500.00
GBGR	0111		CLEAN/FLUSH CULVERT, REPAIR INLET/OUTLET STRUCTURE, ENGINEERING	\$2,000.00



CITY OF BOULDER CITY, NEVADA				
MAINTENANCE WORK PLAN SUMMARY				
FISCAL YEAR 2020-2021				
Master Plan Facility	ID	MWP Facility Number	Facility Description	Cost
GBGR	0112		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$15,000.00
GBGR	0126		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, ENGINEERING	\$1,000.00
GBGR	0130		CLEAN/FLUSH BRIDGE	\$500.00
GBGR	0131		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL, REPAIR LINED CHANNEL, FENCE REPAIR, ENGINEERING	\$15,000.00
GBGR	0188		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBGR	0203		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBGR	0215		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
GBGR	0217		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
			HOMELESS ENCAMPMENT CLEANUP	\$250.00
			<b>BC02 - SUBTOTAL</b>	<b>\$96,000.00</b>
		<b>BC03</b>		
NRBL	0000		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRBL	0091		CLEAN AND INSPECT DETENTION BASIN, MAINTAIN ACCESS ROAD, DUST CONTROL, EROSION CONTROL	\$5,850.00
NRBL	0092		CLEAN AND INSPECT OUTLET STRUCTURE, MAINTAIN EROSION CONTROL	\$500.00
NRBL	0093		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRBL	0094		INSPECT BERM, EROSION REPAIR	\$500.00
NRBL	0095		CLEAN CULVERT	\$500.00
NRBL	0096		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRIN	0003		CLEAN AND INSPECT OUTLET STRUCTURE, MAINTAIN EROSION CONTROL	\$1,000.00
NRIN	0004		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRIN	0010		INSPECT LEVEES/DETENTION AND DEBRIS BASINS	\$1,000.00
NRIN	0013		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,500.00
NRIN	0017		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0025		INSPECT CHANNEL, CLEAN AND RESHAPE CHANNEL	\$500.00
NRIN	0031		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$1,000.00
NRIN	0032		CLEAN CULVERT	\$250.00
NRIN	0038		CLEAN CULVERT	\$100.00
NRIN	0040		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$200.00
NRIN	0044		INSPECT CHANNEL, CLEAN AND RESHAPE CHANNEL	\$250.00
NRIN	0052		INSPECT AND CLEAN STORM SEWER LINE	\$200.00
NRIN	0053		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,500.00
NRIN	0054		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRIN	0055		INSPECT AND CLEAN STORM SEWER LINE	\$200.00
NRIN	0056		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0057		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRIN	0062		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
NRIN	0063		CLEAN CULVERT	\$250.00
NRIN	0064		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0065		CLEAN CULVERT	\$250.00
NRIN	0066		CLEAN AND INSPECT DETENTION BASIN, MAINTAIN ACCESS ROAD, DUST CONTROL, EROSION CONTROL	\$1,500.00
NRIN	0067		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$200.00
NRIN	0068		INSPECT AND CLEAN STORM SEWER LINE	\$200.00
NRIN	0069		INSPECT AND CLEAN STORM SEWER LINE	\$200.00
NRIN	0070		CLEAN CULVERT	\$200.00
NRIN	0071		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0074		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0075		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0080		INSPECT AND CLEAN STORM SEWER LINE	\$250.00
NRIN	0087		INSPECT BERM, EROSION REPAIR	\$200.00



CITY OF BOULDER CITY, NEVADA				
MAINTENANCE WORK PLAN SUMMARY				
FISCAL YEAR 2020-2021				
Master Plan Facility	ID	MWP Facility Number	Facility Description	Cost
NRIN	0107		INSPECT AND CLEAN STORM SEWER LINE	\$200.00
NRRR	0000		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$2,000.00
NRRR	0049		CLEAN CULVERT	\$1,000.00
NRRR	0050		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$200.00
NRRR	0070		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$200.00
NRRR	0089		INSPECT CHANNEL, CLEAN, VEGETATION CONTROL	\$500.00
NRRR	0105		CLEAN CULVERT	\$600.00
			HOMELESS ENCAMPMENT CLEANUP	\$20,000.00
			<b>BC03 - SUBTOTAL</b>	<b>\$50,000.00</b>
		<b>BC04</b>		
WAAD	0000		INSPECT, CLEAN, REPAIR CHANNEL, VEGETATION CONTROL, INLET/OUTLET STRUCTURES	\$2,000.00
WAAD	0043		CLEAN CULVERT	\$500.00
WAAD	0046		INSPECT AND CLEAN CHANNEL	\$500.00
WAAD	0063		CLEAN CULVERT	\$500.00
WAAD	0064		INSPECT AND CLEAN STORM SEWER LINE	\$1,000.00
WAAD	0085		CLEAN CULVERT	\$2,000.00
WAAD	0086		INSPECT AND CLEAN STORM SEWER LINE	\$400.00
WAAD	0094		INSPECT AND CLEAN STORM SEWER LINE	\$400.00
WAAP	0111		INSPECT, CLEAN, VEGETATION CONTROL, CHANNEL REPAIR, FENCE REPAIR	\$50,000.00
WAAP	0171		INSPECT CHANNEL, CLEAN AND RESHAPE CHANNEL MAINTAIN EROSION CONTROL	\$500.00
WADD	0167		INSPECT AND CLEAN STORM SEWER LINE	\$700.00
WAGN	0000		INSPECT, CLEAN, VEGETATION CONTROL	\$3,000.00
WAGN	0020		CLEAN CULVERT	\$500.00
WAGR	0000		INSPECT, CLEAN CHANNEL, VEGETATION CONTROL	\$500.00
WAGR	0034		INSPECT AND CLEAN STORM SEWER LINE	\$500.00
			HOMELESS ENCAMPMENT CLEANUP	\$2,000.00
			<b>BC04 - SUBTOTAL</b>	<b>\$65,000.00</b>
			<b>TOTAL</b>	<b>\$451,000.00</b>

Jim Keane, P.E., City Engineer  
Project Manager

Date

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021

MWP Facility #: **BC01**

Entity: **City of Boulder City**

Facility Name: **Hemenway Watershed**

Date Prepared: **March 2, 2020**

MP Facility ID: **HMFL - 0000, HMKY - 0000, 0019, HMLM - 0000, 0001, 0002, 0003, 0025, 0027, 0040, 0044, 0064, 0065, 0066, 0077, 0081, 0082, 0085, 0096, HMLV - 0000, 0001, 0003, 0004, 0006, 0018, 0031, 0033, 0055, 0060, 0065, HMNH - 0000, 0001, HMPC - 0000, 0011, 0018, 0025, 0026, HMRB - 0000, HMTH - 0000, 0025, 0026, 0027, 0034, 0040, 0041, 0054, 0064, 0076, HMYL - 0000, 0001, 0002, 0003, 0004, 0015, 0022, 0027, 0028, 0030, 0041, 0042, 0058, 0064, 0065, 0066, 0074, 0088, HMWA - 0000, 0005, 0012, 0013, 0068, 0069, 0087, 0103, 0105, 0126, 0127, 0147, 0148, 0154, 0155, 0156, 0157, 0158, 0159, 0160, 0161, 0162, 0173, 0175, 0176, 0177, 0178, 0182, 0183, 0184, 0185, 0200, 0201, 0202, 0203**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$500.00			June-21
	5 Inspect Channels	500.00			June-21
	6 Inspect Levees/Detention and Debris Basins	500.00			June-21
	8 Species Survey and Removal	0.00			June-21
	10 Clean and Reshape Channels/Levees	10,000.00			June-21
	15 Repair Lined Channel	79,500.00			June-21
	20 Erosion Control and Repair	1,300.00			June-21
	21 Provide/Maintain Dust Control	500.00			June-21
	25 Clean Detention Debris Basins	15,000.00			June-21
	35 Fence Repair	1,000.00			June-21
	40 Vegetation Control - Chemical	3,000.00			June-21
	45 Vegetation Control - Mechanical	50,000.00			June-21
	50 Maintain Access Road	2,000.00			June-21
	55 Clean & Inspect Inlet/Outlet Structures	2,500.00			June-21
	60 Repair Inlet/Outlet Structures	1,200.00			June-21
	65 Clean Storm Sewer Lines	500.00			June-21
	70 Storm Sewer Repair	0.00			June-21
	75 Clean/Flush Culverts & Bridges	5,000.00			June-21
	80 Miscellaneous Work Activities	50,000.00			June-21
	85 Engineering	15,000.00			June-21
	90 Homeless Encampment Cleanup	2,000.00			June-21
	<b>TOTALS</b>	<b>\$240,000.00</b>	<b>\$0.00</b>		<b>June-21</b>

Delays or problem areas: There is a water line conflict with the HMTH0034 berm that needs to be addressed. The water line needs to be lowered in order to complete the rest of the berm.

Work completed during prior fiscal year: Inspection, erosion repair and reshaping of unlined channels, vegetation control, cleaning of concrete channels and outlet structures. Pacifica energy dissipator cleaning. Hemenway channel concrete panel replacement. Paid State Dam Safety Storage fees. Inspected basins with State Dam Safety. Worked on maintenance items identified by State Dam Safety, in particular spillway cracks at detention basins.

Work to be completed during current fiscal year: Perform bridge inspections and address any items identified. Clean and repair fences and signs, erosion control, reshaping of unlined channels, replace broken concrete sections in channels. Weed control and removal. Cleaning of channels and outlet structures. Pay State Dam Safety Storage fees. Complete Hemenway Watershed Phase IIB Improvements and complete Hemenway Watershed Phase IIA berm work.

Consultant/

Contractor:

Project

Manager:

Jim Keane, P.E., City Engineer

Phone Number: (702)293-9200



REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021

MWP Facility #: **BC02**

Entity: **City of Boulder City**

Facility Name: **Georgia/Buchanan Watershed**

Date Prepared: **March 2, 2020**

MP Facility ID: **GBAP - 0000, 0001, 0002, 0047, 0048, 0049, 0087, 0114, GBBC - 0005, 0015, 0030, 0031, 0047, 0048, 0062, 0063, 0109, 0110, 0146, 0149, 0150, 0152, 0153, 0155, 0157, 0172, GBCM - 0000, 0001, 0004, 0011, GBGR - 0002, 0036, 0040, 0100, 0111, 0112, 0126, 0130, 0131, 0188, 0203, 0215, 0217**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$500.00			June-21
	5 Inspect Channels	500.00			June-21
	6 Inspect Levees/Detention and Debris Basins	0.00			June-21
	8 Species Survey and Removal	0.00			June-21
	10 Clean and Reshape Channels/Levees	5,000.00			June-21
	15 Repair Lined Channel	60,150.00			June-21
	20 Erosion Control and Repair	5,000.00			June-21
	21 Provide/Maintain Dust Control	500.00			June-21
	25 Clean Detention Debris Basins	0.00			June-21
	35 Fence Repair	1,000.00			June-21
	40 Vegetation Control - Chemical	500.00			June-21
	45 Vegetation Control - Mechanical	10,000.00			June-21
	50 Maintain Access Road	850.00			June-21
	55 Clean & Inspect Inlet/Outlet Structures	2,000.00			June-21
	60 Repair Inlet/Outlet Structures	1,000.00			June-21
	65 Clean Storm Sewer Lines	1,000.00			June-21
	70 Storm Sewer Repair	1,000.00			June-21
	75 Clean/Flush Culverts & Bridges	2,000.00			June-21
	80 Miscellaneous Work Activities	2,000.00			June-21
	85 Engineering	1,000.00			June-21
	90 Homeless Encampment Cleanup	2,000.00			June-21
	<b>TOTALS</b>	<b>\$96,000.00</b>	<b>\$0.00</b>		<b>June-21</b>

Delays or problem areas:

Work completed during prior fiscal year: Cleaned and inspected channels and culverts. Erosion repair and channel reshaping at the outlet of the Georgia Channel. Concrete panel replacements in the Georgia Channel.

Work to be completed during current fiscal year: Clean and inspect channels and culverts. Reshape channel, replace broken concrete panels in channels, inspect and clean structures and repair as necessary. Perform repairs/replacements of sections of soil cement channel. Inspect fences and signs and replace as necessary. Repair and maintain access road that is adjacent to the Georgia Channel.

Consultant/

Contractor:

Project

Manager:

Jim Keane, P.E., City Engineer

Phone Number: (702)293-9200



REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021

MWP Facility #: **BC03**

Entity: **City of Boulder City**

Facility Name: **North Railroad Watershed**

Date Prepared: **March 2, 2020**

MP Facility ID: **NRBL - 0000, 0091, 0092, 0093, 0094, 0095, 0096, NRIN - 0003, 0004, 0010, 0013, 0017, 0025, 0031, 0032, 0038, 0040, 0044, 0052, 0053, 0054, 0055, 0056, 0057, 0062, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0074, 0075, 0080, 0087, 0107, NRRR 0000, 0049, 0050, 0070, 0089, 0105**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$450.00			June-21
	5 Inspect Channels	500.00			June-21
	6 Inspect Levees/Detention and Debris Basins	1,000.00			June-21
	8 Species Survey and Removal	0.00			June-21
	10 Clean and Reshape Channels/Levees	3,000.00			June-21
	15 Repair Lined Channel	100.00			June-21
	20 Erosion Control and Repair	5,850.00			June-21
	21 Provide/Maintain Dust Control	100.00			June-21
	25 Clean Detention Debris Basins	5,000.00			June-21
	35 Fence Repair	5,000.00			June-21
	40 Vegetation Control - Chemical	1,000.00			June-21
	45 Vegetation Control - Mechanical	1,000.00			June-21
	50 Maintain Access Road	1,000.00			June-21
	55 Clean & Inspect Inlet/Outlet Structures	1,000.00			June-21
	60 Repair Inlet/Outlet Structures	500.00			June-21
	65 Clean Storm Sewer Lines	1,000.00			June-21
	70 Storm Sewer Repair	0.00			June-21
	75 Clean/Flush Culverts & Bridges	1,000.00			June-21
	80 Miscellaneous Work Activities	2,000.00			June-21
	85 Engineering	500.00			June-21
	90 Homeless Encampment Cleanup	20,000.00			June-21
	<b>TOTALS</b>	<b>\$50,000.00</b>	<b>\$0.00</b>		<b>June-21</b>

Delays or problem areas:

Work completed during prior fiscal year: Cleaning and inspection of existing facilities. Erosion repairs and placing fill material in deep end of the Bootleg Canyon Detention Basin. Fence inspection and repairs. Significant homeless encampment cleanup in various areas of the watershed. Completed North Railroad Phase 2 Project

Work to be completed during current fiscal year: Clean and inspect facilities, repair and regrade eroded areas, clean outlet structures, repair fences as needed. Homeless encampment monitoring and cleanup. Clean confluence structure at Veterans Memorial Drive. Pay State Dam Safety Storage fees.

Consultant/

Contractor:

Project

Manager:

Jim Keane, P.E., City Engineer

Phone Number: (702)293-9200

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021

MWP Facility #: **BC04**

Entity: **City of Boulder City**

Facility Name: **West Airport Watershed**

Date Prepared: **March 2, 2020**

MP Facility ID: **WAAD - 0000, 0043, 0046, 0063, 0064, 0085, 0086, 0094, WAAP - 0111, 0171, WADD - 0167, WAGN - 0000, 0020, WAGR - 0000, 0034**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$500.00			June-21
	5 Inspect Channels	500.00			June-21
	6 Inspect Levees/Detention and Debris Basins	0.00			June-21
	8 Species Survey and Removal	0.00			June-21
	10 Clean and Reshape Channels/Levees	500.00			June-21
	15 Repair Lined Channel	50,000.00			June-21
	20 Erosion Control and Repair	2,000.00			June-21
	21 Provide/Maintain Dust Control	500.00			June-21
	25 Clean Detention Debris Basins	500.00			June-21
	35 Fence Repair	500.00			June-21
	40 Vegetation Control - Chemical	2,000.00			June-21
	45 Vegetation Control - Mechanical	3,000.00			June-21
	50 Maintain Access Road	500.00			June-21
	55 Clean & Inspect Inlet/Outlet Structures	500.00			June-21
	60 Repair Inlet/Outlet Structures	500.00			June-21
	65 Clean Storm Sewer Lines	0.00			June-21
	70 Storm Sewer Repair	0.00			June-21
	75 Clean/Flush Culverts & Bridges	500.00			June-21
	80 Miscellaneous Work Activities	500.00			June-21
	85 Engineering	500.00			June-21
	90 Homeless Encampment Cleanup	2,000.00			June-21
	<b>TOTALS</b>	<b>\$65,000.00</b>	<b>\$0.00</b>		<b>June-21</b>

Delays or problem areas:

Work completed during prior fiscal year: Inspection, erosion repair and reshaping of unlined channels, vegetation control, cleaning of concrete channels and outlet structures. Replaced/repared joints in concrete channel. Energy dissipator cleaning. Maintain the grass lined channel.

Work to be completed during current fiscal year: Clean and repair fences and signs, erosion control, reshaping of unlined channels, replace broken concrete sections in channels as needed. Weed control and removal. Cleaning of channels, outlet structures and energy dissipator.

Consultant/

Contractor:

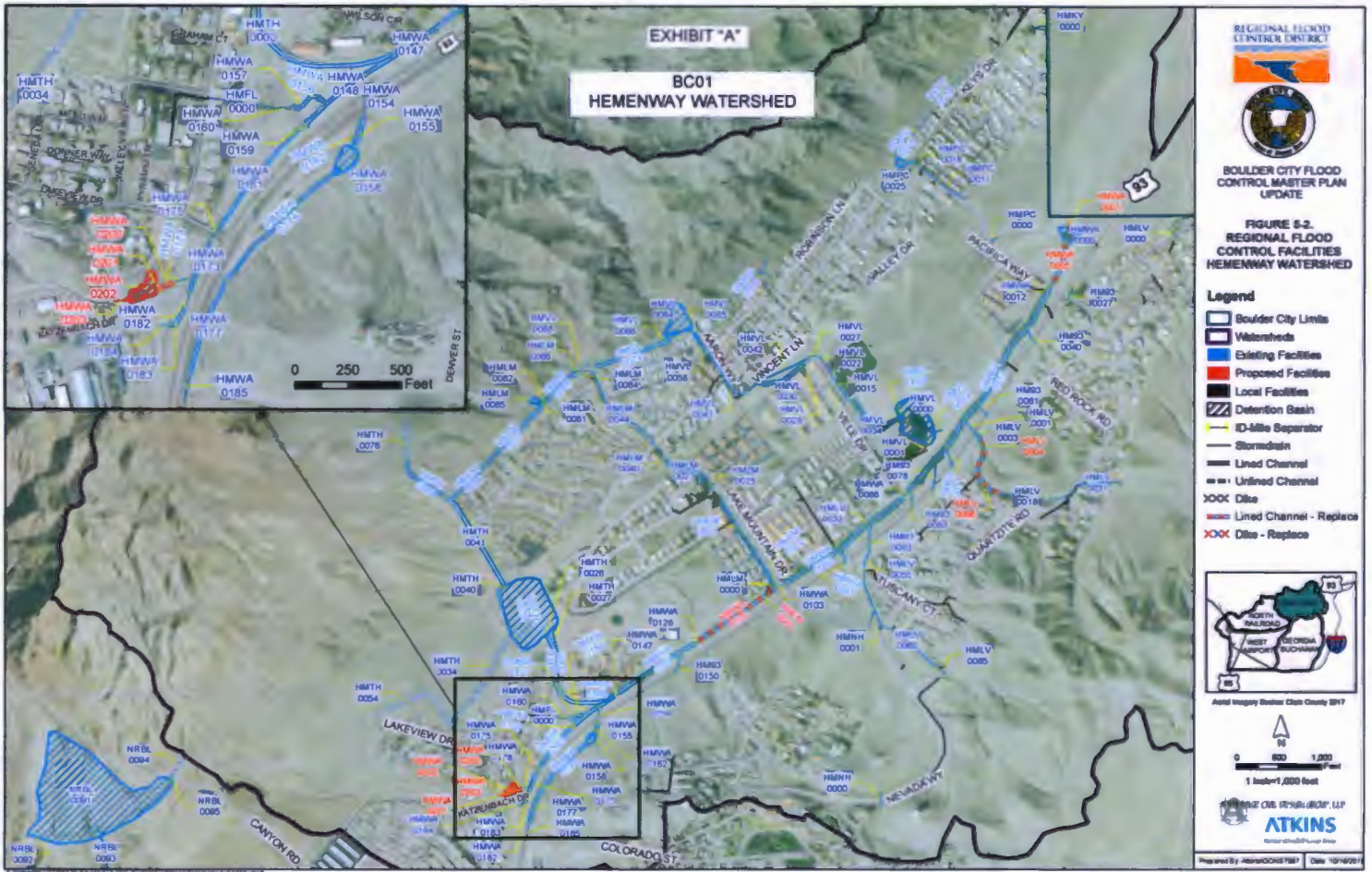
Project

Manager:

Jim Keane, P.E., City Engineer

Phone Number: (702) 293-9200



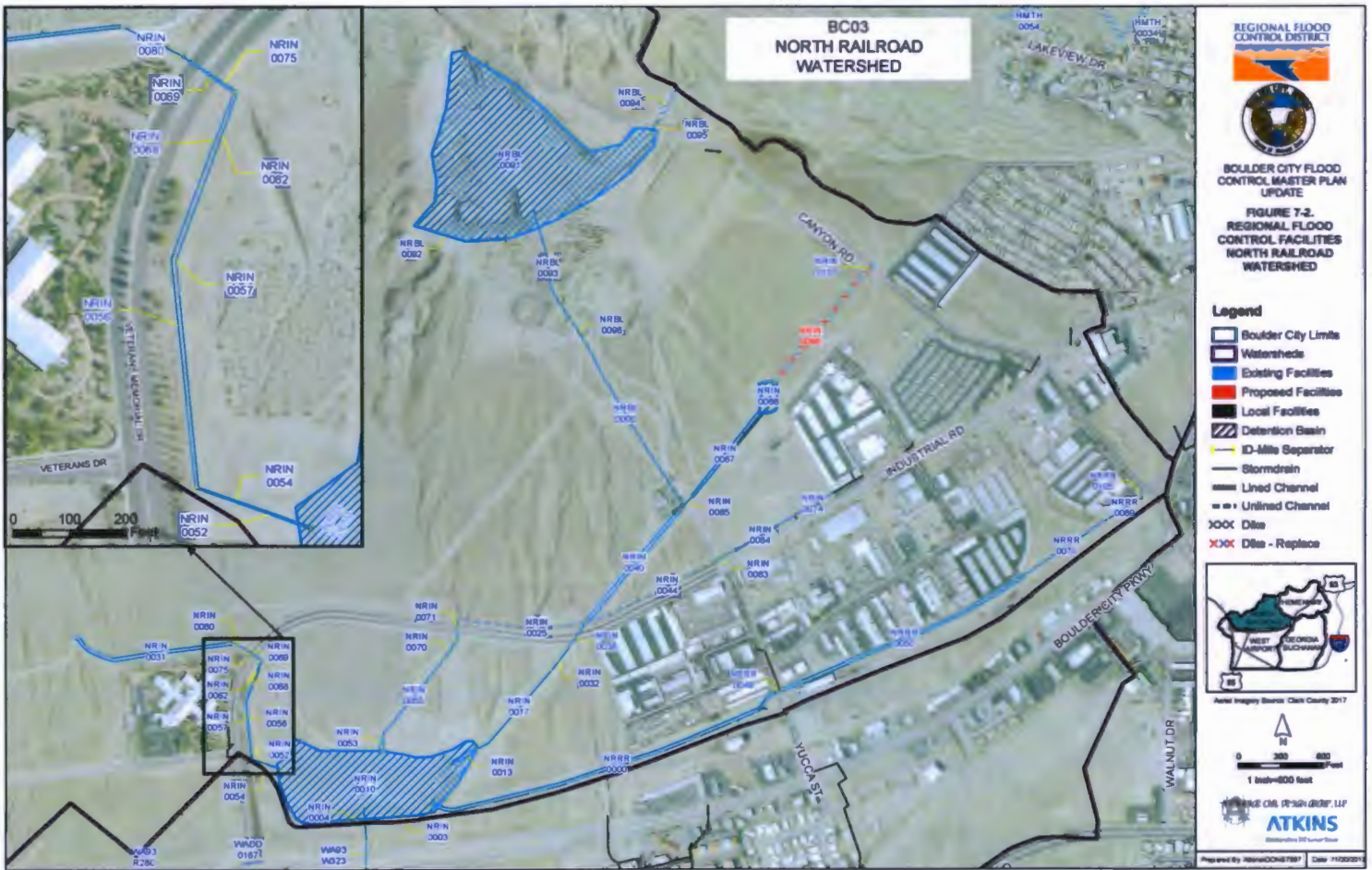


Map prepared by: [illegible] on [illegible] for [illegible]

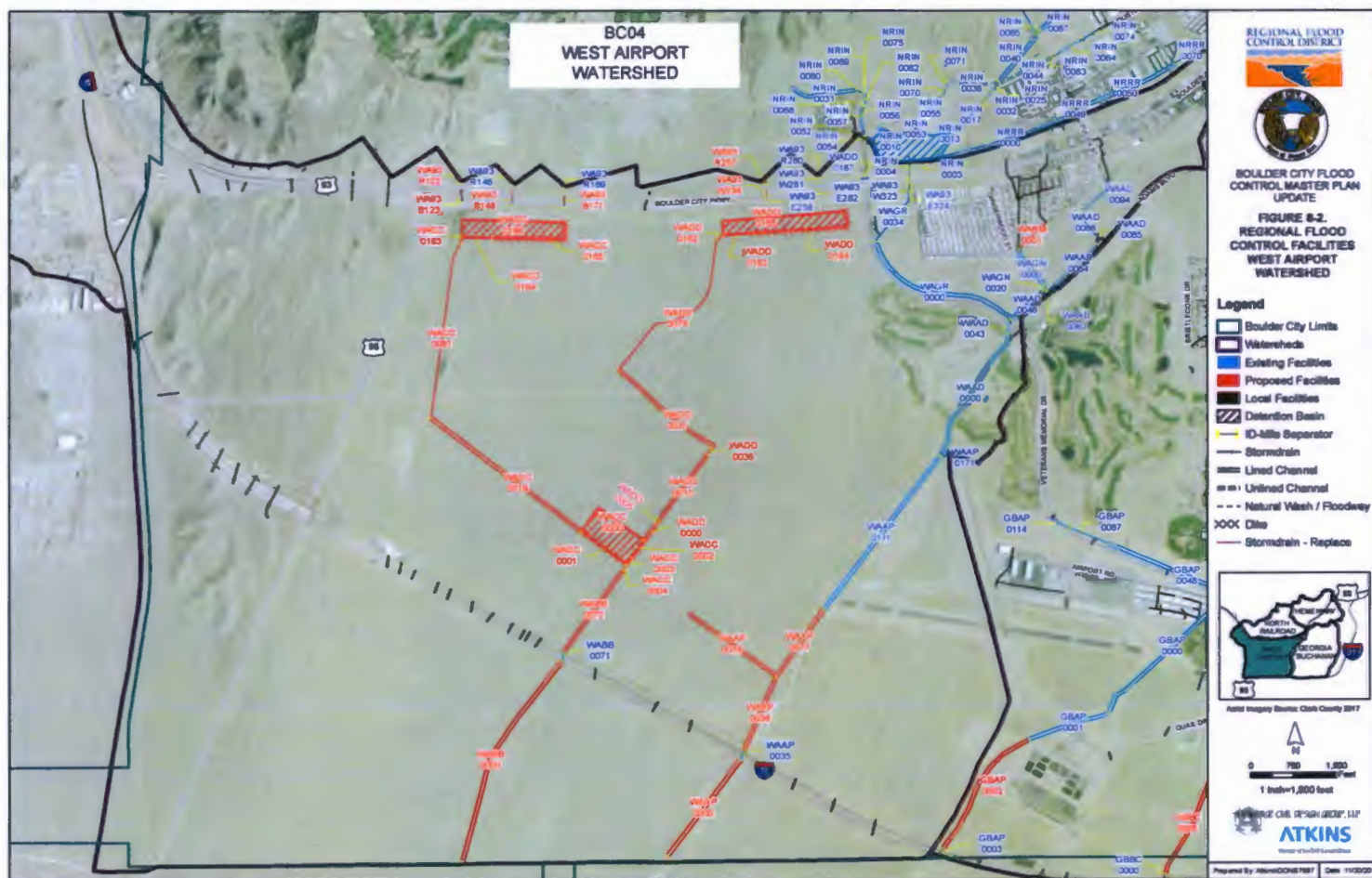
Prepared by: [illegible] Date: 10/10/2014













**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PLAN SUMMARY  
AGENDA ITEM**

**SUBJECT:**

Flood Control Facility Maintenance

**PETITIONER:**

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

That the Regional Flood Control District Board approve and authorize the Chairman to sign the Interlocal Contract for the maintenance of Flood Control Facilities in the unincorporated areas of Clark County for the 2020-2021 Annual Maintenance Program.

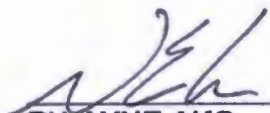
**FISCAL IMPACT:**

\$ 3,126,500.00 Funded by the Regional Flood Control District

**BACKGROUND:**

The Clark County Regional Flood Control District has programmed funds for the maintenance of flood control facilities which are shown on the Master Plan. Clark County Public Works is proposing this Interlocal Contract to provide funds to maintain those facilities shown on the Master Plan and located in the unincorporated areas of Clark County. The maintenance program is identified in Exhibit "A" of the Interlocal Contract.

Respectfully submitted,

  
DWAYNE AKO  
Road Division Manager on behalf of  
DENIS CEDERBURG  
Director of Public Works  
DC:DA:cs/Attachment

TAC AGENDA ITEM # 11 Date: 05/28/20	RFCD AGENDA ITEM # Date: 06/11/20
CAC AGENDA ITEM # 11 Date:	

**INTERLOCAL CONTRACT  
ANNUAL MAINTENANCE WORK PROGRAM**

THIS CONTRACT, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between the CLARK COUNTY, a political subdivision of the State of Nevada, hereinafter referred to as COUNTY, and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

**WITNESSETH:**

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

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

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

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

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

**SECTION I - SCOPE OF PROJECT**

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance of the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

**SECTION II - PROJECT COSTS**

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



1. The Project costs shall not exceed \$3,126,500.00.

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

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

2. The COUNTY and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the COUNTY shall submit invoices together with a detailed summary report of the maintenance service performed. The COUNTY shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the COUNTY stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District  
Accounts Payable  
600 S. Grand Central Parkway, Suite 300  
Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days of receipt of the invoice. Pursuant to Section IV, Paragraph 8, the DISTRICT may, in its sole discretion, withhold payments to the COUNTY for services rendered if the COUNTY fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.

### **SECTION III - PROJECT TIME**

The COUNTY agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2020 and June 30, 2021. The DISTRICT may grant extensions or terminate this



contract and require all sums advanced to the COUNTY to be repaid if the COUNTY fails to perform by said date.

#### **SECTION IV - GENERAL**

1. The COUNTY will complete the Project as set forth in Exhibit "A". The COUNTY staff personnel responsible for coordination of work under this contract are as listed below:

Denis Cederburg, Director of Public Works, or his designee

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The COUNTY will comply with the applicable provisions of the Local Government Purchasing Act, Chapter 332 and Public Works, Chapter 338, of the Nevada Revised Statutes.

3. Applicable portions of the current editions of the *Operations and Maintenance Manual*, *Policies and Procedures Manual*, *Hydrologic Criteria and Drainage Design Manual*, and *Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.

4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the COUNTY will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.

5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the COUNTY, approval for payment of billings and expenses submitted by the COUNTY and the acceptance of any report provided by the COUNTY. The COUNTY shall be responsible for monitoring performance of COUNTY staff or private contractors.

6. Accurate documentation of all work performed and payments made shall be maintained by the COUNTY for a period of three (3) years in hard copy form after final project

approval and payments. Following the three year period, the COUNTY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format in accordance with the COUNTY Record Retention Schedule.

7. The COUNTY shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the COUNTY fails to perform the maintenance according to the standards specified in this contract and the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the COUNTY or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the COUNTY specific written notice of the maintenance required and allowing the COUNTY 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Denis Cederburg  
Director, Department of Public Works  
500 South Grand Central Parkway, 2<sup>nd</sup> Floor  
Las Vegas, NV 89155-4000

9. The records of the COUNTY and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.

10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.

11. The COUNTY, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.

12. The COUNTY hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.

13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of COUNTY employees, consultants, contractors, or agents.

14. Any costs found to be improperly allocated to the Project will be refunded by the COUNTY to the DISTRICT.

15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.

16. Up to the limits set forth in NRS Chapter 41, the COUNTY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of COUNTY officers, employees or agents, related to or under this Contract which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.

17. This agreement shall be construed and interpreted in accordance with the laws of the State of Nevada.

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

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 Commission Action: COUNTY OF CLARK \_\_\_\_\_

BY: \_\_\_\_\_  
Marilyn Kirkpatrick, Chair

ATTEST:

\_\_\_\_\_  
Lynn Marie Goya  
County Clerk

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PLAN SUMMARY  
FISCAL YEAR 2020 – 2021**

<b>Master Plan Facility ID</b>	<b>MWP Facility Number</b>	<b>Facility Description</b>	<b>Cost</b>
FLAM	CC01	FLAMINGO WASH	\$ 1,040,000.00
LVWS	CC02	LAS VEGAS WASH	\$ 290,000.00
DCWA	CC03	DUCK CREEK	\$ 427,500.00
LVRW	CC05	LAS VEGAS RANGE WASH	\$ 472,000.00
TRWA	CC06	TROPICANA WASH	\$ 245,000.00
TRMC	CC07	AIRPORT CHANNEL	\$ 30,000.00
LV02	CC08	MONSON CHANNEL	\$ 110,500.00
DCRH	CC09	RAWHIDE CHANNEL	\$ 88,500.00
VBCH	CC10	VAN BUSKIRK CHANNEL	\$ 54,000.00
FWNF	CC11	FLAMINGO WASH NORTH FORK	\$ 31,000.00
LGWS	CC14	LAUGHLIN WASHES	\$ 39,500.00
MVAL	CC15	MOAPA VALLEY	\$ 41,000.00
BDWS	CC16	BLUE DIAMOND WASH	\$ 158,000.00
SCHL	CC17	SEARCHLIGHT	\$ 8,500.00
BNKV	CC18	BUNKERVILLE	\$ 11,000.00
PTWA	CC19	PITTMAN WASH	\$ 28,500.00
ISWE	CC20	INDIAN SPRINGS, GOODSPRINGS, JEAN, MOUNT CHARLESTON	\$ 10,500.00
GOBE	CC21	NORTHERN BELTWAY CHANNELS	\$ 41,000.00
		Total	\$3,126,500.00

# REGIONAL FLOOD CONTROL DISTRICT MAINTENANCE WORK PROGRAM

## PRELIMINARY BUDGET

MWP Facility #: **CC 01**

Entity: **Clark County**

Facility Name: **Flamingo Wash**

**FY 2020-2021**

Date Prepared: **5/8/2020**

MP Facility ID: **F1FA 0000-0004 F2NB 0000-0048 F301 0000-0032, 0059-0071 F401 0000-0003 FLBF 0046-0328**

MP Facility ID: **FLBN 0001-0033 FLCM 0000 FLDI 0000-0105 FLDN 0000-0160 FLDR 0000-0179 FLDS 0000-0750**

MP Facility ID: **FLF1 0000-0304 FLF2 0000-0137 FLF3 0000-0198 FLF4 0000-0355 FLFA 0000-0037**

MP Facility ID: **FLFL 0000-0147 FLHA 0000 FLJO 0000-0076 FLOQ 0000 FLOQ 0050 FLOQ 0100 FLOQ 0110 FLOQ 0116**

MP Facility ID: **FLRB 0000-0062 FLRO 0000 FLSE 0000-0128 FLSM 0000-0180 FLSP 0000 FLTR 0000-0347**

MP Facility ID: **FLVV 0000-0006 FLWA 0001-1443 RRBW 0000 RRFA 0000-0170 RRFC 0000 RRHU 0000-0129**

MP Facility ID: **RRNA 0000-0097 RRNN 0000-0022 RRNS 0000-0010 RRR4 0000-0160 RRWA 0000-0777**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00			
	5 Inspect Channels	20,000.00			
	6 Inspect Levees, Deten/Debris Basins	30,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	120,000.00			
	15 Repair Lined Channel	20,000.00			
	20 Erosion Control and Repair	5,000.00			
	21 Provide/Maintain Dust Control	5,000.00			
	25 Clean Detention/Debris Basins	145,000.00			
	35 Fence Repair	20,000.00			
	40 Vegetation Control - Chemical	20,000.00			
	45 Vegetation Control - Mechanical	33,500.00			
	50 Maintain Access Road	5,000.00			
	55 Clean & Inspect Inlet/Outlet Structures	15,000.00			
	60 Repair Inlet/Outlet Structures	2,500.00			
	65 Clean Storm Sewer Lines	5,000.00			
	70 Storm Sewer Line Repair	5,000.00			
	75 Clean/Flush Culverts & Bridges	4,000.00			
	80 Miscellaneous Work Activities	400,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	180,000.00			
	<b>TOTALS</b>	<b>\$1,040,000.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance. Homeless cleanup. Clean & inspect detention/debris basins listed in facilities above.

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

Channel maintenance contract. Homeless cleanup. Clean & inspect detention/debris basins listed in facilities above.

Ongoing pre-emergent for Upper Flamingo Detention Basin and Red Rock Detention Basins performed as needed.

Silt removal from Red Rock Detention Basin, R4, F1, F2, F3 and F4. Contract for Club at Sunrise.

Consultant/

Contractor:

Project

Manager:

Dwayne Ako

Phone Number: 702-455-7540



# REGIONAL FLOOD CONTROL DISTRICT MAINTENANCE WORK PROGRAM

## PRELIMINARY BUDGET

MWP Facility #: **CC 02**

Facility Name: **Las Vegas Wash**

MP Facility ID: **COLM 0000**

MP Facility ID: **LV01 0000-0116**

MP Facility ID: **LVCO 0000-0109**

MP Facility ID: **LVMD 0675-1054, 1355-1550**

MP Facility ID: **NLWY 0000-0030**

MP Facility ID: \_\_\_\_\_

MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
Date Prepared: **5/8/2020**

**FY 2020-2021**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$3,500.00			
	5 Inspect Channels	5,000.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	137,000.00			
	15 Repair Lined Channel	2,500.00			
	20 Erosion Control and Repair	45,000.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	2,000.00			
	40 Vegetation Control - Chemical	10,000.00			
	45 Vegetation Control - Mechanical	25,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	40,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	20,000.00			
	<b>TOTALS</b>	<b>\$290,000.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance. Homeless cleanup. Ongoing vegetation control at LVMD 0675-0780 Lower Las Vegas Wash.

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

Misc. maintenance. Homeless cleanup. Maintenance in the Club at Sunrise. Channel maintenance contract.

Erosion control at LVMD 0675-0154 Las Vegas Wash Middle. Maintenance pending storms at LV01 0000 Tropicana at Wetlands Park.

Consultant/

Contractor:

Project

Manager: **Dwayne Ako**

Phone Number: **702-455-7540**



# REGIONAL FLOOD CONTROL DISTRICT MAINTENANCE WORK PROGRAM

## PRELIMINARY BUDGET

MWP Facility #: **CC 03**

Facility Name: **Duck Creek**

MP Facility ID: **BDW5 0000-0023 DC95 0000-0038 DCBD 0000-0273**

MP Facility ID: **DCCA 0000-0078 DCCD 0000 DCGL 0000-0086, 0106, 0112, 0138-0179**

MP Facility ID: **DCHV 0000-0012 DCI1 0000-0031 DCLB 0000 DCLV 0000-0230 DCPA 0000-0106**

MP Facility ID: **DCPI 0000-0032 DCRB 0000-0015 DCSH 0000-0017 DCST 0036**

MP Facility ID: **DCW1 0000-0132 DCW4 0111-0122, 0366-0557, 0665-0786, 0940-0971**

MP Facility ID: **DCW5 0000-0059 DCWA 0000-0597, 0699-1748, 1869-1929**

MP Facility ID: **DCWB 0000-0086 DCWF 0000-0061**

Entity: **Clark County**

Date Prepared: **5/8/2020**

**FY 2020-2021**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$5,000.00			
	5 Inspect Channels	5,000.00			
	6 Inspect Levees, Deten/Debris Basins	20,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	60,000.00			
	15 Repair Lined Channel	5,000.00			
	20 Provide/Maintain Erosion Control	15,000.00			
	21 Provide/Maintain Dust Control	40,000.00			
	25 Clean Detention/Debris Basins	16,000.00			
	35 Fence Repair	8,000.00			
	40 Vegetation Control - Chemical	10,000.00			
	45 Vegetation Control - Mechanical	30,000.00			
	50 Maintain Access Road	5,000.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	1,000.00			
	65 Clean Storm Sewer Lines	2,500.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	140,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	65,000.00			
	<b>TOTALS</b>	<b>\$427,500.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Ongoing vegetation control on native sections East of Mountain

Vista DCWA 0509-0340 Duck Creek Wash. Misc. maintenance. Homeless cleanup. Clean & inspect detention/debris basins listed in facilities above. Silt removal, reshaping flowline, access road and slopes, tree and vegetation removal in channel.

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

Clean & inspect detention/debris basins listed in facilities above. Misc. maintenance.

Homeless cleanup. Erosion control and repair at Duck Creek Railroad Detention Basin DCW4 0393, Upper Duck Creek Detention Basin DCW4 0942, Central Duck Creek Detention Basin DCWA 1659, Lower Duck Creek Detention Basin DCWA 1217.

Ongoing pre-emergent for Lower Duck Creek Detention Basin DCWA 1217.

Ongoing vegetation control and maintenance at Duck Creek Wash Earth Channel DCWA 0430, Duck Creek Wash Concrete Channel 0431, Duck Creek Wash Earth Channel 0444.

Consultant/

Contractor:

Project

Manager:

Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET**

MWP Facility #: **CC 05**

**FY 2020-2021**

Entity: **Clark County**

Facility Name: **Las Vegas Range Wash**

Date Prepared: **5/8/2020**

MP Facility ID: **RWSL 0000-0728 RWWWE 0016-0054**

MP Facility ID: **SLBN 0000 SLCA 0000, 0025, 0049**

MP Facility ID: **SLCH 0000 SLEB 0000-0145 SLER 0000-0086**

MP Facility ID: **SLLM 0000 SLNL 0095 SLOR 0000-0155**

MP Facility ID: **SLSL 0000 SLST 0000-0095 SLWA 0000-0091**

MP Facility ID: \_\_\_\_\_

MP Facility ID: \_\_\_\_\_

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$2,000.00			
	5 Inspect Channels	5,000.00			
	6 Inspect Levees, Deten/Debris Basins	8,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	60,000.00			
	15 Repair Lined Channel	150,000.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	15,000.00			
	25 Clean Detention/Debris Basins	10,000.00			
	35 Fence Repair	10,000.00			
	40 Vegetation Control - Chemical	9,000.00			
	45 Vegetation Control - Mechanical	5,000.00			
	50 Maintain Access Road	2,500.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	100,000.00			
	85 Engineering	20,000.00			
	90 Homeless Cleanup	75,500.00			
	<b>TOTALS</b>	<b>\$472,000.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance. Homeless cleanup. Clean & inspect detention/debris basins listed in facilities above.

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

Clean & inspect detention/debris basins listed in facilities above.

Ongoing pre-emergent for the Confluence Detention Basin. Misc. maintenance. Homeless cleanup.

Clean CLV effluent pipe. Design & repair RWSL 0415-0446 Range Wash-Sloan.

Consultant/

Contractor:

Project

Manager: Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET**

MWP Facility #: **CC 06**

**FY 2020-2021**

Entity: **Clark County**

Facility Name: **Tropicana Wash**

Date Prepared: **5/8/2020**

MP Facility ID: **BDBF 0000-0006 BDFW 0000 BDJO 0000-0061**

MP Facility ID: **BDMD 0121 BDMD 0000-0010 BDRB 0000-0118**

MP Facility ID: **BDRR 0000 BDWS 0000-0007**

MP Facility ID: **NBSC 0000 RBMO 0000-0045**

MP Facility ID: **TRBD 0000-0930 TRNB 0000-0113**

MP Facility ID: **TRWA 0000-0454**

MP Facility ID: \_\_\_\_\_

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	<b>3 Facility Assessment and Inventory</b>	<b>\$2,000.00</b>			
	<b>5 Inspect Channels</b>	<b>3,000.00</b>			
	<b>6 Inspect Levees, Deten/Debris Basins</b>	<b>15,000.00</b>			
	<b>8 Species Survey and Removal</b>	<b>0.00</b>			
	<b>10 Clean and Reshape Channels/Levees</b>	<b>10,000.00</b>			
	<b>15 Repair Lined Channel</b>	<b>10,000.00</b>			
	<b>20 Provide/Maintain Erosion Control</b>	<b>5,000.00</b>			
	<b>21 Provide/Maintain Dust Control</b>	<b>5,000.00</b>			
	<b>25 Clean Detention/Debris Basins</b>	<b>30,000.00</b>			
	<b>35 Fence Repair</b>	<b>5,000.00</b>			
	<b>40 Vegetation Control - Chemical</b>	<b>5,000.00</b>			
	<b>45 Vegetation Control - Mechanical</b>	<b>5,000.00</b>			
	<b>50 Maintain Access Road</b>	<b>5,000.00</b>			
	<b>55 Clean &amp; Inspect Inlet/Outlet Structures</b>	<b>0.00</b>			
	<b>60 Repair Inlet/Outlet Structures</b>	<b>0.00</b>			
	<b>65 Clean Storm Sewer Lines</b>	<b>5,000.00</b>			
	<b>70 Storm Sewer Repair</b>	<b>0.00</b>			
	<b>75 Clean/Flush Culverts &amp; Bridges</b>	<b>0.00</b>			
	<b>80 Miscellaneous Work Activities</b>	<b>100,000.00</b>			
	<b>85 Engineering</b>	<b>0.00</b>			
	<b>90 Homeless Cleanup</b>	<b>40,000.00</b>			
	<b>TOTALS</b>	<b>\$245,000.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Clean & inspect detention/debris basins listed in facilities above.

Misc. maintenance. Homeless cleanup.

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

Clean & inspect detention/debris basins listed in facilities above.

Misc. work contract maintenance adjacent to beltway. Homeless cleanup.

Silt removal at TRBD 0930 Upper Blue Diamond and TRBD 0681 Blue Diamond debris basin pending storms.

Ongoing pre-emergent for TRWA 0454 Tropicana and the TRBD 0930 Upper Blue Diamond Detention Basins performed as needed.

Consultant/

Contractor:

Project

Manager: Dwayne Ako

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 07**  
 Facility Name: **Airport Channel**  
 MP Facility ID: **TRMC 0001-0060 0195-0290**  
 MP Facility ID: **WGTR 0058-0180**  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	1,500.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	2,000.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	3,000.00			
	40 Vegetation Control - Chemical	1,000.00			
	45 Vegetation Control - Mechanical	500.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	2,000.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	5,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	15,000.00			
	<b>TOTALS</b>	<b>\$30,000.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance. Homeless cleanup.

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

Misc. maintenance. Homeless cleanup.

Vegetation control TRMC 0030-0012 North of Tropicana Road at Las Vegas Boulevard, also at Banning Creek Drive performed as needed.

Consultant/  
 Contractor:  
 Project  
 Manager:

Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 08**  
 Facility Name: **Monson Channel**  
 MP Facility ID: **LV02 0000-0303**  
 MP Facility ID: **NLFL 0000-0144**  
 MP Facility ID: **VBTV 0000**  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,500.00			
	5 Inspect Channels	1,500.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	15,000.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	1,500.00			
	40 Vegetation Control - Chemical	6,000.00			
	45 Vegetation Control - Mechanical	15,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	10,000.00			
	85 Engineering	50,000.00			
	90 Homeless Cleanup	10,000.00			
	<b>TOTALS</b>	<b>\$110,500.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance at LV02 0000-0126 Las Vegas Wash - Branch 2.

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

Misc. maintenance.

Consultant/  
 Contractor:  
 Project  
 Manager:

Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 09**  
 Facility Name: **Rawhide Channel**  
 MP Facility ID: **DCRH 0000-0305**  
 MP Facility ID: **MCE2 0000**  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00			
	5 Inspect Channels	3,000.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	1,500.00			
	15 Repair Lined Channel	5,000.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	5,000.00			
	40 Vegetation Control - Chemical	5,000.00			
	45 Vegetation Control - Mechanical	2,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	1,000.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	60,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	5,000.00			
	<b>TOTALS</b>	<b>\$88,500.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance.

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

Misc. maintenance. Clean & inspect DCRH 0000-0280 Rawhide Channel.

Consultant/

Contractor:

Project

Manager:

Dwayne Ako

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 10**  
 Facility Name: **Van Buskirk Channel**  
 MP Facility ID: **VBCH 0000-0138**  
 MP Facility ID: **VBMC 0000-0249**  
 MP Facility ID: **VBTM 0000-0174**  
 MP Facility ID: **VBVR 0000**  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$2,000.00			
	5 Inspect Channels	2,000.00			
	6 Inspect Levees, Deten/Debris Basins	4,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	0.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	2,000.00			
	35 Fence Repair	3,000.00			
	40 Vegetation Control - Chemical	1,000.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	5,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	35,000.00			
	<b>TOTALS</b>	<b>\$54,000.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:** Clean & inspect detention/debris basins listed in facilities above.  
 Misc. maintenance of VBTM 0027 Van Buskirk Detention Basin and VBMC 0161 Van Buskirk Detention Basin. Homeless cleanup.

**Work to be completed during current fiscal year:** Clean & inspect detention/debris basins listed in facilities above.  
 Misc. maintenance of VBTM 0027 Van Buskirk Detention Basin and VBMC 0161 Van Buskirk Detention Basin. Homeless cleanup.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: **Dwayne Ako** Phone Number: **702-455-7540**



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 11**  
 Facility Name: **Flamingo Wash North Fork**  
 MP Facility ID: **FLDY 0000-0013**  
 MP Facility ID: **FLLA 0000-0379**  
 MP Facility ID: **FLMN 0000-0075**  
 MP Facility ID: **FLMS 0000**  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	1,000.00			
	6 Inspect Levees, Deten/Debris Basins	1,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	0.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	5,000.00			
	35 Fence Repair	1,500.00			
	40 Vegetation Control - Chemical	2,500.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	10,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	10,000.00			
	<b>TOTALS</b>	<b>\$31,000.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above. Homeless cleanup.

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

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above. Homeless cleanup.

Consultant/

Contractor:

Project

Manager:

Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 14**  
 Facility Name: **Laughlin Washes**  
 MP Facility ID: **LUBC 0000-0010, 0324**  
 MP Facility ID: **LUED 0000-0014**  
 MP Facility ID: **LUHS 0000-0242, 0250**  
 MP Facility ID: **LUMA 0023-0060**  
 MP Facility ID: **LUUW 0000-0150**  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00			
	5 Inspect Channels	1,500.00			
	6 Inspect Levees, Deten/Debris Basins	7,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	6,000.00			
	15 Repair Lined Channel	1,000.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	10,000.00			
	35 Fence Repair	2,000.00			
	40 Vegetation Control - Chemical	1,500.00			
	45 Vegetation Control - Mechanical	1,500.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	5,000.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	2,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	1,000.00			
	<b>TOTALS</b>	<b>\$39,500.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance. Ongoing sediment removal at LUHS 0242 Hiko Detention Basin.

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

Sediment removal at LUHS 0242 Hiko Detention Basin pending storms. Misc. maintenance at LUHS 0242 Hiko Detention Basin.

Consultant/  
 Contractor:  
 Project  
 Manager:

Dwayne Ako

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 16**  
 Facility Name: **Moapa Valley**  
 MP Facility ID: **GASD 0000-0058**  
 MP Facility ID: **LWAW 0000**  
 MP Facility ID: **MRL 0001-0038**  
 MP Facility ID: **MRLV 0343-0537, 0725**  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	2,500.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	10,000.00			
	15 Repair Lined Channel	2,000.00			
	20 Provide/Maintain Erosion Control	10,500.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	2,000.00			
	35 Fence Repair	0.00			
	40 Vegetation Control - Chemical	2,000.00			
	45 Vegetation Control - Mechanical	1,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	10,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	1,000.00			
	<b>TOTALS</b>	<b>\$41,000.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance.

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

Misc. maintenance.

Ongoing clean & provide erosion control at MRLV 0343-0537 Cooper Bridge as needed.

Consultant/

Contractor:

Project

Manager:

Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 16**  
 Facility Name: **Blue Diamond Wash**  
 MP Facility ID: **BD02 0000-0098**  
 MP Facility ID: **BD03 0000-0081**  
 MP Facility ID: **BDBE 0000-0134**  
 MP Facility ID: **BDW1 0000-0077, BDW2 0023**  
 MP Facility ID: **BDW3 0000-0008, BDW4 0160-0174**  
 MP Facility ID: **BDWA 0000-0212, 0394-0633**

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	3,500.00			
	6 Inspect Levees, Deter/Debris Basins	4,500.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	10,000.00			
	15 Repair Lined Channel	5,000.00			
	20 Provide/Maintain Erosion Control	5,000.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	50,000.00			
	35 Fence Repair	2,000.00			
	40 Vegetation Control - Chemical	2,000.00			
	45 Vegetation Control - Mechanical	5,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	1,000.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	15,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	55,000.00			
	<b>TOTALS</b>	<b>\$158,000.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above. Homeless cleanup.

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

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above. Homeless cleanup.

Consultant/

Contractor:

Project

Manager:

Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 17**  
 Facility Name: **Searchlight**  
 MP Facility ID: **SREA 0000-0065**  
 MP Facility ID: **SRSO 0000-0030**  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$500.00			
	5 Inspect Channels	1,000.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	5,000.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	0.00			
	40 Vegetation Control - Chemical	500.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	500.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	1,000.00			
	<b>TOTALS</b>	<b>\$8,500.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance.

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

Misc. maintenance. Homeless cleanup.

Consultant/

Contractor:

Project

Manager:

Dwayne Ako

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 18**  
 Facility Name: **Bunkerville**  
 MP Facility ID: **JEWA 0165-0167**  
 MP Facility ID: **WIJE 0000-0065**  
 MP Facility ID: **WIWA 0000-0038**  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	1,000.00			
	6 Inspect Levees, Deter/Debris Basins	3,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	0.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	4,000.00			
	35 Fence Repair	1,000.00			
	40 Vegetation Control - Chemical	1,000.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	1,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	0.00			
	<b>TOTALS</b>	<b>\$11,000.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above.

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

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above.

Consultant/

Contractor:

Project

Manager:

Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 19**  
 Facility Name: **Pittman Wash**  
 MP Facility ID: **PTBL 0000, 0028-0157**  
 MP Facility ID: **PTDC 0000-0014**  
 MP Facility ID: **PTWA 0477-0738, 0778**  
 MP Facility ID: **PTWB 0000-0016**  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$1,000.00			
	5 Inspect Channels	3,000.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	5,000.00			
	15 Repair Lined Channel	1,000.00			
	20 Provide/Maintain Erosion Control	0.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	2,000.00			
	40 Vegetation Control - Chemical	2,500.00			
	45 Vegetation Control - Mechanical	1,000.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	1,500.00			
	70 Storm Sewer Repair	1,500.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	5,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	5,000.00			
	<b>TOTALS</b>	<b>\$28,500.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance. Homeless cleanup.

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

Misc. maintenance. Homeless cleanup.

Channel maintenance adjacent to beltway.

Consultant/

Contractor:

Project

Manager:

Dwayne Ako

Phone Number: 702-455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 20**  
 Facility Name: **Indian Springs, Goodsprings, Jean, Mount Charleston**  
 MP Facility ID: **GS2A 0035 GSPA 0028**  
 MP Facility ID: **ISWE 0100-1001 JNCH 0038**  
 MP Facility ID: **MTCH 0000**  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	1,000.00			
	6 Inspect Levees, Deten/Debris Basins	3,000.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels	0.00			
	15 Repair Lined Channel	0.00			
	20 Provide/Maintain Erosion Control	1,500.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	2,500.00			
	35 Fence Repair	0.00			
	40 Vegetation Control - Chemical	0.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	1,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	1,500.00			
	<b>TOTALS</b>	<b>\$10,500.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance.

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

Misc. maintenance. Clean & inspect detention/debris basins listed in facilities above. Homeless cleanup.

Consultant/

Contractor:

Project

Manager: Dwayne Ako

Phone Number: 702-455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
PRELIMINARY BUDGET  
FY 2020-2021**

MWP Facility #: **CC 21**  
 Facility Name: **Northern Beltway Channels**  
 MP Facility ID: **EKEA 0028-0338**  
 MP Facility ID: **GOBW 0000-0048 GOEC 0000-0076**  
 MP Facility ID: **GONO 0117-0335**  
 MP Facility ID: **RCHB 0083, 0101, 0122-0151**  
 MP Facility ID: **UPDE 0000-0133 UPEA 0264-0340**  
 MP Facility ID: \_\_\_\_\_

Entity: **Clark County**  
 Date Prepared: **5/8/2020**

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$0.00			
	5 Inspect Channels	2,000.00			
	6 Inspect Levees, Deten/Debris Basins	0.00			
	8 Species Survey and Removal	0.00			
	10 Clean and Reshape Channels/Levees	15,000.00			
	15 Repair Lined Channel	2,000.00			
	20 Erosion Control and Repair	5,000.00			
	21 Provide/Maintain Dust Control	0.00			
	25 Clean Detention/Debris Basins	0.00			
	35 Fence Repair	3,000.00			
	40 Vegetation Control - Chemical	4,000.00			
	45 Vegetation Control - Mechanical	0.00			
	50 Maintain Access Road	0.00			
	55 Clean & Inspect Inlet/Outlet Structures	0.00			
	60 Repair Inlet/Outlet Structures	0.00			
	65 Clean Storm Sewer Lines	0.00			
	70 Storm Sewer Repair	0.00			
	75 Clean/Flush Culverts & Bridges	0.00			
	80 Miscellaneous Work Activities	5,000.00			
	85 Engineering	0.00			
	90 Homeless Cleanup	5,000.00			
	<b>TOTALS</b>	<b>\$41,000.00</b>			<b>06/2021</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:**

Misc. maintenance.

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

Misc. maintenance. Homeless cleanup.

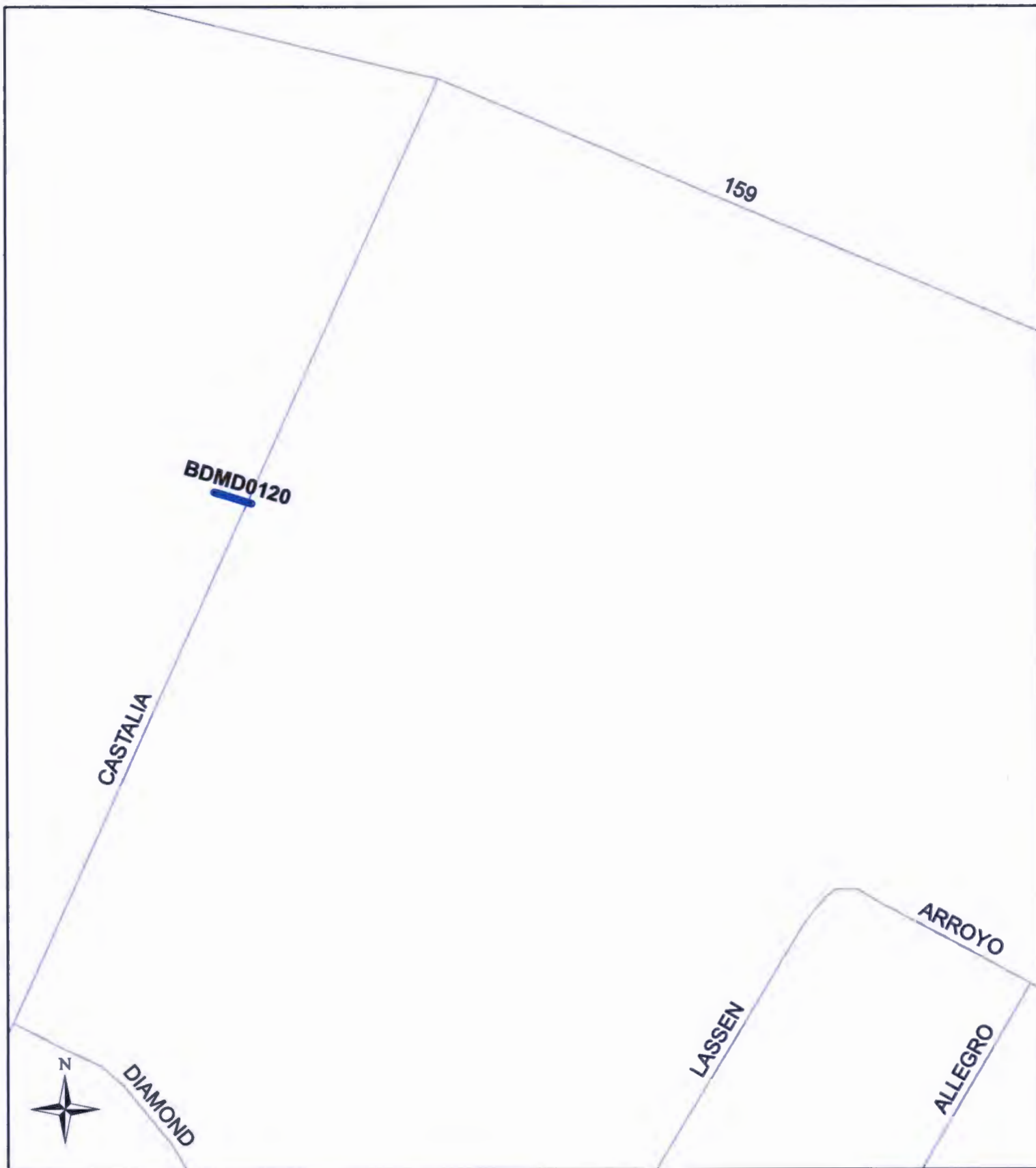
RCHB 0083, 0101, 0122-0151 Rancho Road System Beltway to be transferred to City of Las Vegas once ultimate MPU facilities are complete.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: **Dwayne Ako**

Phone Number: **702-455-7540**

# **EXHIBIT A - MAPS**





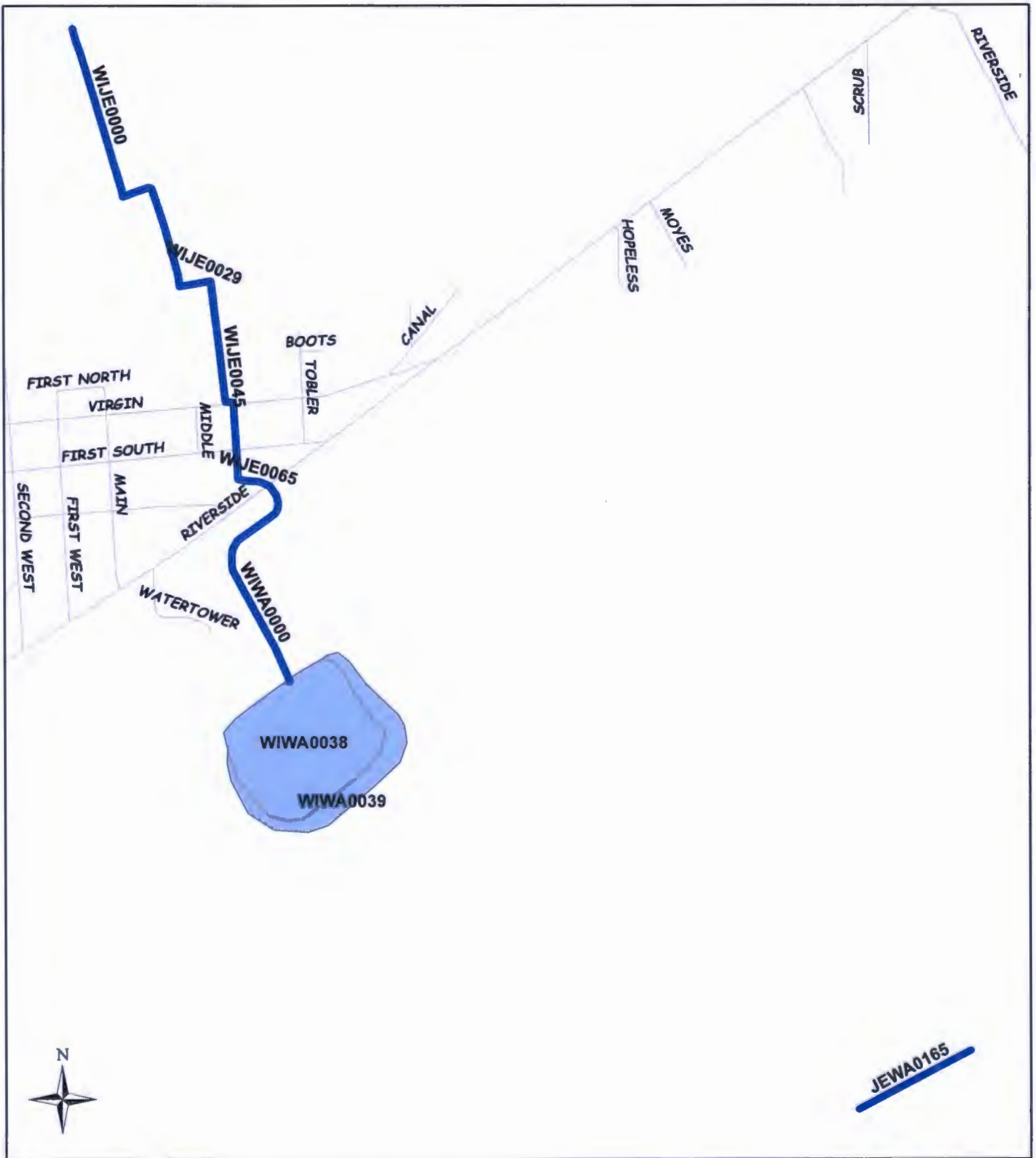
## Legend

 Channel/Storm Drains

## BLUE DIAMOND CROSSING AT CASTALIA ST



The information portrayed is for display purposes only.  
Due to the ever changing nature of the data, no liability is assumed  
as to the accuracy of the data delineated herein.  
Printed: April 10, 2017



## Legend

- Channels/Storm Drains
- Basins

## BUNKERVILLE WASHES





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as to the accuracy of the data delineated herein.  
Printed: April 19, 2017





## Legend

-  Channels/Storm Drains
-  Basins

## INDIAN SPRINGS



The information portrayed is for display purposes only.  
Due to the ever changing nature of the data, we liability to warrant  
as to the accuracy of the data delineated herein.  
Printed: April 26, 2017



PACIFIC

161 161

PACIFIC



**BEACON**

## SHAWMUT

**ESMERALDA**

VEGAS

ALAMEDA

SHAWMUT

**SPRING**

NO NAME

**HAMPDEN**

161 181

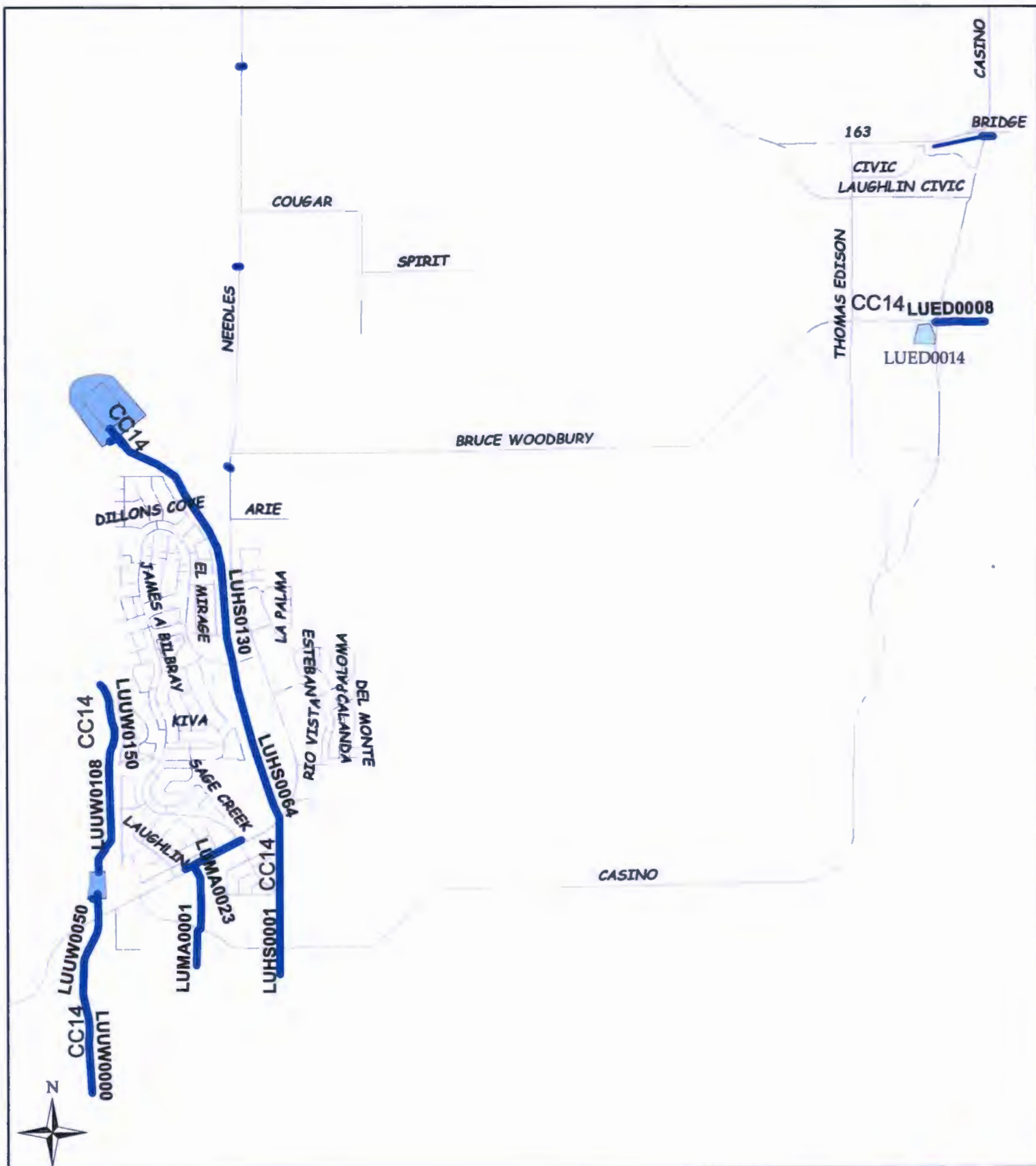
COYOTE

SHAWMUT



 GoodSprings

Printed: May 8, 2009 FWRD



## Legend

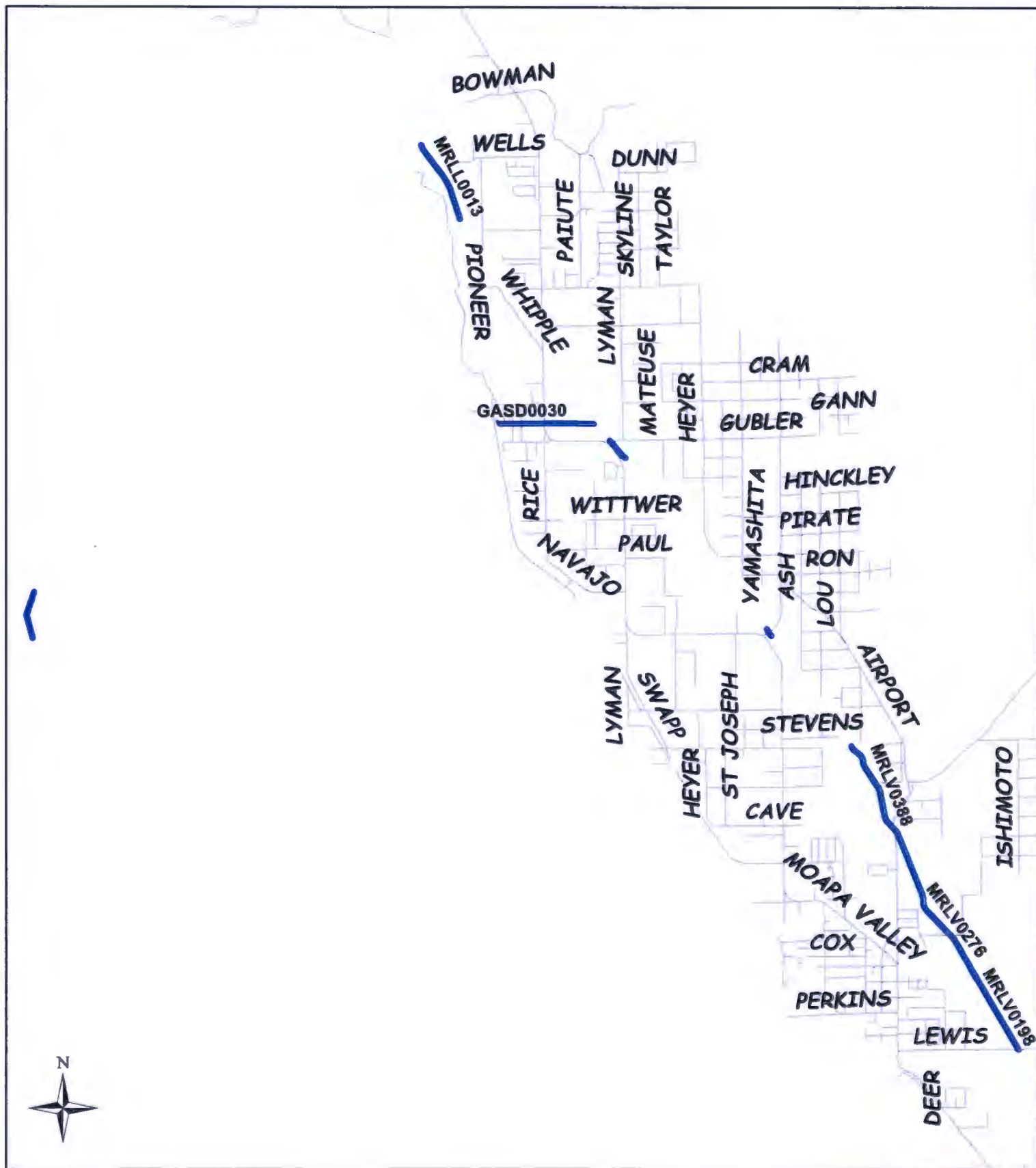
- Channels/Storm Drains
- Basins

## LAUGHLIN WASHES



The information portrayed is for display purposes only.  
Due to the ever changing nature of the data, no liability is assumed  
as to the accuracy of the data delineated herein.  
Printed: April 06, 2009





## Legend

- Channels/Storm Drains
- Basins

## MOAPA VALLEY WASHES



The information portrayed is for display purposes only.  
Due to the ever changing nature of the data, no liability is assumed  
as to the accuracy of the data delineated herein.  
Printed: April 20, 2017



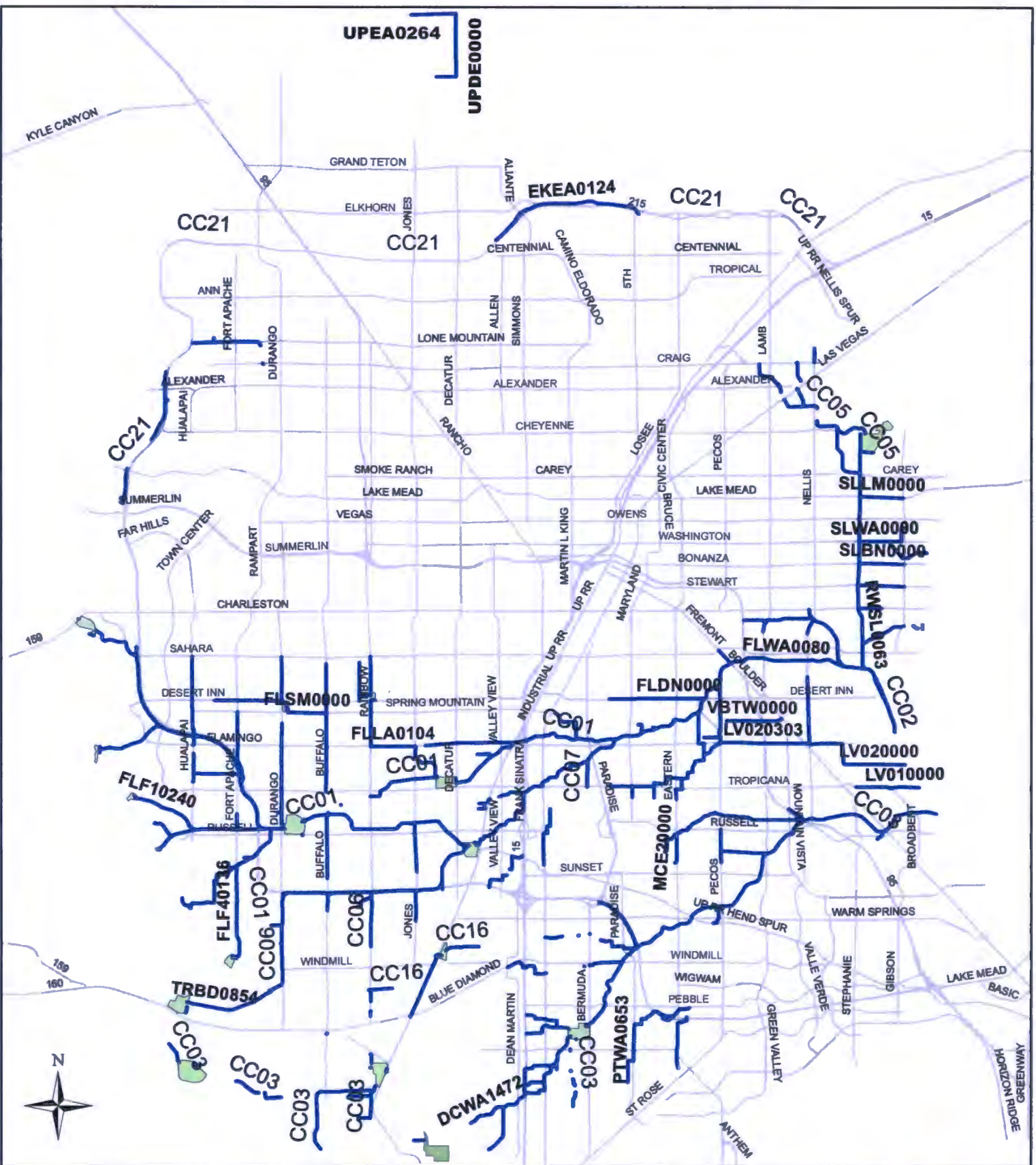
## Legend

 Channels/Strom Drains

## SEARCHLIGHT WASHES



The information portrayed is for display purposes only.  
Due to the ever changing nature of the data, no liability is assumed  
as to the accuracy of the data delineated herein.  
Printed April 28, 2017



- Legend**
- Channels/Storm Drains
  - Basins

# **LAS VEGAS VALLEY FLOOD CONTROL FACILITIES MAINTAINED BY CLARK COUNTY**



The information portrayed is for display purposes only.  
Due to the ever changing nature of the data, no liability is assumed  
as to the accuracy of the data delineated herein.  
Printed: March 26, 2020



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

ANNUAL MAINTENANCE WORK PROGRAM 2020-2021

**PETITIONER:**

CITY OF HENDERSON

**RECOMMENDATION OF PETITIONER:**

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS INTERLOCAL CONTRACT FOR THE MAINTENANCE OF REGIONAL FLOOD CONTROL FACILITIES FOR FY 2020-2021 (FOR POSSIBLE ACTION)

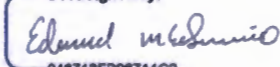
**FISCAL IMPACT:** The 2020-2021 Interlocal Contract is for \$3,651,831

**BACKGROUND:**

The 2020-2021 Maintenance Work Program has been developed to maintain Regional Flood Control facilities within the City of Henderson. The locations of the facilities to be maintained are shown on Exhibit "A" of the proposed Interlocal Agreement and the work to be performed is described in the work program which is attached.

Respectfully submitted,

DocuSigned by:



048713FB98714C2...

Edward McGuire

Director of Public Works

TAC AGENDA

ITEM # 11

Date: 05/28/2020

RFCD AGENDA

ITEM #

Date: 06/11/2020

CAC AGENDA

ITEM # 11

Date: 05/28/2020

AJ:mvp

April 28, 2020

**INTERLOCAL CONTRACT  
ANNUAL MAINTENANCE WORK PROGRAM**

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

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

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

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

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

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

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

**SECTION I - SCOPE OF PROJECT**

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance of the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

## SECTION II - PROJECT COSTS

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

1. The Project costs shall not exceed \$3,651,831.00.

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

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

2. The CITY and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the CITY shall submit invoices together with a detailed summary report of the maintenance service performed. The CITY shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the CITY stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District  
Accounts Payable  
600 S. Grand Central Parkway, Suite 300  
Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days of receipt of the invoice. Pursuant to Section IV, Paragraph 8, the DISTRICT may, in its sole discretion, withhold payments to the CITY for services rendered if the CITY fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.



### **SECTION III - PROJECT TIME**

The CITY agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2020 and June 30, 2021. The DISTRICT may grant extensions or terminate this contract and require all sums advanced to the CITY to be repaid if the CITY fails to perform by said date.

### **SECTION IV - GENERAL**

1. The CITY will complete the Project as set forth in Exhibit "A". The CITY staff personnel responsible for coordination of work under this contract are as listed below:

Edward McGuire, P.E., Director - Public Works  
Albert J. Jankowiak, P.E., CFM, Project Engineer III-Public Works

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The CITY will comply with the applicable provisions of the Local Government Purchasing Act, Chapter 332 and Public Works, Chapter 338, of the Nevada Revised Statutes.

3. Applicable portions of the current editions of the *Operations and Maintenance Manual*, *Policies and Procedures Manual*, *Hydrologic Criteria and Drainage Design Manual*, and *Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.

4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the CITY will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.

5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the CITY, approval for payment of billings and expenses submitted by the CITY and the

acceptance of any report provided by the CITY. The CITY shall be responsible for monitoring performance of CITY staff or private contractors.

6. Accurate documentation of all work performed and payments made shall be maintained by the CITY for a period of three (3) years in hard copy form after final project approval and payments. Following the three year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format in accordance with the CITY Record Retention Schedule.

7. The CITY shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the CITY fails to perform the maintenance according to the standards specified in this contract and the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the CITY or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the CITY specific written notice of the maintenance required and allowing the CITY 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Edward McGuire, P.E., Director - Public Works  
Albert J. Jankowiak, P.E., CFM, Project Engineer III-Public Works

9. The records of the CITY and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.

10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.

11. The CITY, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.

12. The CITY hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.

13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of CITY employees, consultants, contractors, or agents.

14. Any costs found to be improperly allocated to the Project will be refunded by the CITY to the DISTRICT.

15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.

16. 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.

17. This agreement shall be construed and interpreted in accordance with the laws of the State of Nevada.

**THE REMAINDER OF THIS PAGE IS INTENTIONALLY LEFT BLANK**



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

Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

ATTEST:

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

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

Approved as to Form:

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

\*\*\*\*\*  
Date of Council Action:

CITY OF HENDERSON

ATTEST:

\_\_\_\_\_  
Richard A. Derrick, City Manager/CEO

Approved as to Form:

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

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

Approved as to Funding:

Approved as to Content:

\_\_\_\_\_  
Jim McIntosh  
Chief Financial Officer

\_\_\_\_\_  
Edward McGuire  
Director of Public Works

**CITY OF HENDERSON  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET 2020-2021**

Master Plan Facility ID	MWP Facility Number	Facility Description	Cost
C1CH 0000-0452, C1CT 0000-0075, C1DC 0000-0303, C1E1 0000-0065, C1EQ 0000-0297, C1FK 0000-0039, 0069-0073, C1GA 0000-0002, C1H1 0000-0003, C1H2 0000-0001, C1HV 0000-0300, C1IT 0273, C1LM 0000-0141, C1RT 0001-0044, LLMW 0000, LLMW 0129, LLMW 0203	HN65	C1 NORTH	1,275,500.00
C1BH 0000-0302, C1CH 0455-0674, C1CH 0711, C1CH 0742-1138, C1GW 0000-0081, C1U1 0000-0062, C1US 0000-0078	HN66	C1 SOUTH	1,538,331.00
PTBR 0067-0175, PTGA 0000, PTGB 0058-0249, PTPA 0071, 0285, PTVW 0000-0187	HN67	PITTMAN CENTRAL NE	117,500.00
PTHR 0000-0210, PTIS 0000-0258, PTPD 0010-0063, PTRR 0000-0135, PTWH 0000-0116	HN68	PITTMAN CENTRAL SE	89,000.00
DCWA 0646-0670, PTDC 0026-0237, PTPE 0000-0166, PTRW 0000-0170, PTSW 0000-0129, PTWA 0000-0476, WWDC 0000-0109, WWDC 0147-0170	HN69	PITTMAN CENTRAL NW	392,000.00
PTDW 0000-0088, PTFD 0000-0111, PTLM 0000-0078, PTMR 0000-0400, 0480, PTRE 0000-0267, PTST 0000-0170, PTVV 0000-0005	HN70	PITTMAN CENTRAL SW	55,000.00
PTAD 0000-0070, PTAN 0000-0280, PTAT 0000-0007, PTCR 0000-0036, PTDY 0000, PTEA 0493-0773, PTOG 0000-0016, PTPN 0000-0039, PTRD 0000-0055, PTSA 0000-0091, PTSE 0000-0346, PTSN 0000-0063, PTSS 0000-0012, PTWS 0000-0063	HN71	PITTMAN ANTHEM INSPIRADA	100,000.00
PTAP 0000-0156, 0191, PTEA 0000-0244, PTEA 0437-0439, PTGV 0000-0073, PTHD 0000-0020, PTPW 0000-0309, PTSH 0011-0084	HN72	PITTMAN SEVEN HILLS	72,500.00
DCLA 0035, DCN1 0000, PTBE 0000-0177, PTGL 0000, PTN2 0000-0251, PTN3 0000, PTN5 0000, PTN6 0000, PTN7 0001, PTN8 0000-0039, PTN9 0000-0027, PTNO 0139-0195, PTSD 0231, PTSO 0042, 0104-0153, PTWA 0815-0983	HN73	PITTMAN WEST HENDERSON	12,000.00
<b>SUBTOTAL</b>			<b>\$3,651,831.00</b>

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET 2020-2021**

MWP Facility#: HN65

Entity: CITY OF HENDERSON

Facility Name: C1 NORTH

Date Prepared: 5/4/2020

MP Facility ID: C1CH 0000-0452, C1CT 0000-0075, C1DC 0000-0303, C1E1 0000-0065, C1EQ 0000-0297, C1FK 0000-0039, 0069-0073, C1GA 0000-0002, C1H1 0000-0003, C1H2 0000-0001, C1HV 0000-0300, C1IT 0273, C1LM 0000-0141, C1RT 0001-0044, LLMW 0000, LLMW 0129, LLMW 0203

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$10,000.00		\$0.00	0%	
	8 Inspect Levees/Detention and Debris Basins	\$10,000.00		\$0.00	0%	
	8 Species Survey and Removal	\$10,000.00		\$0.00	0%	
	10 Clean and Reshape Channels/Levees	\$30,000.00		\$0.00	0%	
	15 Repair Lined Channel	\$520,000.00		\$0.00	0%	
	20 Erosion Control and Repair	\$365,000.00		\$0.00	0%	
	21 Provide/Maintain Dust Control	\$45,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins	\$55,000.00		\$0.00	0%	
	35 Fence Repair	\$15,000.00		\$0.00	0%	
	40 Vegetation Control - Chemical	\$10,000.00		\$0.00	0%	
	45 Vegetation Control - Mechanical	\$100,000.00		\$0.00	0%	
	50 Maintain Access Road	\$15,000.00		\$0.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$5,000.00		\$0.00	0%	
	60 Repair Inlet/Outlet Structures	\$5,000.00		\$0.00	0%	
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$10,000.00		\$0.00	0%	
	85 Engineering	\$64,000.00		\$0.00	0%	
	90 Homeless Encampment Cleanup	\$5,500.00		\$0.00	0%	
	<b>TOTALS</b>	<b>\$1,275,500.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>Jun-2021</b>

Delays or Problem Areas:

Work completed during prior fiscal year:

Act 15, Act 21, Act 25, Act 50 - East C-1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 8, Act 20, Act 21, Act 25, Act 85 - Northeast C1 Detention Basin; remove sediment and debris from detention basin and repair erosion on embankments. Other expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 15 and Act 85 - SNWA Channel (LLMW 0203); repair erosion to lined channel. Act 20 and Act 85 - Lake Mead C-1 Channel Confluence Repair (C1CH 0204 and C1CH 0173); rebuild channel and extend riprap. Other budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/  
Contractor:  
Project  
Manager:

Albert J. Jankowiak

(702) 267-3024



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET 2020-2021**

MWP Facility#: HN66 Entity: CITY OF HENDERSON

Facility Name: C1 SOUTH Date Prepared: 5/4/2020

MP Facility ID: C1BH 0000-0302, C1CH 0455-0674, C1CH 0711, C1CH 0742-1138, C1GW 0000-0081, C1U1 0000-0082, C1US 0000-0078

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$10,000.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$10,000.00		\$0.00	0%	
	8 Species Survey and Removal	\$5,000.00		\$0.00	0%	
	10 Clean and Reshape Channels/Levees	\$40,000.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$20,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins	\$1,234,658.00		\$0.00	0%	
	35 Fence Repair	\$20,000.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$50,000.00		\$0.00	0%	
	50 Maintain Access Road	\$30,000.00		\$0.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$5,000.00		\$0.00	0%	
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$10,000.00		\$0.00	0%	
	85 Engineering	\$97,173.00		\$0.00	0%	
	90 Homeless Encampment Cleanup	\$6,500.00		\$0.00	0%	
	<b>TOTALS</b>	<b>\$1,538,331.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>Jun-2021</b>

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Act 8, Act 25 and Act 85 - Black Mountain Detention Basin (C1CH 1095) Sediment and Debris Removal. Other budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/  
Contractor:  
Project  
Manager:

Albert J. Janikowski

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET 2020-2021**

MWP Facility#:

HN67

Entity: CITY OF HENDERSON

Facility Name:

PITTMAN CENTRAL NE

Date Prepared:

5/4/2020

MP Facility ID:

PTBR 0067-0175, PTGA 0000, PTGB 0058-0249, PTPA 0071, 0285, PTVW 0000-0187

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$2,500.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$5,000.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$5,000.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$5,000.00		\$0.00	0%	
	21 Provide/Maintain Dust Control	\$5,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins	\$25,000.00		\$0.00	0%	
	35 Fence Repair	\$20,000.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$30,000.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$5,000.00		\$0.00	0%	
	85 Engineering	\$15,000.00		\$0.00	0%	
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$117,500.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>Jun-2021</b>
Delays or Problem Areas:						
Work completed during prior fiscal year:						
Expenditures on this facility were for regular maintenance activities.						
Work to be completed during current fiscal year:						
Budgeted funding to be expended on this facility for regular maintenance activities.						

Consultant/

Contractor:

Project

Manager:

Albert J. Janikowski

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET 2020-2021**

MWP Facility#: HN68  
Facility Name: PITTMAN CENTRAL SE

Entity: CITY OF HENDERSON  
Date Prepared: 5/4/2020

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

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$5,000.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$5,000.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$10,000.00		\$0.00	0%	
	15 Repair Lined Channel	\$5,000.00		\$0.00	0%	
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$10,000.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$30,000.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$5,000.00		\$0.00	0%	
	80 Miscellaneous Work Activities	\$5,000.00		\$0.00	0%	
	85 Engineering	\$7,500.00		\$0.00	0%	
	90 Homeless Encampment Cleanup	\$6,500.00		\$0.00	0%	
	<b>TOTALS</b>	<b>\$89,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>Jun-2021</b>

**Delays or Problem Areas:**

I-515 Channel (PTIS 0068-0102) repair was delayed due to the need for additional engineering analysis prior to construction and engineering analyses is now complete. Recommendation is to process a Master Plan Amendment to show a higher capacity design to the facility and add it to the TYCP.

**Work completed during prior fiscal year:**

Expenditures on this facility were for regular maintenance activities.

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

Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/  
Contractor:  
Project  
Manager: Albert J. Jankowiak

(702) 267-3024



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET 2020-2021**

MWP Facility#: HN69

Facility Name: PITTMAN CENTRAL NW

MP Facility ID: DCWA 0646-0670, PTDC 0026-0237, PTPE 0000-0166, PTRW 0000-0170, PTSW 0000-0129, PTWA 0000-0476, WWDC 0000-0109, WWDC 0147-0170

Entity: CITY OF HENDERSON

Date Prepared: 5/4/2020

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$6,500.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$2,000.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$80,000.00		\$0.00	0%	
	15 Repair Lined Channel	\$20,000.00		\$0.00	0%	
	20 Erosion Control and Repair	\$30,000.00		\$0.00	0%	
	21 Provide/Maintain Dust Control	\$6,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins	\$5,000.00		\$0.00	0%	
	35 Fence Repair	\$35,000.00		\$0.00	0%	
	40 Vegetation Control - Chemical	\$5,000.00		\$0.00	0%	
	45 Vegetation Control - Mechanical	\$170,000.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$6,000.00		\$0.00	0%	
	80 Miscellaneous Work Activities	\$5,000.00		\$0.00	0%	
	85 Engineering	\$15,000.00		\$0.00	0%	
	90 Homeless Encampment Cleanup	\$6,500.00		\$0.00	0%	
	<b>TOTALS</b>	<b>\$392,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>Jun-2021</b>

**Delays or Problem Areas:**

Act 85 - Structural review and recommendations for repair of energy dissipator (PTWA 0080) and prepare plans for repair of unlined embankment along Pittman Wash - Wigwam to Pecos (PTWA 0346). Other projects were prioritized for FY20.

**Work completed during prior fiscal year:**

Act 15, Act 85 - Construction and repair of culvert headwall at Sandwedge Channel (PTSW0019) and UPRR Slab Repair (PTRW0000). Other expenditures on this facility were for regular maintenance activities.

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

Act 85 - Structural review and recommendations for repair of energy dissipator (PTWA 0080) and prepare plans for repair of unlined embankment along Pittman Wash - Wigwam to Pecos (PTWA 0346). Other funding to be expended on this facility for regular maintenance activities.

Consultant/

Contractor:

Project

Manager:

Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET 2020-2021**

MWP Facility#: HN70

Entity: CITY OF HENDERSON

Facility Name: PITTMAN CENTRAL SW

Date Prepared: 5/4/2020

MP Facility ID: PTDW 0000-0088, PTFD 0000-0111, PTLM 0000-0078, PTMR 0000-0400, 0480, PTRE 0000-0267,  
PTST 0000-0170, PTVV 0000-0005

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$3,000.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$5,000.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$1,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$10,000.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$30,000.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$5,000.00		\$0.00	0%	
	85 Engineering	\$1,000.00		\$0.00	0%	
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$55,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>Jun-2021</b>

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/  
Contractor:  
Project  
Manager:

Albert J. Jankowski

(702) 287-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET 2020-2021**

MWP Facility#: HN71  
Facility Name: PITTMAN ANTHEM INSPIRADA

Entity: CITY OF HENDERSON  
Date Prepared: 5/4/2020

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

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$5,000.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$5,000.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$10,000.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$5,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins	\$20,000.00		\$0.00	0%	
	35 Fence Repair	\$10,000.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$30,000.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures	\$10,000.00		\$0.00	0%	
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$5,000.00		\$0.00	0%	
	85 Engineering					
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$100,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>Jun-2021</b>

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/  
Contractor:  
Project  
Manager:

Albert J. Jankowski

(702) 267-3024



REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET 2020-2021

MWP Facility#: HN72

Facility Name: PITTMAN SEVEN HILLS

MP Facility ID: PTAP 0000-0156, 0191, PTEA 0000-0244, PTEA 0437-0439, PTGV 0000-0073, PTHD 0000-0020, PTPW 0000-0309, PTSH 0011-0084

Entity: CITY OF HENDERSON

Date Prepared: 5/4/2020

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$2,500.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$6,000.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$10,000.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$2,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$5,000.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$30,000.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures	\$5,000.00		\$0.00	0%	
	60 Repair Inlet/Outlet Structures	\$500.00		\$0.00	0%	
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$5,000.00		\$0.00	0%	
	85 Engineering					
	90 Homeless Encampment Cleanup	\$6,500.00		\$0.00	0%	
	<b>TOTALS</b>	<b>\$72,500.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>Jun-2021</b>

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

Work to be completed during current fiscal year:

Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/  
Contractor:  
Project  
Manager:

Albert J. Janowski

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET 2020-2021**

MWP Facility#: HN73  
Facility Name: PITTMAN WEST HENDERSON

Entity: CITY OF HENDERSON  
Date Prepared: 5/4/2020

MP Facility ID: DCLA 0035, DCN1 0000, PTBE 0000-0177, PTGL 0000, PTN2 0000-0251, PTN3 0000, PTN5 0000, PTN6 0000, PTN7 0001, PTN8 0000-0039, PTN9 0000-0027, PTNO 0139-0195, PTSD 0231, PTSO 0042, 0104-0153, PTWA 0815-0983

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels	\$500.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$500.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$1,000.00		\$0.00	0%	
	25 Clean Detention/Debris Basins	\$5,000.00		\$0.00	0%	
	35 Fence Repair	\$5,000.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	90 Miscellaneous Work Activities					
	85 Engineering					
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$12,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>Jun-2021</b>

Delays or Problem Areas:

Work completed during prior fiscal year:

Expenditures on this facility were for regular maintenance activities.

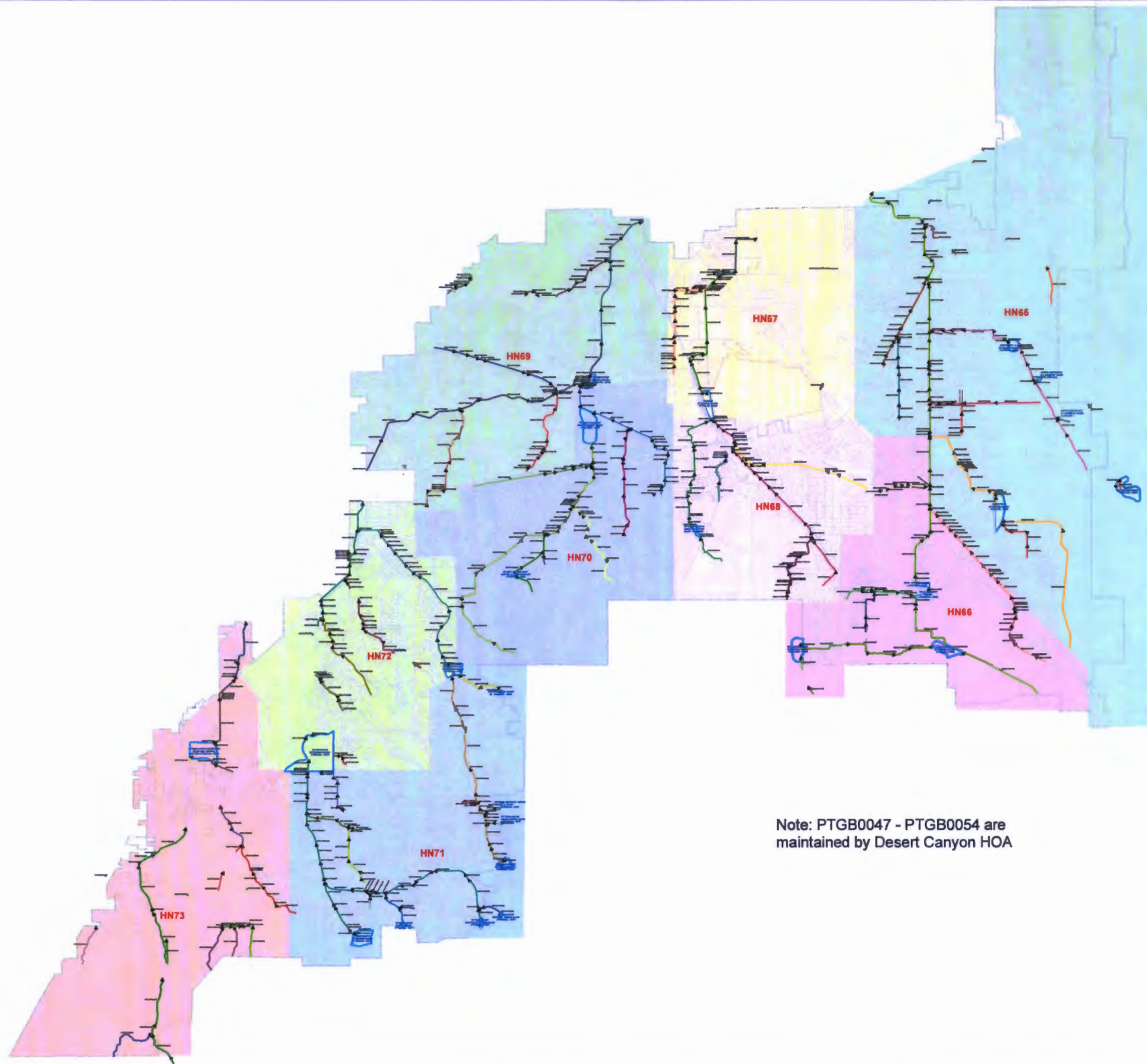
Work to be completed during current fiscal year:

Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/  
Contractor:  
Project  
Manager: Albert J. Jankowiak

(702) 267-3024

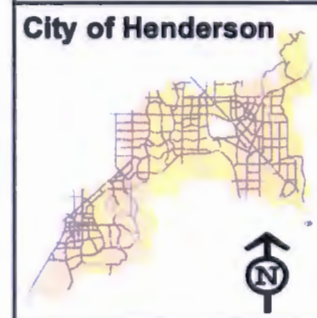




Note: PTGB0047 - PTGB0054 are maintained by Desert Canyon HOA



**Clark County  
Regional Flood  
Control District  
Maintenance Work Program  
2019 / 2020**



**Legend**

- Regional Facilities**
- C-1 CHANNEL
  - Henderson Street Center Lines
  - Detention Basins
- HN NUMBERS**
- HN65
  - HN66
  - HN67
  - HN68
  - HN69
  - HN70
  - HN71
  - HN72
  - HN73
  - City Limits

*This map is offered as a general reference guide only. Neither warranty of accuracy is intended nor should any be assumed.*

AUTHOR:	DATE:
GIS-PWPR	5/7/2020

Not to Scale

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CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

2020-2021 ANNUAL MAINTENANCE WORK PROGRAM BUDGET

**PETITIONER:** MIKE JANSSEN, DIRECTOR

CITY OF LAS VEGAS – DEPARTMENT OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

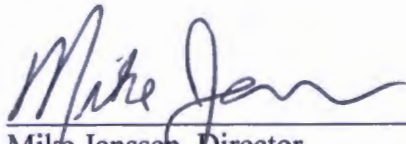
IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS INTERLOCAL CONTRACT FOR THE MAINTENANCE OF REGIONAL FLOOD CONTROL FACILITIES FOR THE FY 2020-2021 (FOR POSSIBLE ACTION).

**FISCAL IMPACT:** \$3,200,000.00

**BACKGROUND:**

The FY 2020-2021 Maintenance Work Program has been developed to maintain Regional Flood Control Facilities within the City of Las Vegas. The locations of the facilities to be maintained are shown on Exhibit "A" of the proposed Interlocal Agreement, and the work to be performed is described in the work program which is attached.

Respectfully submitted,

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

TAC AGENDA ITEM # 11 Date: 05/28/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM # 11 Date:	

**INTERLOCAL CONTRACT  
ANNUAL MAINTENANCE WORK PROGRAM**

THIS CONTRACT, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2020, by and between the CITY OF LAS VEGAS, a political subdivision of the State of Nevada, hereinafter referred to as "CITY", and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

**WITNESSETH:**

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

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

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

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

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

**SECTION I - SCOPE OF PROJECT**

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance to the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

## SECTION II - PROJECT COSTS

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

1. The Project costs shall not exceed \$3,200,000.00.

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

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

2. The CITY and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the CITY shall submit invoices together with a detailed summary report of the maintenance service performed. The CITY shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the CITY stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District  
Accounts Payable  
600 S. Grand Central Parkway, Suite 300  
Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days. Pursuant to Section IV, Paragraph 8, the DISTRICT may, in its sole discretion, withhold payments to the CITY for services rendered if the CITY fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.



### **SECTION III - PROJECT TIME**

The CITY agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2020 and June 30, 2021. The DISTRICT may grant extensions or terminate this contract and require all sums advanced to the CITY to be repaid if the CITY fails to perform by said date.

### **SECTION IV - GENERAL**

1. The CITY will complete the Project as set forth in Exhibit "A". The CITY staff personnel responsible for coordination of work under this contract are as listed below:

Mike Janssen, Director of Public Works

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The CITY will comply with Local Purchasing Act, Chapter 332 and Public Works Projects, Chapter 338, of the Nevada Revised Statutes.

3. Applicable portions of the current editions of the *Operations and Maintenance Manual*, *Policies and Procedures Manual*, *Hydrologic Criteria and Drainage Design Manual*, and *Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.

4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the CITY will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.

5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the CITY, approval for payment of billings and expenses submitted by the CITY and the acceptance of any report provided by the CITY. The CITY shall be responsible for monitoring performance of CITY staff or private contractors.

6. Accurate documentation of all work performed and payments made will be maintained by the CITY for a period of three (3) years in hard copy form after final project

approval and payments. Following the three year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format.

7. The CITY shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the CITY fails to perform the maintenance according to the standards specified in this contract and in the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the CITY or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the CITY specific written notice of the maintenance required and allowing the CITY 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Mike Janssen  
Director of Public Works  
City of Las Vegas  
333 North Rancho Drive  
Las Vegas, Nevada 89106

9. The records of the CITY and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.

10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.

11. The CITY, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.

12. The CITY hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.

13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of CITY employees, consultants, contractors, or agents.

14. Any costs found to be improperly allocated to the Project will be refunded by the CITY to the DISTRICT.

15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.

16. 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.

17. This agreement shall be construed and interpreted in accordance with the laws of the State of Nevada.

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

Date of Council Action

Date of District Action

\_\_\_\_\_

\_\_\_\_\_

City of Las Vegas

Regional Flood Control District

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

By: \_\_\_\_\_  
Lawrence L. Brown, III,  
Chair

Attest

Attest

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

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

Approved as to Form

Approved as to Form

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

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

CITY OF LAS VEGAS  
MAINTENANCE WORK PLAN SUMMARY  
FISCAL YEAR 2020 -2021

Master Plan Facility ID	MWP Facility Number	Facility Description	Cost
CACH, CABZ, CACN, LVBZ	LV51	Cedar Avenue Channel/Nellis System	\$100,000.00
GONO, GOSO, GOOF, GOCR, GOLM, GOBU, GOBW, APDG, APOF, APP1, GOTE, GO02, APNO, APSP, APBE, APSO, APMD, GOBE, GOL2, GOL3, GOL4, GOL5, APFH, APAD, APCB, APD3, GOWC, GODU, GOLB, GOLO, GOBX, APD2, GOB3, APM5	LV52	Gowan/Angel Park/Lone Mountain System	\$815,000.00
LVLM, LVSR, LV15, LVOW, LVRA, LVPK	LV53	Lake Mead/Smoke Ranch/Washington System	\$100,000.00
LVMD	LV54	Las Vegas Wash System	\$700,000.00
LCME, MECH, MEAL, MEPA, MEOK	LV55	Meadows/Oakey System	\$100,000.00
LCLT, WAPR, FWUP, LVWH, FW15, FWOK, FWWL, FWCH, FWSH, LCLO, WAGC, CHRA, LCCH, FWRR, FWR2	LV56	Washington Avenue/Las Vegas Creek System	\$385,000.00
RCHO, ANWE, RCHB, RCBC, EKDB, GOAN, CNGT, CNKC, EKHU, BCHU, TSDB, MSNV, LVMJ, LVDE, LVMD, CN95, EKBU, RACO, BRDB, ANRB, CNWE, MOHU, MOIR, MOLC	LV57	US 95/Outer Beltway/Ann Road System	\$1,000,000.00
		TOTAL	\$3,200,000.00

Exhibit A

Oh Sang Kwon  
Engineering Project Manager

4/1/2020

Date



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021**

MWP Facility #: LV51  
 Facility Name: Cedar Avenue Channel/Nellis System  
 MP Facility ID: CACH 0000 - 0148,  
CABZ 0000 - 0010, CACN 0000 - 0049,  
LVBZ 0166 - 0223

Entity: City of Las Vegas  
 Date Prepared: 4/1/2020

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$5,000.00				Jun-21
FA 05	Inspect Channels	\$1,000.00				Jun-21
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal	\$5,000.00				Jun-21
FA 10	Clean and Reshape Channels/Levees	\$15,000.00				Jun-21
FA 15	Repair Lined Channel	\$5,000.00				Jun-21
	20 Erosion Control and Repair	\$10,000.00				Jun-21
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
	35 Fence Repair	\$10,000.00				Jun-21
	40 Vegetation Control - Chemical	\$5,000.00				Jun-21
	45 Vegetation Control - Mechanical	\$10,000.00				Jun-21
	50 Maintain Access Road					
FA 55	Clean & Inspect Inlet/Outlet Structures	\$10,000.00				Jun-21
	60 Repair Inlet/Outlet Structures					
FA 65	Clean Storm Sewer Lines	\$2,000.00				Jun-21
FA 70	Storm Sewer Repair	\$1,000.00				Jun-21
FA 75	Clean/Flush Culverts & Bridges	\$2,000.00				Jun-21
FA 80	Miscellaneous Work Activities	\$13,000.00				Jun-21
FA 85	Engineering	\$1,000.00				Jun-21
FA 90	Homeless Encampment Cleanup	\$5,000.00				Jun-21
	<b>TOTALS</b>	<b>\$100,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.0%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Cleaned Cedar Avenue channel twice a year (CACH 0000-0148) and graffiti removal. Routine maintenance work activities.

**Work to be completed during current Fiscal Year:**

Inspect and clean storm drain facilities. Clean open channel twice a year (CACH 0000-0148) and graffiti removal. Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541



# REGIONAL FLOOD CONTROL DISTRICT MAINTENANCE WORK PROGRAM ANNUAL BUDGET - FY 2020-2021

MWP Facility #: LV52  
 Facility Name: Gowan/Angel Pk/Lone Mtn System  
 MP Facility ID: GONO 0000 - 0110, GOSO 0000 - 0462, GODU 0000 - 0050, GOL5 0000-0032  
 GOOF 0427 - 0775, GOCR 0180 - 0201, GOLB 0000 - 0030, GOL3 0000-0214  
 GOLM 0000 - 0277, GOBU 0000 - 0136, GOBW 0051-0310, GOBX 0000-0009  
 APDG 0000 - 0060, APOF 0000 - 0124, APP1 0000 - 0056, GOTE 0000, GOB3 0000  
 GO02 0000 - 0257, APNO 0015, APNO 0012, GOLO 0152-0332, APNO 0001-0004  
 APSP 0000 - 0183, APBE 0000 - 0122, APSO 0000, APSO 0020, GOBE 0000-0139  
 APSO 0204, APSO 0254, APSO 0255, APSO 0345, APMD 0027, APD2 0000 - 0002  
 APMD 0132, APMD 0190 - 0258, GOL2 0000 - 0014, APD3 0000 - 0021, GOWC 0000, APCB 0000-0080  
 GOL4 0000 - 0026, APFH 0000 - 0089, APM5 0000-0047, APM5 0047, APAD 0000 - 0225

Entity: City of Las Vegas  
 Date Prepared: 4/1/2020

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$5,000.00				Jun-21
FA 05	Inspect Channels	\$6,000.00				Jun-21
FA 06	Inspect Levees/Detention and Debris Basins	\$5,000.00				Jun-21
FA 08	Species Survey and Removal	\$5,000.00				Jun-21
	10 Clean and Reshape Channels/Levees	\$12,000.00				Jun-21
FA 15	Repair Lined Channel	\$500,000.00				Jun-21
FA 20	Erosion Control and Repair	\$20,000.00				Jun-21
FA 21	Provide/Maintain Dust Control	\$5,000.00				Jun-21
FA 25	Clean Detention Debris Basins	\$40,000.00				Jun-21
FA 35	Fence Repair	\$30,000.00				Jun-21
	40 Vegetation Control - Chemical	\$2,000.00				Jun-21
FA 45	Vegetation Control - Mechanical	\$10,000.00				Jun-21
	50 Maintain Access Road	\$5,000.00				Jun-21
FA 55	Clean & Inspect Inlet/Outlet Structures	\$20,000.00				Jun-21
FA 60	Repair Inlet/Outlet Structures	\$20,000.00				Jun-21
	65 Clean Storm Sewer Lines	\$10,000.00				Jun-21
FA 70	Storm Sewer Repair	\$20,000.00				Jun-21
FA 75	Clean/Flush Culverts & Bridges	\$50,000.00				Jun-21
FA 80	Miscellaneous Work Activities	\$10,000.00				Jun-21
FA 85	Engineering	\$30,000.00				Jun-21
FA 90	Homeless Encampment Cleanup	\$10,000.00				Jun-21
	<b>TOTALS</b>	<b>\$815,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.0%</b>	

## Delays or Problem Areas:

## Work completed during prior Fiscal Year:

Graffiti and trash removed. Constructed maintenance access road to Gowan South and North DB outfalls. Vegetation control and sediment removed throughout the detention basins. Routine maintenance work.

## Work to be completed during current Fiscal Year:

Repair section of damaged concrete channel (GOBE0001). Re-grout and replace joint seals along Cheyenne Channel. Graffiti and trash removal. Vegetation control and sediment removal throughout the detention basins. Routine maintenance work activities.

Consultant/Contractor: N/A

Project

Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E.

Phone Number:

702-229-6541



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021**

MWP Facility #: LV53  
 Facility Name: Lake Mead/Smoke Ranch/Washington System  
 MP Facility ID: LVLM 0336 - 0525, LVSR 0312 - 0525,  
LV15 0284 - 0474, LVOW 0000 - 0355,  
LVRA 0000 - 0066, LVPK 0000 - 0130

Entity: City of Las Vegas  
 Date Prepared: 4/1/2020

Force Account/ Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$5,000.00				Jun-21
FA 05	Inspect Channels	\$10,000.00				Jun-21
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
FA 10	Clean and Reshape Channels/Levees	\$2,500.00				Jun-21
FA 15	Repair Lined Channel	\$3,500.00				Jun-21
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
FA 35	Fence Repair	\$2,000.00				Jun-21
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
FA 55	Clean & Inspect Inlet/Outlet Structures	\$16,000.00				Jun-21
FA 60	Repair Inlet/Outlet Structures	\$5,000.00				Jun-21
FA 65	Clean Storm Sewer Lines	\$2,500.00				Jun-21
FA 70	Storm Sewer Repair	\$28,000.00				Jun-21
	75 Clean/Flush Culverts & Bridges	\$15,000.00				Jun-21
FA 80	Miscellaneous Work Activities	\$2,500.00				Jun-21
FA 85	Engineering	\$3,000.00				Jun-21
FA 90	Homeless Encampment Cleanup	\$5,000.00				Jun-21
<b>TOTALS</b>		<b>\$100,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.0%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Removed debris and cleaned drop inlets. Routine maintenance work activities.

**Work to be completed during current Fiscal Year:**

Remove debris, clean drop inlets, and repair any damages. Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021**

MWP Facility #: LV54  
Facility Name: Las Vegas Wash System  
MP Facility ID: LVMD 1069 - 1354

Entity: City of Las Vegas  
Date Prepared: 4/1/2020

Force Account/ Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA	03 Facility Assessment and Inventory	\$10,000.00				Jun-21
FA	05 Inspect Channels	\$20,000.00				Jun-21
	06 Inspect Levees/Detention and Debris Basins					
FA	08 Species Survey and Removal	\$15,000.00				Jun-21
FA	10 Clean and Reshape Channels/Levees	\$85,000.00				Jun-21
FA	15 Repair Lined Channel	\$300,000.00				Jun-21
	20 Erosion Control and Repair	\$5,000.00				Jun-21
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
FA	35 Fence Repair	\$20,000.00				Jun-21
	40 Vegetation Control - Chemical					
FA	45 Vegetation Control - Mechanical	\$173,000.00				Jun-21
	50 Maintain Access Road	\$2,000.00				Jun-21
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
FA	70 Storm Sewer Repair	\$5,000.00				Jun-21
FA	75 Clean/Flush Culverts & Bridges	\$5,000.00				Jun-21
FA	80 Miscellaneous Work Activities	\$10,000.00				Jun-21
FA	85 Engineering	\$30,000.00				Jun-21
FA	90 Homeless Encampment Cleanup	\$20,000.00				Jun-21
	<b>TOTALS</b>	<b>\$700,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.0%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Bi-annual vegetation control and erosion control along the Las Vegas Wash. Cleaned homeless encampment. Removed sediments and trash.

**Work to be completed during current Fiscal Year:**

Address standing water at the Bonanza system Outlet. Reset Riprap along the wash from Bonanza to Washington. Repair damaged gabion met. Homeless encampment cleanup. Provide bi-annual vegetation control. Continue with the sediment removal. Routine maintenance work activities.

Consultant/Contractor: N/A  
Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021**

MWP Facility #: LV55  
 Facility Name: Meadows/Oakey System  
 MP Facility ID: LCME 0000 - 0085, MECH 0108 - 0420,  
MEAL 0000 - 0258, MEPA 0000 - 0025, MEOK 0000 - 0217

Entity: City of Las Vegas  
 Date Prepared: 4/1/2020

Force Account/ Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA	03 Facility Assessment and Inventory	\$10,000.00				Jun-21
	05 Inspect Channels	\$1,000.00				Jun-21
	06 Inspect Levees/Detention and Debris Basins	\$1,000.00				Jun-21
	08 Species Survey and Removal	\$2,000.00				Jun-21
FA	10 Clean and Reshape Channels/Levees	\$10,000.00				Jun-21
FA	15 Repair Lined Channel	\$6,000.00				Jun-21
	20 Erosion Control and Repair	\$7,500.00				Jun-21
	21 Provide/Maintain Dust Control					
FA	25 Clean Detention Debris Basins	\$10,000.00				Jun-21
	35 Fence Repair	\$2,000.00				Jun-21
	40 Vegetation Control - Chemical	\$2,000.00				Jun-21
	45 Vegetation Control - Mechanical	\$5,000.00				Jun-21
FA	50 Maintain Access Road	\$5,000.00				Jun-21
FA	55 Clean & Inspect Inlet/Outlet Structures	\$8,000.00				Jun-21
FA	60 Repair Inlet/Outlet Structures	\$8,000.00				Jun-21
	65 Clean Storm Sewer Lines	\$2,000.00				Jun-21
FA	70 Storm Sewer Repair	\$7,500.00				Jun-21
FA	75 Clean/Flush Culverts & Bridges	\$1,000.00				Jun-21
FA	80 Miscellaneous Work Activities	\$2,000.00				Jun-21
FA	85 Engineering	\$5,000.00				Jun-21
FA	90 Homeless Encampment Cleanup	\$5,000.00				Jun-21
	<b>TOTALS</b>	<b>\$100,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.0%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Removed sediment and Vegetation control from Oakey DB and Meadows DB. Routine maintenance work activities.

**Work to be completed during current Fiscal Year:**

Continue to repair and clean storm drain facilities. Remove sediment and vegetation from the detention basins. Repair embankment erosions in the detention basins. Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541



# REGIONAL FLOOD CONTROL DISTRICT MAINTENANCE WORK PROGRAM ANNUAL BUDGET - FY 2020-2021

MWP Facility #: LV56  
 Facility Name: Washington Ave/Las Vegas Creek System  
 MP Facility ID: LCLT 0000 - 0034, WAPR 0000 - 0132, FWRR 0000-0010  
FWUP 0000 - 0100, LVWH 0086 - 0484, FWR2 0000-0020  
FW15 0000 - 0301, FWOK 0000 - 0100, FWWL 0000,  
FWCH 0000 - 0060, FWSH 0000, LCCH 0513 - 0543,  
LCLO 0000 - 0054, WAGC 0000 - 0060, CHRA 0000 - 0014

Entity: City of Las Vegas  
 Date Prepared: 4/1/2020

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA	03 Facility Assessment and Inventory	\$10,000.00				Jun-21
FA	05 Inspect Channels	\$10,000.00				Jun-21
	06 Inspect Levees/Detention and Debris Basins	\$2,000.00				Jun-21
	08 Species Survey and Removal					
FA	10 Clean and Reshape Channels/Levees	\$57,500.00				Jun-21
FA	15 Repair Lined Channel	\$50,000.00				Jun-21
	20 Erosion Control and Repair	\$5,000.00				Jun-21
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins	\$10,000.00				Jun-21
	35 Fence Repair	\$5,000.00				Jun-21
	40 Vegetation Control - Chemical	\$2,000.00				Jun-21
	45 Vegetation Control - Mechanical	\$2,000.00				Jun-21
	50 Maintain Access Road	\$1,000.00				Jun-21
FA	55 Clean & Inspect Inlet/Outlet Structures	\$40,000.00				Jun-21
FA	60 Repair Inlet/Outlet Structures	\$60,000.00				Jun-21
FA	65 Clean Storm Sewer Lines	\$10,000.00				Jun-21
FA	70 Storm Sewer Repair	\$7,500.00				Jun-21
FA	75 Clean/Flush Culverts & Bridges	\$25,000.00				Jun-21
FA	80 Miscellaneous Work Activities	\$5,000.00				Jun-21
FA	85 Engineering	\$8,000.00				Jun-21
FA	90 Homeless Encampment Cleanup	\$75,000.00				Jun-21
	<b>TOTALS</b>	<b>\$385,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.0%</b>	

## Delays or Problem Areas:

## Work completed during prior Fiscal Year:

Removed and cleared vegetation from the Rainbow Detention Basins. Removed sediments and cleared vegetation from the Freeway Channel openings along I-15 and Veterans Memorial Drive. Routine maintenance work activities.

## Work to be completed during current Fiscal Year:

Install trash racks on LCCH0518, FW150214 and FWR20000 to deter homeless encampment. Remove sediments and clear vegetation from the Freeway Channel openings along I-15 and Veterans Memorial Drive. Clean Las Vegas Creek Channel. Homeless encampment cleanup. Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E. Phone Number: 702-229-6541



# REGIONAL FLOOD CONTROL DISTRICT MAINTENANCE WORK PROGRAM ANNUAL BUDGET - FY 2020-2021

MWP Facility #: LV57  
 Facility Name: US95/OuterBeltway/Ann Road System  
 MP Facility ID: RCHO 0000 - 0071, ANWE 0127 - 0385, CNWE 0020-0314  
RCHB 0171 - 0295, RCHB 0120, RCHB 0000-0075, RCBC 0000-0140  
EKDB 0000 - 0070, GOAN 0000 - 0061, GOAN 0065-0127  
CNGT 0000 - 0247, CNKC 0000 - 0050, LVMD 2324 - 2789  
EKHU 0003 - 0023, BCHU 0000 - 0054, ANRB 0000-0050  
MSNV 0000, LVMJ 0000-0100, LVDE 0000-0027, MOHU 0167-0180  
CN95 0000 - 0333, EKBU 0000, LVMD 3313-3316, MOIR 0085-0099  
RACO 0000-0064, BRDB 0000-0058, TSDB 0000-0012, MOLC 0149

Entity: City of Las Vegas  
 Date Prepared: 4/1/2020

Force Account/ Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
FA	03 Facility Assessment and Inventory	\$10,000.00				Jun-21
	05 Inspect Channels	\$5,000.00				Jun-21
	06 Inspect Levees/Detention and Debris Basins	\$5,000.00				Jun-21
	08 Species Survey and Removal	\$2,000.00				Jun-21
	10 Clean and Reshape Channels/Levees	\$5,000.00				Jun-21
FA	15 Repair Lined Channel	\$50,000.00				Jun-21
FA	20 Erosion Control and Repair	\$105,000.00				Jun-21
FA	21 Provide/Maintain Dust Control	\$50,000.00				Jun-21
FA	25 Clean Detention Debris Basins	\$470,000.00				Jun-21
FA	35 Fence Repair	\$20,000.00				Jun-21
	40 Vegetation Control - Chemical	\$5,000.00				Jun-21
	45 Vegetation Control - Mechanical	\$5,000.00				Jun-21
FA	50 Maintain Access Road	\$50,000.00				Jun-21
FA	55 Clean & Inspect Inlet/Outlet Structures	\$40,000.00				Jun-21
FA	60 Repair Inlet/Outlet Structures	\$100,000.00				Jun-21
FA	65 Clean Storm Sewer Lines	\$20,000.00				Jun-21
FA	70 Storm Sewer Repair	\$20,000.00				Jun-21
FA	75 Clean/Flush Culverts & Bridges	\$10,000.00				Jun-21
FA	80 Miscellaneous Work Activities	\$10,000.00				Jun-21
FA	85 Engineering	\$8,000.00				Jun-21
FA	90 Homeless Encampment Cleanup	\$10,000.00				Jun-21
	<b>TOTALS</b>	<b>\$1,000,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.0%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Removed debris, sediment, and vegetation control in various detention basins. Installed new monitoring station to Kyle Canyon DB. Routine maintenance work activities.

**Work to be completed during current Fiscal Year:**

Sediment and vegetation removal from the detention basins. Secure access to Kyle Canyon DB. Add access block and chain to Skye Canyon DB1. Routine maintenance work activities.

Consultant/Contractor: N/A

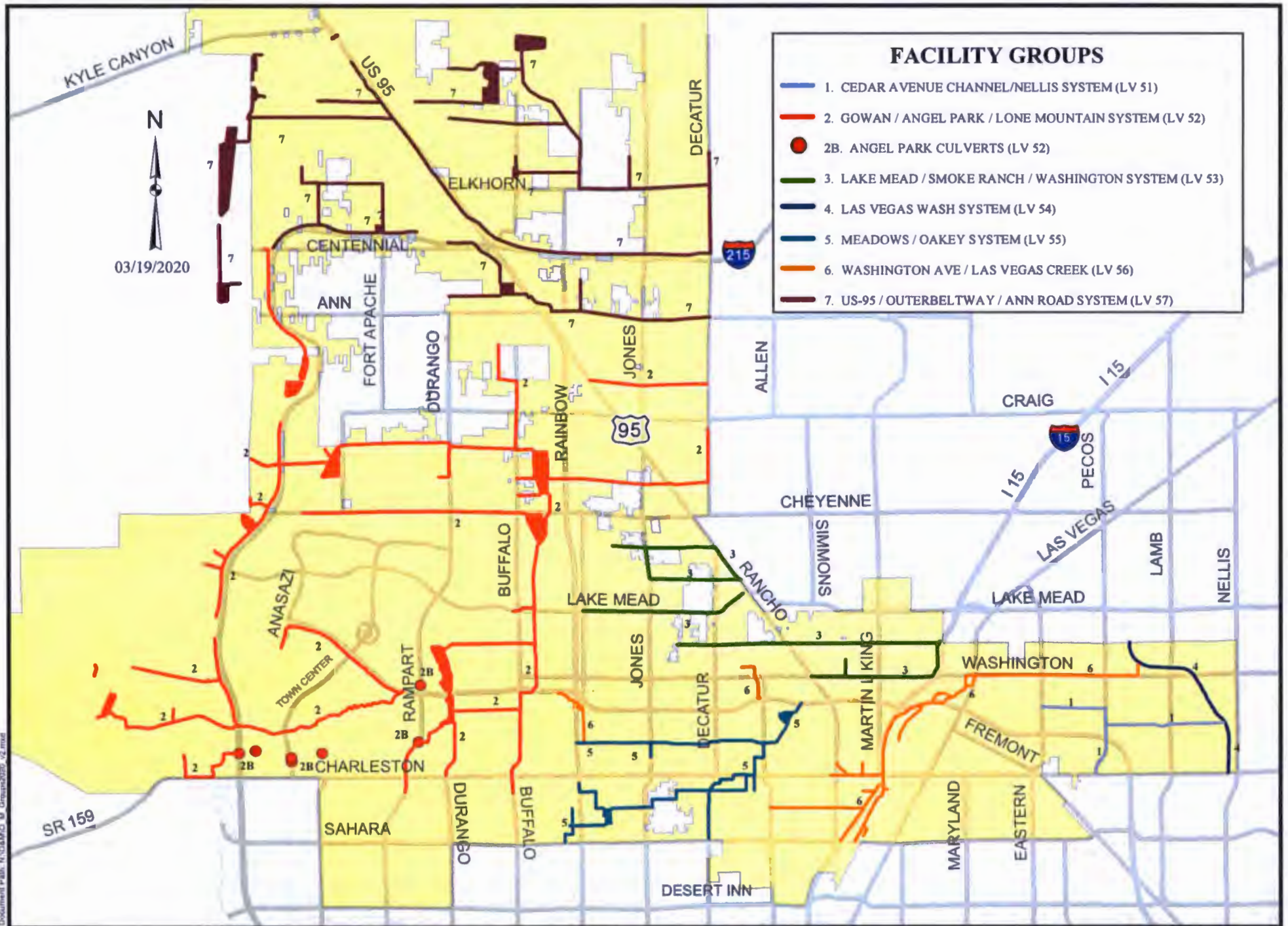
Project

Manager: Oh Sang Kwon, P.E./Matthew Meyer, P.E.

Phone Number:

702-229-6541





Document Path: N:\GAMMO M. Drawings\2020 - 02.mxd

Date: 3/19/2020

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT AGENDA ITEM

AGENDA ITEM

**SUBJECT**

Interlocal Agreement FY 2020/2021 Maintenance Work Program

**PETITIONER:**

Travis H. Anderson - Public Works Director for the City of Mesquite

**RECOMMENDATION OF PETITIONER:**

That the Clark County Regional Flood Control District Approve the FY 2020/2021 Interlocal Agreement for the Maintenance Work Program

**FISCAL IMPACT:** \$489,800.00

**BACKGROUND:**

The FY 2020/2021 Maintenance Work Program has been developed to maintain Regional Flood Control facilities within the City of Mesquite. The locations of the facilities to be maintained are shown on Exhibit "A" of the proposed Interlocal Agreement, and the work to be performed is described in the work program which is attached.

Respectfully submitted,



Travis H. Anderson  
Director of Public Works

TAC AGENDA  
ITEM # 11  
Date: 5/28/20

RFCD AGENDA  
ITEM #  
Date: 6/11/20

CAC AGENDA  
ITEM # 11  
Date:



**INTERLOCAL CONTRACT  
ANNUAL MAINTENANCE WORK PROGRAM**

THIS CONTRACT made and entered into this 11<sup>th</sup> day of June, 2020, by and between the City of Mesquite, a political subdivision of the State of Nevada, hereinafter referred to as "CITY", and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

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

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

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

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

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

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

**SECTION I - SCOPE OF PROJECT**

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance of the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

## **SECTION II - PROJECT COSTS**

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

1. The Project costs shall not exceed \$489,800.00.

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

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

2. The CITY and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the CITY shall submit invoices together with a detailed summary report of the maintenance service performed. The CITY shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the CITY stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District  
Attn: Accounts Payable  
600 S. Grand Central Parkway, Suite 300  
Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days of receipt of the invoice. Pursuant to Section IV, Paragraph 8, the DISTRICT may, in its sole discretion, withhold payments to the CITY for services rendered if the CITY fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.

## **SECTION III - PROJECT TIME**

The CITY agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2020 and June 30, 2021. The DISTRICT may grant extensions or terminate this contract and require all sums advanced to the CITY to be repaid if the CITY fails to perform by said date.



#### **SECTION IV - GENERAL**

1. The CITY will complete the Project as set forth in Exhibit "A". The CITY staff personnel responsible for coordination of work under this contract are as listed below:

Aaron Baker, City Manager

Travis H. Anderson, Public Works Director

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The CITY will comply with the applicable provisions of the Local Government Purchasing Act, Chapter 332 and Public Works, Chapter 338, of the Nevada Revised Statutes.
3. Applicable portions of the current editions of the *Operations and Maintenance Manual*, *Policies and Procedures Manual*, *Hydrologic Criteria and Drainage Design Manual*, and *Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.
4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the CITY will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.
5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the CITY, approval for payment of billings and expenses submitted by the CITY and the acceptance of any report provided by the CITY. The CITY shall be responsible for monitoring performance of CITY staff or private contractors.
6. Accurate documentation of all work performed and payments made shall be maintained by the CITY for a period of three (3) years in hard copy form after final project approval and payments. Following the three year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format in accordance with the CITY's Record Retention Schedule.
7. The CITY shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the CITY fails to perform the maintenance according to the standards specified in this contract and the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the CITY or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the CITY specific written notice of the maintenance required and allowing the CITY 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Travis H. Anderson, Public Works Director  
City of Mesquite  
10 E. Mesquite Boulevard  
Mesquite NV 89027

9. The records of the CITY and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.
10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.
11. The CITY, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.
12. The CITY hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.
13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of CITY employees, consultants, contractors, or agents.
14. Any costs found to be improperly allocated to the Project will be refunded by the CITY to the DISTRICT.
15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.
16. 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.

17. This agreement shall be construed and interpreted in accordance with the laws of the State of Nevada.

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

Date of District Action:

**REGIONAL FLOOD CONTROL DISTRICT**

\_\_\_\_\_  
**ATTEST**

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

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

**APPROVED AS TO FORM**

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

\*\*\*\*\*

Date of Council Action:

**CITY OF MESQUITE**

\_\_\_\_\_  
**ATTEST**

\_\_\_\_\_  
Allan S. Litman, Mayor

\_\_\_\_\_  
Tracy E. Beck, City Clerk

**APPROVED AS TO FORM**

\_\_\_\_\_  
Robert Sweetin, City Attorney

CITY OF MESQUITE  
MAINTENANCE WORK PLAN SUMMARY  
FISCAL YEAR 2020-2021

Master Plan Facility ID	MWP Facility Number	Facility Description	Cost
TOWA 0000 thru 0201	ME01	Mesquite Town Wash	\$ 19,000.00
ABWA 0000 thru 0233	ME02	Abbott Wash Channel	\$ 14,300.00
TOWA 0237 thru 0267, MNTP 0000	ME04	Town Wash Detention Basin	\$ 337,400.00
PUWA 0000 thru 0164	ME07	Pulsipher Wash	\$ 29,400.00
ABWA 0234 thru 0236	ME08	Abbott Wash Detention Basin	\$ 60,000.00
PUWA 0166 thru 0168	ME09	Pulsipher Wash Detention Basin	\$ 29,700.00
TOTAL			\$ 489,800.00

  
 Project Manager

3-30-20  
 Date



REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021

MWP Facility ME01  
Facility Name Mesquite Town Wash  
MP Facility ID TOWA 0000-0201

Entity: City of Mesquite  
Date Prepared: Updated 03/30/20

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00				
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 6,900.00				
	15 Repair Lined Channel	\$ 3,000.00				
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 3,800.00				
	45 Vegetation Control - Mechanical	\$ 2,000.00				
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 3,000.00				
	85 Engineering					
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$19,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0%</b>	<b>30-Jun-21</b>

**Delays or problem areas:**

TOWA 0119 will be concrete lined with Mesa Boulevard, project design in progress.

**Work completed during current quarter:**

Remove debris, clean drop inlets, and repair any damages. Routine maintenance work activities.

**Work to be completed during next quarter:**

Continue to perform, repair and clean facility. Routine maintenance work activities.

Consultant/

Contractor: N/A

Project

Manager:



Travis H. Anderson - Public Works Director

Phone Number: 702-346-5237

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021

MWP Facility # **ME02**

Facility Name **Abbott Wash Channel**

MP Facility ID: **ABWA 0000-0233**

Entity: **City of Mesquite**

Date Prepared: **Updated 03/30/20**

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00				
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 3,000.00				
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 3,000.00				
	21 Provide/Maintain Dust Control	\$ 2,000.00				
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 2,500.00				
	45 Vegetation Control - Mechanical	\$ 1,000.00				
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$ 500.00				
	80 Miscellaneous Work Activities	\$ 2,000.00				
	85 Engineering					
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$14,300.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0%</b>	<b>30-Jun-21</b>

**Delays or problem areas:**

**Work completed during current quarter:**

Remove debris, clean drop inlets, and repair any damages. Routine maintenance work activities.

**Work to be completed during next quarter:**

Continue with sediment removal. Routine maintenance work activities.

Consultant/

Contractor: N/A

Project

Manager:

  
Travis H. Anderson - Public Works Director

Phone Number: 702-346-5237



REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021

MWP Facility # ME04

Facility Name Town Wash Detention Basin

MP Facility ID: TOWA 0237-0267 & MNTP 0000

Entity: City of Mesquite

Date Prepared: Updated 03/30/20

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,600.00				
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$ 4,000.00				
	25 Clean Detention Debris Basins	\$ 320,000.00				
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road	\$ 800.00				
	55 Clean & Inspect Inlet/Outlet Structures	\$ 1,000.00				
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 4,000.00				
	85 Engineering	\$ 5,000.00				
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$337,400.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0%</b>	<b>30-Jun-21</b>

**Delays or problem areas:**

**Work completed during current quarter:** The majority of funds used for this project went towards the costs associated to remove sediment after rain storms went through the Mesquite area leaving large amounts of sediment in the detention basin.

**Work to be completed during next quarter:** Continue to haul off or relocate sediment from rain storm events. Repair erosion damages, remove debris from inlets and storm drains.

Consultant/

Contractor: N/A

Project

Manager:

  
Travis H. Anderson - Public Works Director

Phone Number: 702-346-5237

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021

MWP Facility # ME07

Facility Name Pulsipher Wash

MP Facility ID: PUWA 0000-0164

Entity: City of Mesquite

Date Prepared: Updated 03/30/20

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels	\$ 300.00				
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$ 14,000.00				
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 7,000.00				
	21 Provide/Maintain Dust Control	\$ 2,000.00				
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 2,000.00				
	45 Vegetation Control - Mechanical	\$ 1,000.00				
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 3,100.00				
	85 Engineering					
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$29,400.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0%</b>	<b>30-Jun-21</b>

**Delays or problem areas:**

**Work completed during current quarter:**

Continue with condition assessment repair and cleaning. Repair erosion damages in embankment from the detention basin.

**Work to be completed during next quarter:**

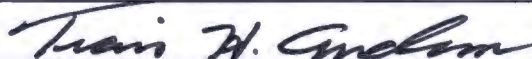
Repair Riprap along wash. Continue repair and cleaning of facility. Routine maintenance work activities.

Consultant/

Contractor: N/A

Project

Manager:



Travis H. Anderson - Public Works Director

Phone Number: 702-346-5237



REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021

MWP Facility # **ME08**

Facility Name **Abbott Wash Detention Basin**

MP Facility ID: **ABWA 0234-0236**

Entity: **City of Mesquite**

Date Prepared: **Updated 03/30/20**

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,500.00				
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 5,000.00				
	21 Provide/Maintain Dust Control	\$ 2,000.00				
	25 Clean Detention Debris Basins	\$ 40,000.00				
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 1,000.00				
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road	\$ 1,000.00				
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00				
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 1,000.00				
	85 Engineering	\$ 5,000.00				
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$60,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0%</b>	<b>30-Jun-21</b>

**Delays or problem areas:**

**Work completed during current quarter:** The majority of funds used for this project went towards the cost associated to remove sediment after storms went through the Mesquite area leaving large amounts of sediment in the detention basin.

**Work to be completed during next quarter:** Continue to haul off or relocate sediment from rain storm events. Repair erosion damages, remove debris from inlets and storm drains.

Consultant/

Contractor: N/A

Project

Manager:

  
Travis H. Anderson - Public Works Director

Phone Number: 702-346-5237

REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
ANNUAL BUDGET - FY 2020-2021

MWP Facility # **ME09**

Facility Name **Pulsipher Wash Detention Basin**

MP Facility ID: **PUWA 0166-0168**

Entity: **City of Mesquite**

Date Prepared: **Updated 03/30/20**

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	03 Facility Assessment and Inventory					
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins	\$ 2,500.00				
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$ 7,700.00				
	21 Provide/Maintain Dust Control	\$ 2,000.00				
	25 Clean Detention Debris Basins	\$ 10,000.00				
	35 Fence Repair					
	40 Vegetation Control - Chemical	\$ 1,000.00				
	45 Vegetation Control - Mechanical	\$ 1,000.00				
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00				
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities	\$ 1,000.00				
	85 Engineering	\$ 2,000.00				
	90 Homeless Encampment Cleanup					
	<b>TOTALS</b>	<b>\$29,700.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0%</b>	<b>30-Jun-21</b>

**Delays or problem areas:**

**Work completed during current quarter:** The majority of funds used for this project went towards the cost associated to remove sediment after storms went through the Mesquite area leaving large amounts of sediment in the detention basin.

**Work to be completed during next quarter:** Continue to haul off or relocate sediment from rain storm events. Repair erosion damages, remove debris from inlets and storm drains.

Consultant/

Contractor: **N/A**

Project

Manager:

  
Travis H. Anderson - Public Works Director

Phone Number: **702-346-5237**








# Exhibit "A"

## Existing Stormwater Facilities

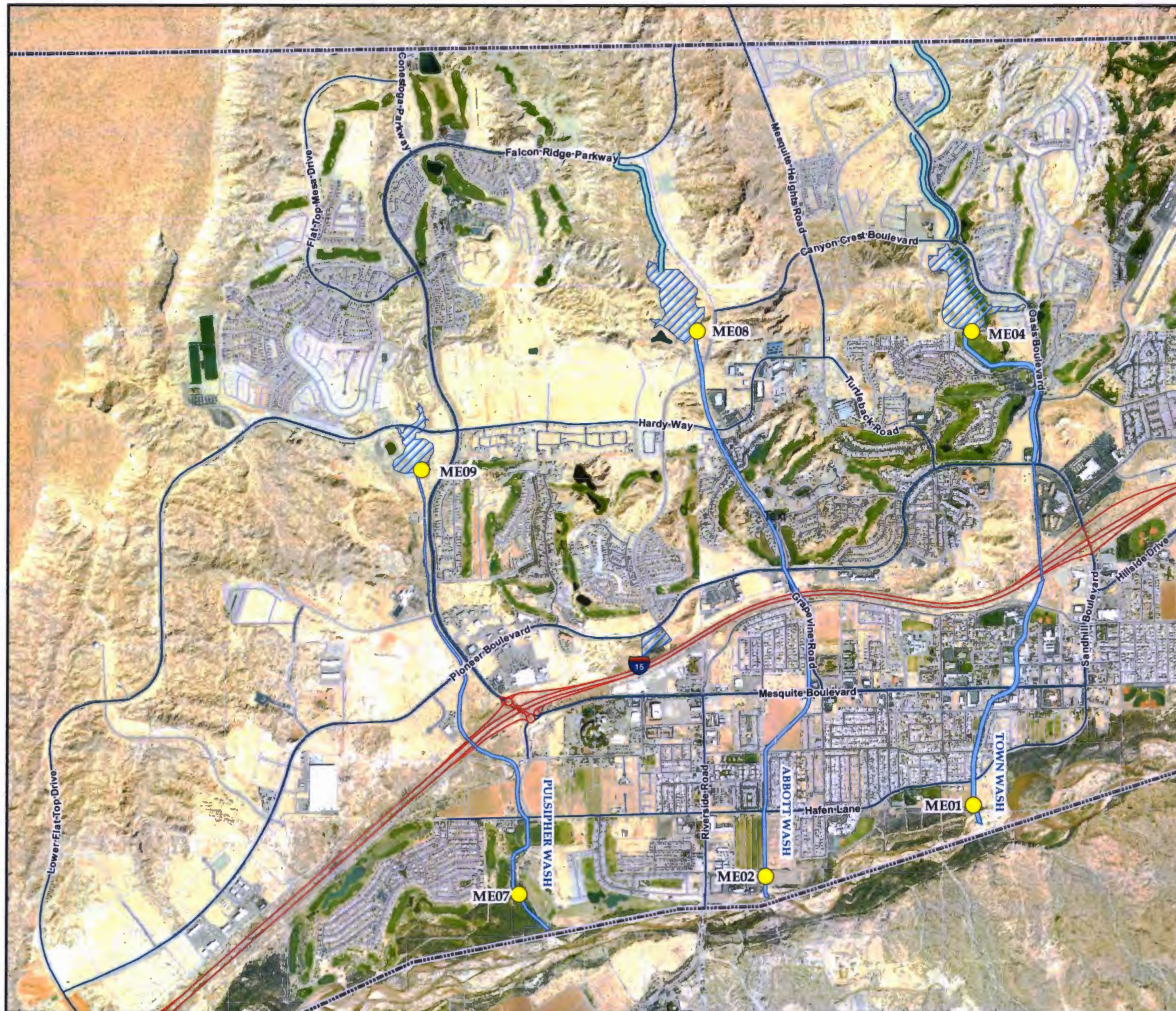
### City of Mesquite, Nevada

#### Legend

-  Proposed Future Wash
-  Stormwater Facilities
-  Washes
-  FCF Basin
-  City Limits



Path: M:\GISBase\Maps\_Drawings\Public\_Works\Washes\MWP\_Mar2018.mxd  
 Date: 4/11/2019  
 This map is not intended for engineering purposes.  
 Public Works Department





**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

2020/2021 MAINTENANCE WORK PROGRAM

**PETITIONER:**

CITY OF NORTH LAS VEGAS

**RECOMMENDATIONS OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE INTERLOCAL CONTRACT FOR THE 2020/2021 MAINTENANCE WORK PROGRAM (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** \$2,154,427.00

**BACKGROUND:**

The 2020/2021, Maintenance Work Program has been developed to maintain Regional Flood Control facilities within the City of North Las Vegas. The locations of the facilities to be maintained are shown on Exhibit "A" of the proposed Interlocal Agreement, and the work to be performed is described in the work program, which is attached.

Respectfully submitted,



---

Dale Daffern, P.E.  
Director of Public Works

TAC AGENDA ITEM # 11 Date: 05/28/20	RFCD AGENDA ITEM # Date: 06/11/20
CAC AGENDA ITEM # 11 Date:	



**INTERLOCAL CONTRACT  
ANNUAL MAINTENANCE WORK PROGRAM**

THIS CONTRACT, made and entered into this 11th day of June, 2020, by and between the City of North Las Vegas, a political subdivision of the State of Nevada, hereinafter referred to as City of North Las Vegas, and the CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT, hereinafter referred to as "DISTRICT".

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

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

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

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

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

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

**SECTION I - SCOPE OF PROJECT**

This Interlocal Contract applies to the maintenance of flood control facilities, which are identified in the DISTRICT'S Master Plan facilities including updates and amendments subsequently approved. The basic maintenance of the facilities will be in accordance with performance standards set forth in the current DISTRICT *Operations and Maintenance Manual*.

The Project is more specifically described in Exhibit "A" which is attached hereto and by this reference incorporated herein.

**SECTION II - PROJECT COSTS**

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

1. The Project costs shall not exceed \$2,154,427;

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

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

2. The City of North Las Vegas and DISTRICT will comply with Section 4.12 of the *Operations and Maintenance Manual*. In accordance with said manual the City of North Las Vegas shall submit invoices together with a detailed summary report of the maintenance service performed. The City of North Las Vegas shall submit an invoice voucher in the manner prescribed by the DISTRICT. The vouchers shall include such information as is necessary for the DISTRICT to determine the nature of all expenditures. Each voucher will clearly indicate that it is for services rendered in performance under this contract. Each voucher will also be accompanied by a written certification from the City of North Las Vegas stating that it is for performance of maintenance activities under this contract and is composed of completed elements set forth in the annual work program.

All invoices must be submitted for payment to:

Clark County Regional Flood Control District  
Accounts Payable  
600 S. Grand Central Parkway, Suite 300  
Las Vegas, Nevada 89106-4511

Payment shall be considered timely if made by the DISTRICT within 30 days of receipt of the invoice. Pursuant to Section IV, Paragraph 8, the DISTRICT may, in its sole discretion, withhold payments to the City of North Las Vegas for services rendered if the City of North Las Vegas fails to satisfactorily comply with any term or condition of this contract and/or the DISTRICT *Operations and Maintenance Manual*.

### **SECTION III - PROJECT TIME**

The City of North Las Vegas agrees to perform the Project to the satisfaction of the DISTRICT between July 1, 2020 and June 30, 2021. The DISTRICT may grant extensions or



terminate this contract and require all sums advanced to the City of North Las Vegas to be repaid if the City of North Las Vegas fails to perform by said date.

#### **SECTION IV - GENERAL**

1. The City of North Las Vegas will complete the Project as set forth in Exhibit "A". The City of North Las Vegas staff personnel responsible for coordination of work under this contract are as listed below:

Dale Daffern, P.E., Director of Public Works

John Runiks, Manager of Infrastructure Maintenance

It is understood that staff named above will be responsible for work coordination throughout the period of this contract unless the DISTRICT is informed in writing of changes in these personnel assignments.

2. The City of North Las Vegas will comply with the applicable provisions of the Local Government Purchasing Act, Chapter 332 and Public Works, Chapter 338, of the Nevada Revised Statutes.

3. Applicable portions of the current editions of the *Operations and Maintenance Manual*, *Policies and Procedures Manual*, *Hydrologic Criteria and Drainage Design Manual*, and *Uniform Regulations for the Control of Drainage* adopted by the DISTRICT will apply unless specifically superseded by this CONTRACT.

4. It is the intent of the DISTRICT that scheduling of maintenance and repair of drainage and flood control facilities in general and Master Plan Facilities specifically be coordinated among member entities. Therefore, in those cases where Master Plan approved, and DISTRICT-funded projects have regional flood control significance impacting more than one member entity, the City of North Las Vegas will allow all impacted member entities an opportunity to review the maintenance schedule in order to coordinate maintenance efforts.

5. The Chief Engineer or designee of the DISTRICT shall be responsible for monitoring the performance of the City of North Las Vegas, approval for payment of billings and expenses submitted by the City of North Las Vegas and the acceptance of any report provided by the City of North Las Vegas. The City of North Las Vegas shall be responsible for monitoring performance of City of North Las Vegas staff or private contractors.

6. Accurate documentation of all work performed and payments made shall be maintained by the City of North Las Vegas for a period of three (3) years in hard copy form after final project approval and payments. Following the three-year period, the City of North Las Vegas shall keep records for permanent storage in original form, in microfilm/fiche media, or an electronic format in accordance with the City of North Las Vegas Record Retention Schedule.

7. The City of North Las Vegas shall provide right of access to its facilities to the DISTRICT or Chief Engineer at all reasonable times, in order to monitor and evaluate performance, compliance, and/or quality assurance under this contract.

8. In the event the City of North Las Vegas fails to perform the maintenance according to the standards specified in this contract and the DISTRICT *Operations and Maintenance Manual*, the DISTRICT may perform or cause to be performed the maintenance necessary to assure proper operation of the facility. Costs incurred by the DISTRICT shall be reimbursed by the City of North Las Vegas or be deducted from the amount authorized by this contract. The DISTRICT may not exercise this right without giving the City of North Las Vegas specific written notice of the maintenance required and allowing the City of North Las Vegas 60 days within which to perform said maintenance. The notice required by this provision must be sent to:

Dale Daffern, P.E., Director of Public Works

John Runiks, Manager of Infrastructure Maintenance

9. The records of the City of North Las Vegas and/or private contractors pertaining to the subject matter of this contract shall at all reasonable times be subject to inspection and audit by the DISTRICT or an Agent of the DISTRICT.

10. If any provision of this contract shall be deemed in conflict with any statute or rule of law, such provision shall be deemed modified to be in conformance with said statute or rule of law.

11. The City of North Las Vegas, its employees, and representative shall at all times comply with all applicable laws, ordinances, statutes, rules, and regulations in effect at the time work is performed.



12. The City of North Las Vegas hereby agrees to reimburse the DISTRICT if funds are received from other sources for maintenance and repair of drainage and flood control facilities paid for by the DISTRICT.

13. The DISTRICT will not be responsible for any fines and/or penalties caused by the actions or inactions of City of North Las Vegas employees, consultants, contractors, or agents.

14. Any costs found to be improperly allocated to the Project will be refunded by the City of North Las Vegas to the DISTRICT.

15. It is specifically understood and agreed to by and between the parties hereto that it is not intended by any of the provisions of any part of this contract to create in the public or any member thereof a third party beneficiary hereunder, or to authorize anyone not a party to this contract to maintain a suit for personal injuries or property damage pursuant to the terms or provisions of this contract.

16. Up to the limits set forth in NRS Chapter 41, the City of North Las Vegas 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 of North Las Vegas 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.

17. This agreement shall be construed and interpreted in accordance with the laws of the State of Nevada.

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

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

ATTEST: BY: \_\_\_\_\_  
John J. Lee, Mayor

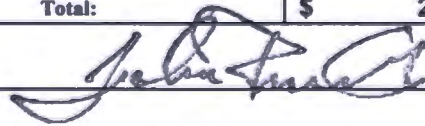
\_\_\_\_\_  
Catherine A. Raynor, MMC  
City Clerk



**Regional Flood Control District  
Maintenance Work Plan Summary  
Annual Budget FY 2020-2021**

Master Plan Facility ID	MWP Facility Number	Facility Description	Cost
LVNC 0001-0164	NLV01	Las Vegas Wash - "N" Channel	\$ 80,075.00
LVMD 1648-1877	NLV02	Las Vegas Wash - Middle	\$ 177,571.00
LVKC 0000-0097	NLV03	Las Vegas Wash - King Charles Channel	\$ 70,071.00
RWWE 0055-0350, RWRR 0000-0092, RWWA 0000-0104, RWLA 0000-0047, RWCC 0000, RWWE 0363, RWAN 0055, 0100, RWHW 0174-0277, RWAZ 0000	NLV04	Vandenberg Detention Basin	\$ 601,071.00
LVUP 0388-0405, EKEA 0000, 0013	NLV05	North Las Vegas Detention Basin	\$ 179,500.00
LVUP 0908-1077	NLV06	Upper Las Vegas Wash Detention Basin & Moccasin Levee	\$ 152,500.00
LVLN 0000-0270, LVCS 0000-0050	NLV07	Carey/Lake Mead Detention Basin	\$ 106,571.00
GOOF 0000-0224, GOCR 0000-0080, GOLO 0000-0100	NLV08	Gowan Outfall Channel	\$ 74,071.00
LVUP 0446-0493	NLV10	Upper Las Vegas Wash	\$ 23,000.00
LV03 0000-0131, LVSM 0000-0109	NLV11	Clayton Street Channel	\$ 56,071.00
LVMD 1905-2055	NLV12	Lower Las Vegas Detention Basin	\$ 96,571.00
LVMD 2060-2322, ANWE 0000-0122, CNWE 0000-0005, GTEA 0000-0139, AVHR 0020	NLV13	Western Trib - Ranch House Rd to Lower LV DB	\$ 64,571.00
LV06 0000-0147, LV05 0000-0131, LVBR 0000-0014, LVCL 0000-0030	NLV14	Tributary to the Western Trib @ Craig Road	\$ 66,571.00
LVSR 0000-0295, LAAS 0000-0103, LAAT 0000-0204, LANO 0000	NLV15	Las Vegas Wash - Smoke Ranch	\$ 53,071.00
LVUP 0000-0382, LVLO 0000-0025, TREA 0000-0134, CNEA 0000-0176, ANEA 0000-0040, LVSC 0000-0063, CNDS 0000-0062	NLV16	Upper Las Vegas Wash Channel	\$ 99,571.00
LVRW 0000-0293	NLV17	Range Wash - Las Vegas Wash Diversion & Levee	\$ 165,500.00
LVMD 1594-1647	NLV18	Cheyenne Peaking Basin	\$ 88,071.00
		<b>Total:</b>	<b>\$ 2,154,427.00</b>

John Runiks  
Project Manager



# REGIONAL FLOOD CONTROL DISTRICT MAINTENANCE WORK PROGRAM ANNUAL BUDGET

FY 2020-2021

MWP Facility #: NLV01  
 Facility Name: Las Vegas Wash - "N" Channel  
 MP Facility ID: LVNC 0001-0164

Entity: City of North Las Vegas  
 Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ 23,500.00	0%	
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ -		
	21 Provide/Maintain Dust Control	\$ 2,000.00	0%	
	25 Clean Detention/Debris Basin	\$ -		
	35 Fence Repair	\$ 2,000.00	0%	
	40 Vegetation Control - Chemical	\$ 2,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		
	50 Maintain Access Road	\$ 7,500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,075.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 1,500.00	0%	
	80 Miscellaneous Work Activities	\$ 24,000.00	0%	
	90 Homeless Encampment Clean Up	\$ 2,500.00	0%	
	<b>TOTALS</b>	<b>\$ 80,075.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

**Work completed during prior fiscal year:** Cleaned the vegetation in the concrete channel, cleaned the outlet structures and provided maintenance of access roads. Removed many homeless encampments.

**Work to be completed during current fiscal year:** Clean upper access roadway removing vegetation with mechanical equipment, clean outlet structures. Remove other vegetation and graffiti throughout. Fencing needs will be repaired. Homeless encampment clean up upon occurrence.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: John Runiks 633-1267



# REGIONAL FLOOD CONTROL DISTRICT MAINTENANCE WORK PROGRAM ANNUAL BUDGET

FY 2020-2021

MWP Facility #: NLV02  
Facility Name: Las Vegas Wash - Middle  
MP Facility ID: LVMD 1648-1877

Entity: City of North Las Vegas  
Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 2,000.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ 23,500.00	0%	
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ 3,500.00	0%	
	21 Provide/Maintain Dust Control	\$ 2,000.00	0%	
	25 Clean Detention/Debris Basin	\$ -		
	35 Fence Repair	\$ 19,000.00	0%	
	40 Vegetation Control - Chemical	\$ 9,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 15,000.00	0%	
	50 Maintain Access Road	\$ 17,500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 5,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 5,000.00	0%	
	80 Miscellaneous Work Activities	\$ 36,500.00	0%	
	90 Homeless Encampment Clean Up	\$ 25,000.00	0%	
	<b>TOTALS</b>	<b>\$ 177,571.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

**Work completed during prior fiscal year:** Staff has completed major vegetation removal and maintenance of the access roads and cleaned the trash within the channel. Major fence repairs were required. Major homeless encampment cleanup took place.

**Work to be completed during current fiscal year:** Staff will clean all of the channels within and provide maintenance of all access roads. Repair fences, concrete, and erosion as needed, and remove vegetation, debris and graffiti throughout. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor:  
Project  
Manager:

John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
ANNUAL BUDGET  
FY 2020-2021**

MWP Facility #: NLV03  
Facility Name: Las Vegas Wash - King Charles Channel  
MP Facility ID: LVKC 0000-0097

Entity: City of North Las Vegas  
Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 600.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ 4,000.00	0%	
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ 3,500.00	0%	
	21 Provide/Maintain Dust Control	\$ -		
	25 Clean Detention/Debris Basin	\$ -		
	35 Fence Repair	\$ 2,000.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		
	50 Maintain Access Road	\$ 1,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	0%	
	80 Miscellaneous Work Activities	\$ 26,500.00	0%	
	90 Homeless Encampment Clean Up	\$ 13,000.00	0%	
	<b>TOTALS</b>	<b>70,071.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

**Work completed during prior fiscal year:** General maintenance was completed. Removed several homeless encampments.

**Work to be completed during current fiscal year:** Clean vegetation, graffiti and debris from the channel, repair fencing as needed, and clean inlets and outlets. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor: \_\_\_\_\_  
Project  
Manager: John Runiks 633-1267



**Regional Flood Control District  
Maintenance Work Program  
ANNUAL BUDGET  
FY 2020-2021**

MWP Facility #: NLV04  
 Facility Name: Vandenberg Detention Basin  
 MP Facility ID: RWWE 0055-0350, RWWE 0363, RWRR 0000-0092,  
 RWWA 0000-0104, RWLA 0000-0047, RWCC 0000,  
 RWAN 0055, 0100, RWHW 0174-0277, RWAZ 0000

Entity: City of North Las Vegas  
 Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,500.00	0%	
	8 <del>Species</del> Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ 4,000.00	0%	
	15 Repair Lined Channel	\$ 500,000.00	0%	
	20 Erosion Control and Repair	\$ 13,000.00	0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 8,000.00	0%	
	35 Fence Repair	\$ 13,000.00	0%	
	40 Vegetation Control - Chemical	\$ 5,000.00	0%	
	45 <del>Vegetation</del> Control - Mechanical	\$ 1,000.00	0%	
	50 Maintain Access Road	\$ 1,500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 3,500.00	0%	
	80 Miscellaneous Work Activities	\$ 23,000.00	0%	
	90 Homeless Encampment Clean Up	\$ 2,500.00	0%	
	<b>TOTALS</b>	<b>\$ 601,071.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Removed many encampments. Staff received estimate for needed lined channel repairs. It was estimated at \$1.2 million. Staff would like to break the project into three phases completing one per year for the next three years. If approved we will keep line item 15 at \$500,000 for the next three years to complete project.

**Work completed during prior fiscal year:** Staff provided erosion control, dust control, fence repairs and vegetation removal along embankment slopes and access roads. Staff cleaned, inspected and maintained channels, inlet and outlet structures, and removed debris and graffiti as needed. Received estimate at \$1.2 million for channel repairs.

**Work to be completed during current fiscal year:** Staff will continue to provide erosion control, dust control, fence repairs and vegetation removal along embankment slopes and access roads. Staff will clean, inspect and maintain channels, inlet and outlet structures, and remove debris and graffiti as needed. First phase of estimated three phases to remove and replace the concrete on lined channel for Vandenberg Channel between Lone Mountain & Craig Road. Staff will make a three year project to break up the cost of removal and replacement of damaged lined channel. Homeless encampment clean up upon occurrence.

Consultant/  
 Contractor:  
 Project  
 Manager:

John Runiks

633-1267

# Regional Flood Control District Maintenance Work Program ANNUAL BUDGET

FY 2020-2021

MWP Facility #: NLV05  
Facility Name: North Las Vegas Detention Basin  
MP Facility ID: LVUP 0388-0405, EKEA 0000,0013

Entity: City of North Las Vegas  
Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 4,500.00	0%	
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ -		
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ -		
	21 Provide/Maintain Dust Control	\$ 20,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 80,000.00	0%	
	35 Fence Repair	\$ 4,000.00	0%	
	40 Vegetation Control - Chemical	\$ -		
	45 Vegetation Control - Mechanical	\$ 43,000.00	0%	
	50 Maintain Access Road	\$ 2,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 3,500.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ -		
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ -		
	80 Miscellaneous Work Activities	\$ 21,500.00	0%	
	90 Homeless Encampment Clean Up			
	<b>TOTALS</b>	<b>\$ 179,500.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Excessive fence penetrations from offroad vehicles causing extensive repairs. Have many fencing repairs delayed due to new fencing contract.

**Work completed during prior fiscal year:** Staff provided erosion control, dust control as needed, fence repairs as needed, provided vegetation removal, cleaned inlets and outlets and maintained access roads.

**Work to be completed during current fiscal year:** Staff will continue to provide erosion control, maintain dust control, maintain access roads, clean outlets and inlets, remove vegetation and graffiti, and provide fence repairs.

Consultant/  
Contractor: \_\_\_\_\_  
Project  
Manager: John Runiks 633-1267



# Regional Flood Control District Maintenance Work Program ANNUAL BUDGET

FY 2020-2021

MWP Facility #: NLV06  
 Facility Name: Upper Las Vegas Wash Detention Basin and Moccasin Levee  
 MP Facility ID: LVUP 0908-1077

Entity: City of North Las Vegas  
 Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 5,500.00	0%	
	8 Species Survey and Removal	\$ 3,000.00	0%	
	10 Clean and Reshape Channel/Levees	\$ 8,000.00	0%	
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ 40,000.00	0%	
	21 Provide/Maintain Dust Control	\$ 20,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 40,000.00	0%	
	35 Fence Repair	\$ 4,500.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 5,500.00	0%	
	50 Maintain Access Road	\$ 1,500.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ -		
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ -		
	80 Miscellaneous Work Activities	\$ 20,500.00	0%	
	90 Homeless Encampment Clean Up			
	<b>TOTALS</b>	<b>\$ 152,500.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Continued to work with Las Vegas to remove debris being dumped. Due to Tule Springs development we have seen an increased amount of offroad vehicles in this area.

**Work completed during prior fiscal year:** Staff provided erosion control, dust control as needed, fence repairs, vegetation removal, cleaned inlet and outlet structures, maintained access roads and provided scheduled maintenance on the levee. Major erosion repairs.

**Work to be completed during current fiscal year:** Staff will continue erosion repairs on north side of levee, bottom of DB, and along Decatur; silt build-up inside DB and grading of inside basin access road; and vandalism in outlet structure. Staff will provide erosion and dust control, remove vegetation, provide fence repairs, clean outlets and inlets, maintain access roads and inspect/monitor levee.

Consultant/  
Contractor:  
Project  
Manager:

John Runiks

633-1267

# Regional Flood Control District Maintenance Work Program ANNUAL BUDGET

FY 2020-2021

MWP Facility #: NLV07  
 Facility Name: Carey/Lake Mead Detention Basin  
 MP Facility ID: LVLN 0000-0270, LVCS 0000-0050

Entity: City of North Las Vegas  
 Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ -		
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,800.00	0%	
	8 Species Survey and Removal	\$ 1,500.00	0%	
	10 Clean and Reshape Channel/Levees	\$ -		
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ 15,000.00	0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 12,000.00	0%	
	35 Fence Repair	\$ 6,500.00	0%	
	40 Vegetation Control - Chemical	\$ 5,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 10,000.00	0%	
	50 Maintain Access Road	\$ -		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 5,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	0%	
	80 Miscellaneous Work Activities	\$ 19,700.00	0%	
	90 Homeless Encampment Clean Up	\$ 3,500.00	0%	
	<b>TOTALS</b>	<b>\$ 106,571.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Removed many encampments.

**Work completed during prior fiscal year:** Staff provided erosion control, cleaned trash and debris, and removed vegetation from rocky areas. Fencing was repaired, cleaned outlet structures, maintained access road, and provided major dust control. Homeless encampment clean up upon occurrence.

**Work to be completed during current fiscal year:** Staff will continue to provide dust control, vegetation removal, and repair damage fencing as needed. Clean along perimeter fence, and repair erosion along outer slopes. Boxes will be cleaned. Homeless encampment clean up upon occurrence. Repair concrete on water level gauge. Remove stockpile of debris created from cleaning basin.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
ANNUAL BUDGET**

FY 2020-2021

MWP Facility #: NLV08  
Facility Name: Gowan Outfall Channel  
MP Facility ID: GOOF 0000-0224, GOCR 0000-0080,  
GOLO 0000-0100

Entity: City of North Las Vegas  
Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ 3,500.00	0%	
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ -		
	21 Provide/Maintain Dust Control	\$ -		
	25 Clean Detention/Debris Basin	\$ -		
	35 Fence Repair	\$ 7,500.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 3,000.00	0%	
	50 Maintain Access Road	\$ -		
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 8,000.00	0%	
	80 Miscellaneous Work Activities	\$ 24,000.00	0%	
	90 Homeless Encampment Clean Up	\$ 10,000.00	0%	
	<b>TOTALS</b>	<b>\$ 74,071.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Responded to many major encampments. Have many fencing repairs delayed due to new fencing contract.

**Work completed during prior fiscal year:** Repaired fencing, provided vegetation removal using mower, and maintained access roads. Homeless encampment clean up upon occurrence.

**Work to be completed during current fiscal year:** Staff will remove any trash and debris, repair fencing, maintain access roads, remove vegetation and graffiti and clean inlet and outlet structures. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor: \_\_\_\_\_  
Project  
Manager: John Runiks 633-1267

**Regional Flood Control District  
Maintenance Work Program  
ANNUAL BUDGET  
FY 2020-2021**

MWP Facility #: NLV10  
Facility Name: Upper Las Vegas Wash  
MP Facility ID: LVUP 0446-0493

Entity: City of North Las Vegas  
Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ -		
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ -		
	21 Provide/Maintain Dust Control	\$ -		
	25 Clean Detention/Debris Basin	\$ -		
	35 Fence Repair	\$ -		
	40 Vegetation Control - Chemical	\$ -		
	45 Vegetation Control - Mechanical	\$ -		
	50 Maintain Access Road	\$ -		
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ -		
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ -		
	80 Miscellaneous Work Activities	\$ 22,000.00	0%	
	90 Homeless Encampment Clean Up			
	<b>TOTALS</b>	<b>\$ 23,000.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Foot traffic and minor offroad vehicle traffic have been noticed due to increase in surrounding development.

**Work completed during prior fiscal year:** Staff provided erosion control, dust control, and removed vegetation.

**Work to be completed during current fiscal year:** Staff will remove any debris and trash, and remove vegetation and provide erosion and dust control within the channel. Maintain restricted access roads by clearing out any vegetation and adding any regrinds to mitigate any dust activities.

Consultant/  
Contractor:  
Project  
Manager:

John Runiks

633-1267



# Regional Flood Control District Maintenance Work Program ANNUAL BUDGET

FY 2020-2021

MWP Facility #: NLV11  
 Facility Name: Clayton Street Channel  
 MP Facility ID: LV03 0000-0131, LVSM 0000-0109

Entity: City of North Las Vegas  
 Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ 5,000.00	0%	
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ -		
	21 Provide/Maintain Dust Control	\$ -		
	25 Clean Detention/Debris Basin	\$ -		
	35 Fence Repair	\$ 4,500.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		
	50 Maintain Access Road	\$ -		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 1,000.00	0%	
	80 Miscellaneous Work Activities	\$ 22,000.00	0%	
	90 Homeless Encampment Clean Up	\$ 3,500.00	0%	
	<b>TOTALS</b>	<b>\$ 56,071.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

**Work completed during prior fiscal year:** Staff repaired fencing, provided vegetation removal, and cleaned inlet and outlet structures. Removed homeless encampment upon occurrence.

**Work to be completed during current fiscal year:** Staff will provide fencing repairs as needed, provide vegetation removal, and clean inlet and outlet structures. Repair erosion at mid channel west side shoulder and at Tropical Parkway at the back of sidewalk. Homeless encampment clean up upon occurrence.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks 633-1267

**Regional Flood Control District  
Maintenance Work Program  
ANNUAL BUDGET  
FY 2020-2021**

MWP Facility #: NLV12  
Facility Name: Lower Las Vegas Detention Basin  
MP Facility ID: LVMD 1905-2055

Entity: City of North Las Vegas  
Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 3,000.00	0%	
	8 Species Survey and Removal	\$ 1,500.00	0%	
	10 Clean and Reshape Channel/Levees	\$ -		
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ 15,000.00	0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 10,000.00	0%	
	35 Fence Repair	\$ 6,500.00	0%	
	40 Vegetation Control - Chemical	\$ 7,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		
	50 Maintain Access Road	\$ 1,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 2,500.00	0%	
	80 Miscellaneous Work Activities	\$ 20,500.00	0%	
	90 Homeless Encampment Clean Up	\$ 2,500.00	0%	
	<b>TOTALS</b>	<b>\$ 96,571.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

**Work completed during prior fiscal year:** Staff provided erosion control, fencing repairs, removed vegetation, cleaned inlet and outlet structures, maintained access roads, and removed large amount of trash and debris from rain events. Fence repairs were completed and homeless encampment clean up upon occurrence.

**Work to be completed during current fiscal year:** Staff will continue to remove trash and debris, provide fencing repairs as needed, maintain access roads, clear out vegetation, clean inlet and outlet structures, and remediate any rills within the embankment. Remove/clean vegetation, trash, and debris north of pedestrian bridge, and repair erosion on south abutment slope and north of pedestrian bridge. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor: \_\_\_\_\_  
Project  
Manager: John Runiks 633-1267



**Regional Flood Control District  
Maintenance Work Program  
ANNUAL BUDGET  
FY 2020-2021**

MWP Facility #: NLV13  
 Facility Name: West Trib - Ranch House Rd to Lower LV DB  
 MP Facility ID: ANWE 0000-0122, CNWE 0000-0005  
LVMD 2060-2322, GTEA 0000-0139, AVHR 0020

Entity: City of North Las Vegas  
 Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ 6,000.00	0%	
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ 3,000.00	0%	
	21 Provide/Maintain Dust Control	\$ -		
	25 Clean Detention/Debris Basin	\$ -		
	35 Fence Repair	\$ 4,000.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		
	50 Maintain Access Road	\$ 2,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	0%	
	80 Miscellaneous Work Activities	\$ 21,000.00	0%	
	90 Homeless Encampment Clean Up	\$ 6,500.00	0%	
	<b>TOTALS</b>	<b>\$ 64,571.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

**Work completed during prior fiscal year:** Repaired fencing, provided vegetation removal, cleaned inlet and outlet structures, and maintained access roads. Homeless encampment clean up upon occurrence.

**Work to be completed during current fiscal year:** Staff will continue to remove any trash and debris, provide fencing repairs, maintain access roads, clear out vegetation, and clean inlets and outlets. Repair continuous access road erosion and rebuild berm at Clayton. Homeless encampment clean up upon occurrence.

Consultant/  
Contractor:  
Project  
Manager:

John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
ANNUAL BUDGET  
FY 2020-2021**

MWP Facility #: NLV14  
 Facility Name: Tributary to the Western Trib @ Craig Road  
 MP Facility ID: LV06 0000-0147, LV05 0000-0131,  
LVBR 0000-0014, LVCL 0000-0030

Entity: City of North Las Vegas  
 Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ 5,500.00	0%	
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ -		
	21 Provide/Maintain Dust Control	\$ -		
	25 Clean Detention/Debris Basin	\$ -		
	35 Fence Repair	\$ 5,500.00	0%	
	40 Vegetation Control - Chemical	\$ 4,500.00	0%	
	45 Vegetation Control - Mechanical	\$ -		
	50 Maintain Access Road	\$ 2,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 3,000.00	0%	
	80 Miscellaneous Work Activities	\$ 21,000.00	0%	
	90 Homeless Encampment Clean Up	\$ 10,000.00	0%	
	<b>TOTALS</b>	<b>\$ 66,571.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Removed many major encampments. Have many fencing repairs delayed due to new fencing contract.

**Work completed during prior fiscal year:** Repaired fencing, provided vegetation removal, cleaned inlet and outlet structures and maintained access roads. Removed many major encampments.

**Work to be completed during current fiscal year:** Staff will continue to remove vegetation, trash and debris, provide fencing repairs, maintain access roads, and clean inlet and outlet structures. Repair any concrete damage from NLV02 to NLV12, and maintain the joint seals throughout the channels. Homeless encampment clean up upon occurrence.

Consultant/  
 Contractor:  
 Project  
 Manager:

John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
ANNUAL BUDGET  
FY 2020-2021**

MWP Facility #: NLV15  
 Facility Name: Las Vegas Wash - Smoke Ranch  
 MP Facility ID: LVSF 0000-0295, LAAT 0000-0204,  
LANO 0000, LAAS 0000-0103

Entity: City of North Las Vegas  
 Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ 3,500.00	0%	
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ 3,000.00	0%	
	21 Provide/Maintain Dust Control	\$ -		
	25 Clean Detention/Debris Basin	\$ -		
	35 Fence Repair	\$ -		
	40 Vegetation Control - Chemical	\$ 3,500.00	0%	
	45 Vegetation Control - Mechanical	\$ -		
	50 Maintain Access Road	\$ 2,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,500.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 1,000.00	0%	
	80 Miscellaneous Work Activities	\$ 20,000.00	0%	
	90 Homeless Encampment Clean Up	\$ 2,500.00	0%	
	<b>TOTALS</b>	<b>\$ 53,071.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Encountered some homeless encampments.

**Work completed during prior fiscal year:** Repaired fencing, removed vegetation, cleaned storm drains, and outlet and inlet structures, and maintained access roads. Homeless encampment clean up upon occurrence.

**Work to be completed during current fiscal year:** Staff will continue to remove trash and debris, provide fencing repairs as needed, maintain access roads, remove vegetation, clean inlet and outlet structures, and clean/inspect storm drains. Repair erosion along east side of channel and along entire channel bottom. Homeless encampment clean up upon occurrence.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
ANNUAL BUDGET  
FY 2020-2021**

MWP Facility #: NLV16  
 Facility Name: Upper Las Vegas Wash Channel  
 MP Facility ID: LVLO 0000-0025, TREA 0000-0134, LVUP 0000-0382,  
CNEA 0000-0176, ANEA 0000-0040, LV5C 0000-0063, CNDS 0000-0062

Entity: City of North Las Vegas  
 Date Prepared: 03/31/20

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ 1,000.00	0%	
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ -		
	21 Provide/Maintain Dust Control	\$ -		
	25 Clean Detention/Debris Basin	\$ -		
	35 Fence Repair	\$ 3,500.00	0%	
	40 Vegetation Control - Chemical	\$ 3,500.00	0%	
	45 Vegetation Control - Mechanical	\$ -		
	50 Maintain Access Road	\$ -		
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 52,000.00	0%	
	80 Miscellaneous Work Activities	\$ 20,000.00	0%	
	90 Homeless Encampment Clean Up	\$ 4,500.00	0%	
	<b>TOTALS</b>	<b>\$ 99,571.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Removed many encampments. Have many fencing repairs delayed due to new fencing contract.

**Work completed during prior fiscal year:** Staff provided trash and debris removal, repaired fencing as needed, maintained access roads, removed vegetation and graffiti as needed, and cleaned storm drains, channels, and culverts. Homeless encampment cleanup upon occurrence.

**Work to be completed during current fiscal year:** Staff will continue to provide trash and debris removal, repair fencing as needed, maintain access roads, remove vegetation and graffiti as needed, and clean storm drains, channels and culverts.

Consultant/  
 Contractor:  
 Project  
 Manager:

John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
ANNUAL BUDGET  
FY 2020-2021**

MWP Facility #: NLV17 Entity: City of North Las Vegas  
 Facility Name: Range Wash - Las Vegas Wash Diversion & Levee Date Prepared: 03/31/20  
 MP Facility ID: LVRW 0000-0293

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ 500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,500.00	0%	
	8 Species Survey and Removal	\$ 1,500.00	0%	
	10 Clean and Reshape Channel/Levees	\$ 2,000.00	0%	
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ 106,000.00	0%	
	21 Provide/Maintain Dust Control	\$ 25,000.00	0%	
	25 Clean Detention/Debris Basin	\$ -		
	35 Fence Repair	\$ -		
	40 Vegetation Control - Chemical	\$ 3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ -		
	50 Maintain Access Road	\$ 2,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ -		
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ -		
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ -		
	80 Miscellaneous Work Activities	\$ 20,000.00	0%	
	90 Homeless Encampment Clean Up	\$ 3,500.00	0%	
<b>TOTALS</b>		<b>\$ 165,500.00</b>		<b>06/30/21</b>

**Delays or problem areas:** Providing maintenance on the levee was hindered due to the higher than normal level of Air Force training exercises. These delays interfered with production. In light of these challenges our projects were delayed but completed.

**Work completed during prior fiscal year:** Staff provided major erosion control, fencing repairs, vegetation removal and dust control. Minor homeless encampments encountered. Also encountered fencing repairs due to offroad traffic.

**Work to be completed during current fiscal year:** Clear access route into DB, repair erosion on embankment slopes, provide fencing repairs, remove vegetation, and provide dust control as needed. Staff will also continue to maintain access roads, monitor and inspect levee. Remove homeless encampments upon occurrence

Consultant/  
Contractor:  
Project  
Manager:

John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
ANNUAL BUDGET  
FY 2020-2021**

MWP Facility #: NLV18 Entity: City of North Las Vegas  
 Facility Name: Cheyenne Peaking Basin Date Prepared: 03/31/20  
 MP Facility ID: LVMD 1594-1647

Force Account/ Contract	Activity	Requested Work Plan Amount (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 500.00	0%	
	5 Inspect Channels	\$ -		
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 2,000.00	0%	
	8 Species Survey and Removal	\$ -		
	10 Clean and Reshape Channel/Levees	\$ -		
	15 Repair Lined Channel	\$ -		
	20 Erosion Control and Repair	\$ -		
	21 Provide/Maintain Dust Control	\$ -		
	25 Clean Detention/Debris Basin	\$ 20,000.00	0%	
	35 Fence Repair	\$ 5,000.00	0%	
	40 Vegetation Control - Chemical	\$ 3,500.00	0%	
	45 Vegetation Control - Mechanical	\$ 3,500.00	0%	
	50 Maintain Access Road	\$ 3,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 1,500.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		
	65 Clean Storm Sewer Lines	\$ 14,071.00	0%	
	70 Storm Sewer Repair	\$ -		
	75 Clean/Flush Culverts & Bridges	\$ 2,000.00	0%	
	80 Miscellaneous Work Activities	\$ 23,000.00	0%	
	90 Homeless Encampment Clean Up	\$ 10,000.00	0%	
	<b>TOTALS</b>	<b>\$ 88,071.00</b>		<b>06/30/21</b>

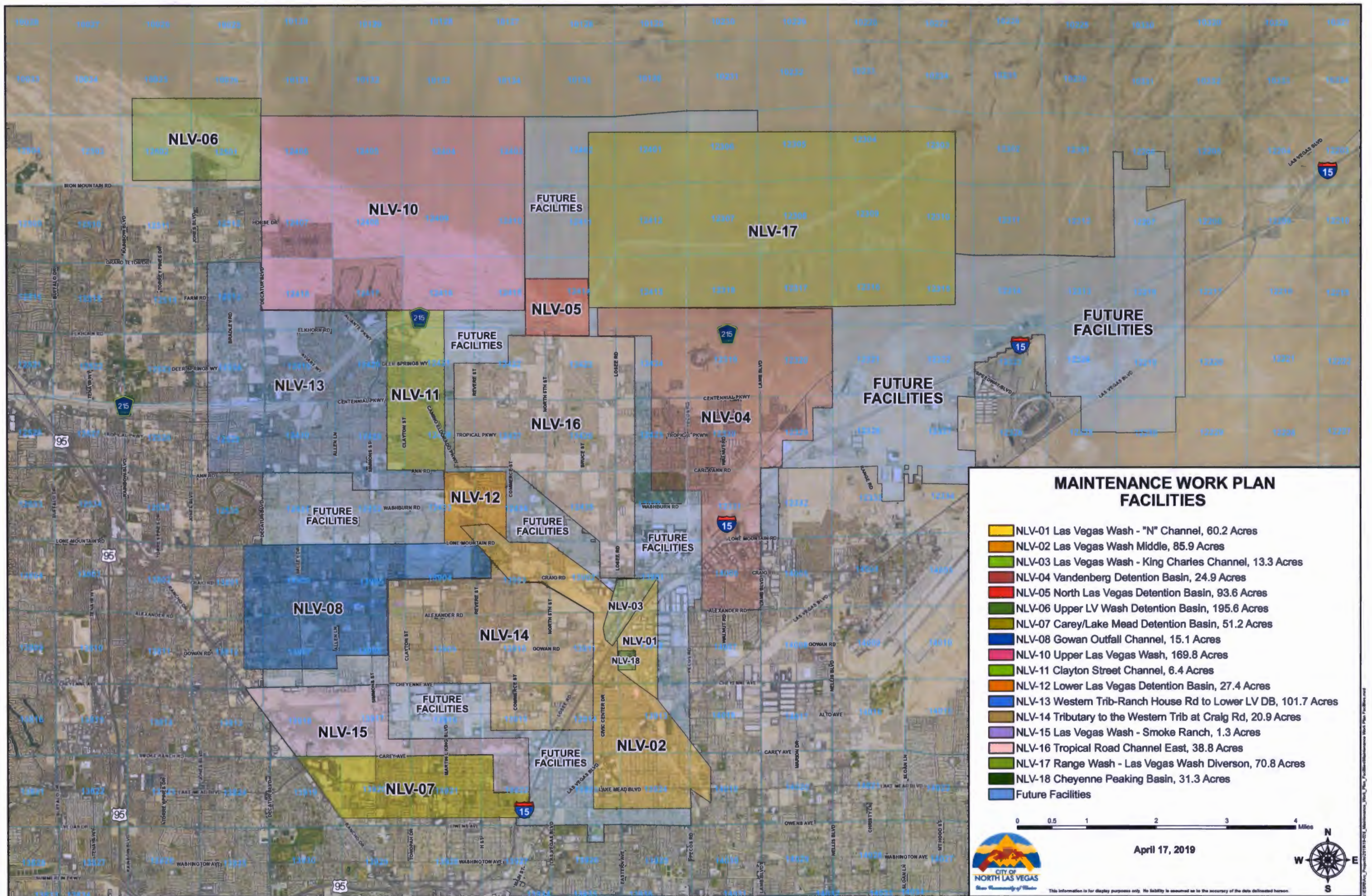
**Delays or problem areas:** Removed many major encampments. Have many fencing repairs delayed due to new fencing contract.

**Work completed during prior fiscal year:** Staff provided erosion control, dust control, fencing repairs, vegetation removal, cleaned inlet and outlet structures and maintained access roads. Removed many homeless encampments.

**Work to be completed during current fiscal year:** Staff will continue to provide dust control as needed, maintain access roads, and clean inlet and outlet structures. Remove/clean trash and debris in dam diverters and in channel, and remove vegetation in basin bottom, basin outlet grate, and on upper road south of Civic Center. Remove graffiti and repair fence at end of Bulloch. Remove homeless encampments upon occurrence. Staff will remove silt deposits from the bottom of basin.

Consultant/  
Contractor: \_\_\_\_\_  
 Project  
Manager: John Runiks 633-1267







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

**SUBJECT:**

ESTIMATED FUNDING SCHEDULE

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

ACCEPT A REPORT ON THE ESTIMATED FUNDING SCHEDULE PROCESS

**FISCAL IMPACT:** None

**BACKGROUND:**

The Estimated Funding Schedule (EFS) is a tool the District uses when there are more requests for construction funding than revenues available to fund the requests. In a recent review of projects that may come forward for funding during the next quarter, it became apparent a list of projects waiting for funding will need to be used. In anticipation of an EFS waiting list, staff would like to present how the current policy will be applied.

An overview of the process to place a project on the EFS follows:

- Entity submits Agenda Items for construction funding and project presentation;
- District will date/time stamp the Agenda Items upon receipt;
- District will review the Agenda Items to determine if:
  - Project is included on the first three years of the Ten Year Construction Program;
  - Have 90% plans of design complete;
  - All right-of-entry for construction purposes must be obtained or the Lead Entity satisfactorily demonstrates to the Board that it is in the process of commencing condemnation proceedings; and identify all temporary construction easements to be secured prior to executing a funding contract;
  - Meet all environmental requirements (e.g., 404 permits, Section 8 analysis, etc.);
  - Identify all local, state and federal permits (UPRR, Dam Safety, NDOT, etc.) that need to be obtained prior to executing the funding contract; and
  - Project presentation item meets policies and procedures, along with identification of what temporary construction easements and what local, state, and federal permits (excluding environmental permits) are required.

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CAC AGENDA ITEM #12 DATE: 05/28/2020	



Once the above requirements are met, the Agenda Items will be placed on the following Technical Advisory Committee (TAC)/Citizens Advisory Committee (CAC) Agenda for consideration by the Board of Directors with a staff recommendation that the project be added to the EFS. If the above items are not met, staff will recommend the Agenda Items be resubmitted and will receive a new date/time stamp after submission.

When funds become available, the Lead Entity will be requested to bring an Agenda Item and accompanying Interlocal Contract forward for funding and will need to demonstrate in the Agenda Item(s) to the Advisory Committees and Board of Directors all prerequisites not met at the time of the project presentation have been met. If there are any changes to the scope and/or costs, the funding request must be considered by the advisory committees prior to being considered by the Board. If the Lead Entity is not ready, the District will go to the next project on the list.

#### Entity Advance Funding

When construction projects meet the prerequisites for funding, but sufficient funds are not available to support the funding request, an entity may elect to advance funding. To be eligible for an entity advanced funding Interlocal Contract, the project must be programmed in the first three (3) years of the Ten Year Construction Program in the amount of the request.

Projects that have been approved for advanced funding will be reimbursed by the District without interest, by a specific date determined by the District. This date will be two years after the programmed funding date as shown on the Ten Year Construction Program. The District will not enter into advanced funding Interlocal Contracts when the agreed reimbursement date exceeds five (5) calendar years from the date the Interlocal Contract is approved or exceeds \$40 million outstanding of entity advanced funding at any given time.

The District, to the extent possible, will keep the month and date set on the EFS for entity advanced funding to allow for timely reimbursements.

#### Resolutions to Reimburse

When construction projects meet the prerequisites for funding and the entity proposes to use District funds to implement and/or oversize master plan facilities within another public works project but sufficient funds are not available to support the funding request and the other funding source is willing and able to provide the District's share pending availability of funds, the Board may consider a resolution of intent to reimburse the other funding source in the future.

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CAC AGENDA ITEM #12 DATE: 05/28/2020	

In this case:

- The entity may enter into an agreement to reimburse the other funding source when District funds become available, but only within the current Ten Year programming period.
- The entity will present a resolution of intent to reimburse to the Board which:
  - Describes the project and the amount of District funding relative to other funding sources if appropriate;
  - Identifies the interim funding source;
  - Establishes a date from which eligible costs are reimbursable;
  - Establishes a date the entity will request District funding; and
  - Establishes the term of the resolution.

The entity will ensure that the project is programmed on the Ten Year Construction Program in the year and amount consistent with the resolution.

The Board shall consider setting a priority for the project at the date and in an amount consistent with the resolution. The entity will request an Interlocal Contract for the funds at the appropriate time in an amount consistent with the resolution or the total of invoices for eligible costs whichever is least. The District will reimburse the other funding source once the Interlocal Contract is executed by the Board.

The District, to the extent possible, will keep the month and date set on the EFS for resolutions to reimburse to allow for timely reimbursements.

#### Estimated Revenues

The EFS will be presented in the Financial Reports agenda item monthly to track available resources and construction projects. This amount is subject to change based on: 1) revenues the District receives from Sales Tax and other revenues; 2) the need to fund right-of-way settlements; and 3) the need to provide additional project funding.

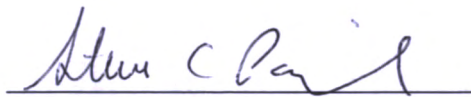
In fiscal year 2019, the District obtained approval for up to \$200 million in bond authority of which only \$115 million was used, leaving \$85 million of remaining bond authority. The District will continue to evaluate whether to issue the debt based on the progress in project development and economic conditions.

TAC AGENDA ITEM #12 DATE: 05/28/2020	RFCD AGENDA ITEM # DATE: 06/11/2020
CAC AGENDA ITEM #12 DATE: 05/28/2020	



In summary, the District anticipates that projects will come forward for funding in the near future and resources will not be available for those projects. At that time, the District will institute an EFS priority list and the Board of Directors will approve project priorities. Since the EFS waiting list may extend to dates several months out, to be eligible to be placed on the EFS it is not reasonable to require: 1) temporary construction easements and 2) all local, state and federal permits (UPRR, Dam Safety, NDOT, etc.) need to be obtained prior to beginning construction. The Board of Directors may reassign priorities and adjust appropriations for projects in order to meet the District's objectives as deemed necessary.

Respectfully submitted,



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

TAC AGENDA ITEM #12 Date: 05/28/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM #12 Date: 05/28/2020	

052820 EFS-item

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

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

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

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

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

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

The District has utilized a third party financial advisor to provide growth estimates of future revenue and inflation. The TYCP incorporates these economic growth estimates. Based on actual sales tax receipts through January 2020 and anticipated economic impacts related to the COVID-19 pandemic, original projected sales tax revenues for fiscal year 2019-20 of \$111,900,000 have been revised downward by 9.5% to \$101,311,500. The TYCP also includes inflation factors developed by District staff to account for increases in construction, design and right-of-way costs over time.

TAC AGENDA ITEM #13 Date: 05/28/2020	TAC AGENDA ITEM #06 Date: 04/30/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM #13 Date: 05/28/2020	CAC AGENDA ITEM #06 Date: 04/30/2020	



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

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

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

Total estimated new resources for the FY 2020-21 TYCP are \$691,148,096, which is a 24.4% decrease from estimated resources for the FY 2019-20 TYCP of \$913,852,309. In addition to using sales tax revenues to fund projects, the District uses debt financing to expedite the construction of projects. In fiscal year 2020-21, \$85.0 million in bonds are programmed and in fiscal years 2023-24, 2026-27 and 2029-30, \$100.0 million are programmed. Total estimated resources including unencumbered resources from previous years for the FY 2020-21 TYCP are approximately \$807.6 million or 10.2% less from the total estimated resources for the FY 2019-20 TYCP of \$899.7 million. Year-1 resources for FY 2020-21 are approximately \$161.3 million.

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

The percentage calculations use the cost of master plan facilities remaining to be built for each entity divided by the total cost for all of the facilities remaining to be built. By doing this, the entities with the largest inventory of facilities remaining to be built will get a larger prorated share of the revenues to program against. The calculated percentages are as follows: Henderson 7.11%; Las Vegas 36.10%; North Las Vegas 24.19%; Clark County 28.20%; Boulder City 1.60% and Mesquite 2.79%.

TAC AGENDA ITEM #13 Date: 05/28/2020	TAC AGENDA ITEM #06 Date: 04/30/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM #13 Date: 05/28/2020	CAC AGENDA ITEM #06 Date: 04/30/2020	

The following exhibits are attached:

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

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

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

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

**Exhibit D – Fiscal Year 2020-21 Project List.** This is a summary of projects eligible for funding in the first year from Exhibit C in accordance with Section II.B.9 of the District's Policies and Procedures.

Respectfully submitted,



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

TAC AGENDA ITEM #13 Date: 05/28/2020	TAC AGENDA ITEM #06 Date: 04/30/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM #13 Date: 05/28/2020	CAC AGENDA ITEM #06 Date: 04/30/2020	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

**ADOPT THE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM (TYCP) AND FISCAL YEAR 2020-2021 PROJECT LIST**

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

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

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

Year-1 resources for FY 2020-21 are approximately \$161.3 million. Total estimated resources for the FY 2020-21 TYCP are approximately \$807.6 million.

**Staff Recommendation:**

Adopt the Prioritization of Projects, Ten-Year Construction Program and Fiscal Year 2020-2021 Project List.

**Discussion by Technical Advisory Committee:**

AGENDA  
#13 Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#13 Date: 05/28/2020

**Recommendation:**

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/20/2020

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

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

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

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

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

**Staff Recommendation:**

Receive information for the development of the TYCP.

**Discussion by Technical Advisory Committee:**

AGENDA  
#06 Date: 04/30/2020

**Recommendation:**

Receive information for the development of the TYCP.

**Discussion by Citizens Advisory Committee:**

AGENDA  
#06 Date: 04/30/2020

**Recommendation:**

Receive information for the development of the TYCP.



# MEMORANDUM

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



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

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

**SUBJECT:** Project Cost Indices Fiscal Year 2019/2020

**DATE:** March 26, 2020

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

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

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

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



## **Background Information**

### **General Information**

The local economy continued to show steady growth over the 2019 calendar year. The Greater Las Vegas Association of Realtors (GLVAR) reported the 2019 housing market was stable and sustainable<sup>1</sup>, statewide unemployment dropped to 3.7%, consistent year to year growth in taxable sales (4.8% increase as of November 2019)<sup>2</sup> and healthy tourism numbers indicate stable economic growth in southern Nevada.

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

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

### **Unemployment**

Statewide in Nevada the seasonally adjusted unemployment rate through December 2019 was 3.7%, which is down from 4.4% from the same time last year and the lowest rate since 1976 according to the Nevada Department of Employment, Training and Rehabilitation. In Clark County, the unemployment rate was 3.5%, down from 4.5% reported last year. Construction jobs in the Las Vegas area increased by 14.2% in 2019. Nationally, the seasonally adjusted unemployment rate was 3.5% through December 2019.<sup>3</sup>

### **Local Economy**

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

<sup>1</sup> GLVAR housing statistics for January 2020

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

<sup>3</sup> U.S. Department of Labor, Bureau of Labor Statistics, December 2019





December 2019, which is a slight increase from 88.2% a year ago. Additionally, the average daily room rates rose 2.9% through December 2019 compared to the same period in 2018<sup>4</sup>. These results indicate continued steady growth of tourism in Southern Nevada.

### Residential Construction

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



Figure 1 - Data obtained from [www.snhba.com](http://www.snhba.com) (1990-2011) and [www.salestraq.com](http://www.salestraq.com) (2012-2019)<sup>5</sup>

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

<sup>4</sup>LVCVA Year End Summary for 2019 and Las Vegas Tourism Construction Bulletin  
<sup>5</sup>[www.salestraq.com](http://www.salestraq.com) and [www.snhba.com](http://www.snhba.com)



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

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

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

### **Commercial Construction**

Southern Nevada's office market had 441,637 square feet of net absorption in 2019, a significant decrease from approximately 1.2 million square feet of absorption in 2018<sup>5</sup>. Office space vacancy rate through the fourth quarter of 2019 dropped to 12.4%, the lowest since 2007. However, office space available for sublease in Southern Nevada increased from 420,198 square feet in the 4<sup>th</sup> quarter of 2018 to 758,636 square feet in the 4<sup>th</sup> quarter of 2019. Increases in available sublease space can be a precursor to bigger problems in the office market. Nearly doubling the available sublease space over the past year is a concern. As of January 2020, there are 16 office developments under construction, ranging from 4,200 to 300,000 square feet, with over 700,000 square feet of office space scheduled for completion in 2020<sup>6</sup>. Although net absorption was weaker in 2019 than 2018, and there is concern over the sublease vacancy, 2019 performed well overall. Vacancy continued to decrease, and asking rates are on the rise.

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

<sup>5</sup>Research & Forecast Report – Las Vegas Q4 2019 – Colliers International

<sup>6</sup>Las Vegas Office Market Q4 2019 – Newmark Grubb Knight Frank

<sup>7</sup>Las Vegas Industrial Market Q4 2019 – Newmark Grubb Knight Frank





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

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

The American Institute of Architects (AIA), reported that 2019 ended with architecture firms continuing to report strong billings. The December 2019 ABI score was 52.5, up slightly from 51.9 in November 2019. Looking regionally, the billing index in the West is at 54.0, the Midwest is at 51.9, the Northeast is at 44.0, and the South is at 52.2, which is generally encouraging with the exception of the Northeast which is reporting a decrease in design services<sup>8</sup>.

### **Construction Cost Indices**

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

RLB also tracks costs locally for 12 different major metropolitan areas including Las Vegas. The index tracks the true bid cost of construction, including labor, material, overhead costs and profit. The index for Las Vegas in October 2019 is 15,209, which is up (4.87%) from the October 2018 value of 14,503. The index has shown a steady upward climb from early 2012 to date<sup>9</sup>.

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

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

<sup>8</sup>The American Institute of Architects, December 2019

<sup>9</sup>Rider Levett Bucknall – Quarterly Construction Cost Report, October 1, 2019

<sup>10</sup>ENR December 20, 2019

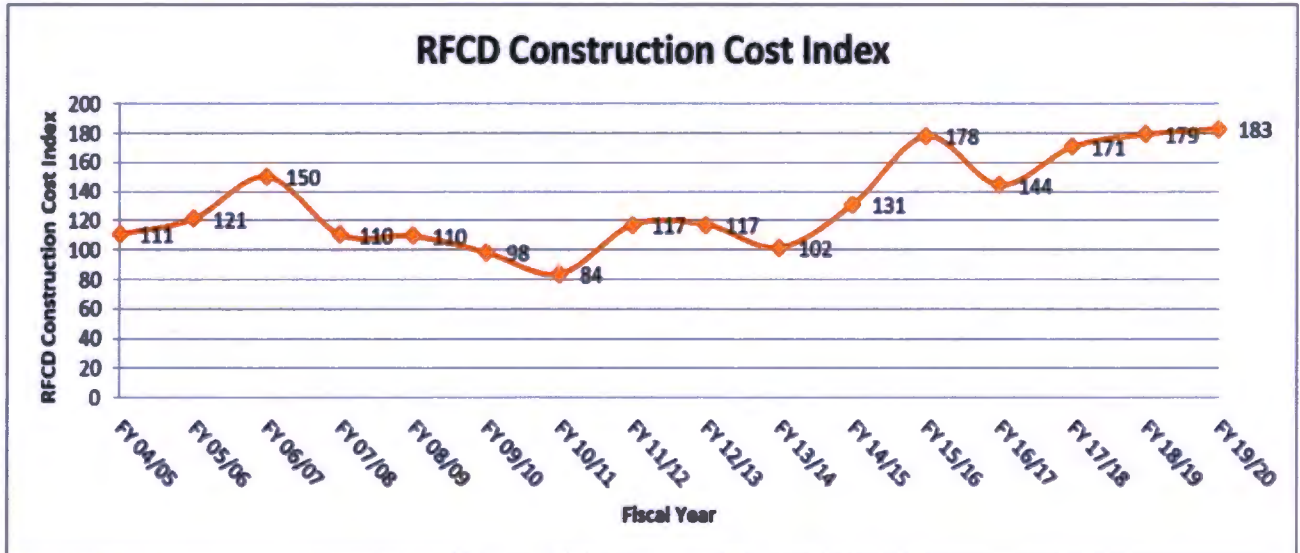


Figure 2 – RFCD Construction Cost Index.

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

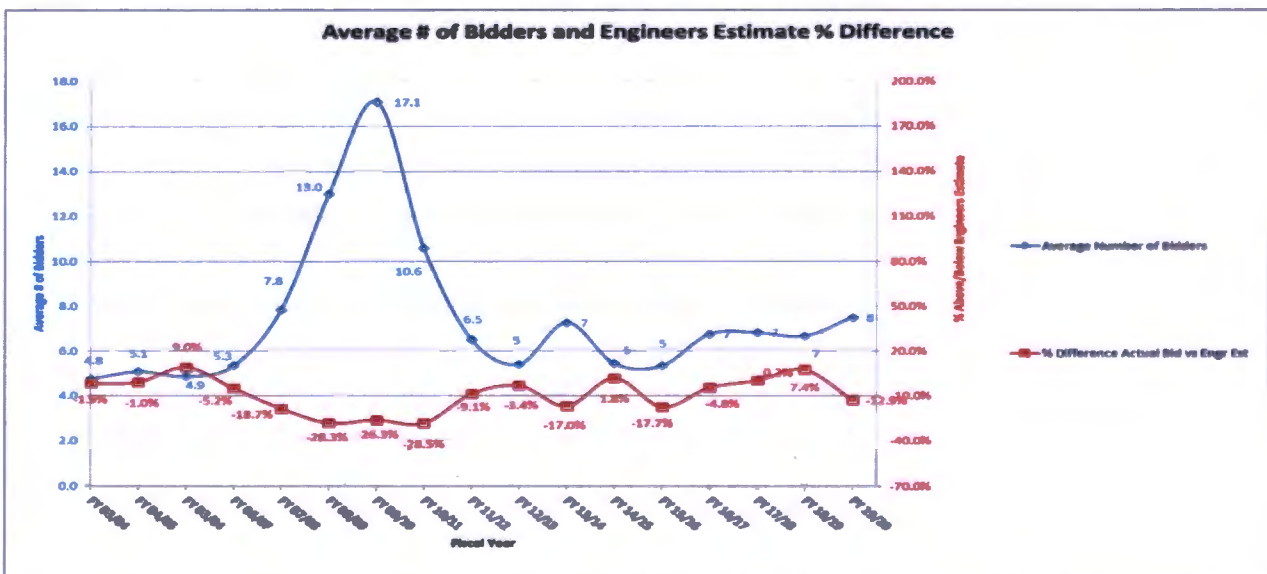


Figure 3 – Average # Bidders vs Estimated Costs - data obtained from RFCD bid results.



### Summary

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

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

# EXHIBIT A

PROGRAMMING PERCENTAGES			2013 MPU
Planning Area	Current MPU Total Costs (a)	Percent of Total Planning Area	Previous Percentages
<b>Henderson :</b>			
C-1	\$20,504,200	0.88%	8.35%
Pittman	\$144,761,050	6.23%	
Sub-total	\$165,265,250	7.11%	
<b>Las Vegas</b>			
Central	\$507,779,660	21.85%	38.70%
Gowan	\$127,415,880	5.48%	
Upper Northern L V Wash	\$203,558,550	8.76%	
Sub-total	\$838,754,090	36.10%	
<b>North Las Vegas</b>			
Lower Northern L V Wash	\$182,748,946	7.87%	19.22%
Range	\$262,708,330	11.31%	
Lower L V Wash	\$40,638,540	1.75%	
Apex	\$76,028,740	3.27%	
Sub-total	\$562,124,556	24.19%	
<b>Clark County</b>			
Duck Cr/Blue Diamond	\$301,091,860	12.96%	29.62%
Tropicana/Flamingo	\$164,588,950	7.08%	
Outlying Areas	\$189,484,280	8.16%	
Sub-total	\$655,165,090	28.20%	
<b>Boulder City :</b>			
Boulder City	\$37,286,080	1.60%	1.95%
Sub-total	\$37,286,080	1.60%	
<b>Mesquite :</b>			
Mesquite	\$64,832,221	2.79%	2.16%
Sub-total	\$64,832,221	2.79%	
<b>GRAND-TOTAL</b>	<b>\$2,323,427,288</b>	<b>100.00%</b>	<b>100.00%</b>

Notes:

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



# EXHIBIT B

## Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
<b>CITY OF HENDERSON</b>											
<b>HYDROGRAPHIC BASIN: PITTMAN</b>											
<b>PROJECT: Galleria to Sunset</b>											
PTSU 0000, 0006, 0023, 0028, 0032	4	4	3	4	3	3	3	3	2	96.0	
20.0	18.0	12.0	14.0	9.0	7.5	6.0	4.5	3.0	1.0		
<b>PROJECT: Whitney Ranch Channel Replacement Project</b>											
WWDC 0001, 0016, 0031, 0034, 0053, 0056, 0070	4	3	4	2	3	4	3	4	3	91.5	
20.0	13.5	16.0	7.0	9.0	10.0	6.0	4.5	4.0	1.5		
<b>PROJECT: Pittman Sunset, Burns to Foster</b>											
PTBH 0000, 0014, 0015, PTSU 0034, 0037, 0067, 0069	4	3	4	2	3	4	3	3	3	90.5	
20.0	13.5	16.0	7.0	9.0	10.0	6.0	4.5	3.0	1.5		
<b>PROJECT: Southwest Pittman Detention Basin</b>											
PTSD 0233, 0234 & PTN2 0167	3	4	3	3	3	2	4	3	2	85.0	
15.0	18.0	12.0	10.5	9.0	5.0	8.0	4.5	2.0	1.0		
<b>PROJECT: Southeast Pittman Detention Basin</b>											
PTBE 0062, 0063, 0064, & PTSO 0000	3	4	3	3	3	2	4	2	3	84.5	
15.0	18.0	12.0	10.5	9.0	5.0	8.0	3.0	3.0	1.0		
<b>PROJECT: Pittman Gilesple</b>											
PTGL 0001, 0011	3	3	3	3	3	2	3	2	3	78.5	
15.0	13.5	12.0	10.5	9.0	5.0	6.0	3.0	3.0	1.5		
<b>PROJECT: Pittman Wash South Phase 1 - Pittman North Detention Basin to Larson Lane</b>											
PTSD 0016, 0017, 0043	3	3	3	3	2	3	3	2	3	77.0	
15.0	13.5	12.0	10.5	6.0	7.5	6.0	3.0	2.0	1.5		

# EXHIBIT B

## Project Prioritization

Priority Factor and Weight												Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M			
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5			
CITY OF LAS VEGAS												
HYDROGRAPHIC BASIN: CENTRAL												
PROJECT: Lake Mead - Carey - Lake Mead Detention Basin Outfall												
LVLN 0221	4	4	3	3	3	2	3	3	2		89.5	
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	4.5	3.0	1.0		
PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland												
FLBN 0281, 0312	4	4	3	3	3	2	3	1	2		87.5	
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	4.5	1.0	1.0		
PROJECT: Las Vegas Wash - Stewart to Bonanza												
LVMD 1121 & 1149	4	4	3	3	3	2	2	1	2		86.0	
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	3.0	1.0	1.0		
PROJECT: Owens Avenue System - Vegas, Shadow Mountain to Jones												
LVOW 0360	4	4	3	3	2	2	3	1	3		90.0	
	20.0	18.0	13.0	10.5	9.0	5.0	5.0	4.5	3.0	2.0		
PROJECT: Las Vegas Wash - Stewart, Las Vegas Wash to Lamb												
LVST 0000	4	3	3	3	2	3	3	2	3		90.5	
	20.0	18.0	13.0	10.5	9.0	6.0	6.0	4.5	2.0	1.5		
PROJECT: Meadows - Charleston, Essex to Lindell												
MECN 0000, 0061	4	3	3	3	2	2	3	2	2		90.5	
	20.0	18.5	12.0	11.0	10.0	7.0	4.0	4.5	2.0	1.5		
PROJECT: Meadows Detention Basin Upgrade												
LCME 0018, 0021	3	3	3	3	3	2	3	2	2		90.5	
	20.0	18.5	12.0	11.0	10.0	7.5	4.0	4.5	2.0	1.0		
PROJECT: Freeway Channel - Washington, Rancho to Valley View												
LV15 0528	4	3	3	2	3	2	3	2	1		80.0	
	20.0	13.5	12.0	7.0	9.0	7.5	4.0	4.5	2.0	0.5		
PROJECT: Owens Avenue East - LV Wash to Eastern												
LV0E 0000, 0085	4	3	3	3	2	1	2	2	2		78.0	
	20.0	13.5	12.0	10.5	9.0	5.0	2.0	3.0	2.0	1.0		
PROJECT: Freeway Channel - Washington, Valley View to Michael Way												
LV15 0602	4	3	3	2	2	2	2	3	3	2	76.0	
	20.0	13.5	12.0	7.0	6.0	5.0	4.0	4.5	3.0	1.0		
PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy.												
BHSA 0000, 0026	3	3	4	3	2	2	2	1	2		75.0	
	15.0	13.5	16.0	10.5	6.0	5.0	4.0	3.0	1.0	1.0		
PROJECT: Sahara Avenue - Eastern Lateral												
SAEA 0000	3	3	3	2	3	2	2	3	1	3	72.5	
	15.0	13.5	12.0	7.0	9.0	5.0	4.0	4.5	1.0	1.5		
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern												
BHSA 0075	3	3	3	3	2	2	3	1	1		75.0	
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	0.5		
PROJECT: Boulder Highway Sahara Avenue - LV Blvd. to Maryland												
BHSA 0175	3	3	3	3	2	2	3	1	1		75.0	
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	0.5		
PROJECT: Las Vegas Wash - Cedar Channel/Bonanza - Las Vegas Wash to Lamb												
LVBZ 0000, CACH 0001, 0020	3	3	3	3	2	2	3	1	1		75.0	
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	0.5		
HYDROGRAPHIC BASIN: GOWAN												
PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street												
GOOF 0275, 0285, 0325, 0375	4	4	3	3	3	2	3	3	2		90.0	
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	3.0	3.0	1.0		
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial												
GOEC 0100, 0126, 0152, 0176	4	3	3	3	3	3	3	3	2		87.0	
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.0		
PROJECT: Gowan - Alexander Rd., Rancho to Decatur												
GOAL 0000, 0056	4	4	3	3	2	3	3	4	1	1	87.5	
	20.0	18.0	12.0	10.5	6.0	7.5	6.0	6.0	1.0	0.5		
PROJECT: Gowan - Craig and US-95												
GOAL 0168, 0247	4	3	3	3	3	3	3	1	2		86.0	
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	1.0	1.0		
PROJECT: Gowan Outfall - Clayton Branch												
GOCL 0000	3	3	2	3	2	3	3	4	3	2	76.5	
	15.0	13.5	8.0	10.5	6.0	7.5	6.0	6.0	3.0	1.0		
PROJECT: Gowan Box Canyon - Lone Mountain Road												
GOBX 0015	3	2	2	3	2	3	3	4	3	2	72.0	
	15.0	9.0	8.0	10.5	6.0	7.5	6.0	6.0	3.0	1.0		
HYDROGRAPHIC BASIN: UPPER NORTHERN LAS VEGAS WASH												
PROJECT: Brent Drainage System - Durango to O'Hare												
BRDB 0107, 0157	4	3	4	3	3	3	3	1	3		89.5	
	20.0	13.5	16.0	10.5	9.0	7.5	6.0	4.5	1.0	1.5		
PROJECT: Centennial Pkwy Channel West - Farm Road - Oso Blanco to Tee Pee												
CNFR 0000	3	3	4	3	3	3	3	1	2		84.0	
	15.0	13.5	16.0	10.5	9.0	7.5	6.0	4.5	1.0	1.0		



# EXHIBIT B

## Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority	Value
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
<b>CITY OF NORTH LAS VEGAS</b>											
<b>HYDROGRAPHIC BASIN: LOWER NORTHERN LAS VEGAS WASH</b>											
<b>PROJECT: Las Vegas Wash Cartier Channel</b>											
LVCC 0000, 0030, 0035	4	4	3	3	2	2	2	2	2	2	81.5
	20.0	18.0	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.0	
<b>PROJECT: Lake Mead Drain to Las Vegas Wash</b>											
LVLE 0000, 0047	4	3	3	3	3	2	2	2	2	2	80.0
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0	
<b>PROJECT: North Las Vegas Detention Basin Upgrade</b>											
LVUP 0406	4	3	3	3	2	2	2	2	2	2	77.0
	20.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.0	
<b>PROJECT: Las Vegas Boulevard Drain</b>											
LVLV 0000	3	3	3	3	2	2	2	2	2	3	72.5
	15.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.5	
<b>HYDROGRAPHIC BASIN: RANGE</b>											
<b>PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin</b>											
RWHW 0300, 0355, 0369, 0410	3	3	4	4	3	2	3	3	3	2	87.0
	15.0	13.5	16.0	14.0	9.0	5.0	6.0	4.5	3.0	1.0	
<b>PROJECT: Orchard Collector - Charleston to Linden</b>											
SLOR 0158	3	3	3	3	4	3	2	3	3	3	83.5
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	3.0	1.5	
<b>PROJECT: Jim McLaughrey Detention Basin &amp; Outfall</b>											
SLWA 0130 thru 0175 & SLOW 0000, 0005	4	3	3	3	4	2	2	2	2	2	83.0
	20.0	13.5	12.0	10.5	12.0	5.0	4.0	3.0	2.0	1.0	
<b>PROJECT: Range Wash - Sloan Channel, Stewart Bridge</b>											
RWSL 0187	3	3	3	3	3	3	2	3	2	2	79.0
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	2.0	1.0	
<b>PROJECT: Beltway Collection System - Pecos</b>											
RWWE 0500 & RWBW 0011, 0013	3	3	3	3	3	3	2	3	2	2	79.0
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	2.0	1.0	
<b>PROJECT: Range Wash - Beltway Conveyance</b>											
RWBW 0035, 0037, 0066, 0083, & RWWE 0518, 0520, 0550	3	3	3	3	3	3	2	2	2	2	77.5
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	2.0	1.0	
<b>PROJECT: Nellis Storm Drain - Sloan Channel to Craig</b>											
SLNL 0000, 0064	3	3	3	2	2	2	2	2	2	2	68.5
	15.0	13.5	12.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	
<b>PROJECT: Las Vegas Boulevard Storm Drain - Nellis to Range</b>											
SLLV 0000	3	3	3	2	2	2	2	2	2	1	68.0
	15.0	13.5	12.0	7.0	6.0	5.0	4.0	3.0	2.0	0.5	
<b>PROJECT: Speedway North Detention Basin and Outfall</b>											
RWHW 0459, 0488, 0499, 0500	2	3	2	2	2	2	2	2	2	1	69.0
	10.0	13.5	8.0	7.0	6.0	5.0	4.0	3.0	2.0	0.5	
<b>HYDROGRAPHIC BASIN: Apex</b>											
<b>PROJECT: North Apex - System 1 Detention Basin and Outfall</b>											
NAP1 0000, 0002, 0009, 0152, 0153, 0154	3	3	3	3	2	2	2	2	2	2	72.0
	15.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.0	

# EXHIBIT B

## Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
<b>CLARK COUNTY</b>											
<b>HYDROGRAPHIC BASIN: Tropicana/ Flamingo</b>											
<b>PROJECT: Airport Channel - Naples Channel and Peeking Basin</b>											
TRMC 0013, 0014, 0031, 0033	4	3	3	3	4	3	3	2	2	1	87.0
	20.0	13.5	12.0	10.5	12.0	7.5	6.0	3.0	2.0	0.5	
<b>PROJECT: Flamingo Wash - Maryland to Palos Verde</b>											
FLWA 0621 & 0673	3	3	3	3	4	3	2	2	2	1	81.5
	15.0	13.5	12.0	10.5	9.0	10.0	6.0	3.0	2.0	0.5	
<b>PROJECT: Wagon Trail Channel - Sunset to Teco</b>											
WGTR 0111	3	3	2	3	3	3	3	2	2	3	77.5
	15.0	13.5	8.0	10.5	9.0	7.5	6.0	4.5	2.0	1.5	
<b>PROJECT: Las Vegas Wash - Branch 02 - Jimmy Durante to Nellis</b>											
LV02 0206, 0273, 0282, 0294	3	3	2	3	3	3	2	2	2	1	78.0
	15.0	13.5	8.0	10.5	9.0	7.5	6.0	3.0	2.0	0.5	
<b>PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.</b>											
FLWA 0893 & 0896	3	3	2	3	3	2	4	3	1	1	78.0
	15.0	13.5	8.0	10.5	9.0	5.0	8.0	4.5	1.0	0.5	
<b>PROJECT: Flamingo - Cimarron Branch</b>											
FLCM 0003	3	3	2	3	3	2	3	2	3	2	74.0
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	3.0	1.0	
<b>PROJECT: Flamingo Wash Maryland - UNLV</b>											
FLMR 0000	3	3	2	3	3	2	3	2	2	1	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	0.5	
<b>PROJECT: Vegas Valley Drive - Flamingo Wash to Burnham</b>											
VAVD 0000 & 0025	3	3	3	2	3	3	2	1	2	1	72.0
	15.0	13.5	12.0	7.0	9.0	7.5	4.0	1.5	2.0	0.5	
<b>PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy.</b>											
LV01 0001, 0038, 0080, 0118	3	3	2	3	3	2	2	2	2	1	70.5
	15.0	13.5	8.0	10.5	9.0	5.0	4.0	3.0	2.0	0.5	
<b>PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Flamingo</b>											
LV02 0001, 0125, 0127	3	3	2	3	2	3	2	2	2	1	70.0
	15.0	13.5	8.0	10.5	6.0	7.5	4.0	3.0	2.0	0.5	
<b>PROJECT: Tropicana Avenue Conveyance - Boulder Hwy. to Morris</b>											
LV01 0135	3	3	2	3	2	3	2	2	1	2	69.5
	15.0	13.5	8.0	10.5	6.0	7.5	4.0	3.0	1.0	1.0	
<b>PROJECT: Tropicana Avenue Conveyance, Morris to Mountain Vista</b>											
LV01 0151, 0176	3	3	2	3	2	2	2	2	3	2	69.0
	15.0	13.5	8.0	10.5	6.0	5.0	4.0	3.0	3.0	1.0	
<b>PROJECT: Blue Diamond - Buffalo Branch</b>											
BDBF 0010, 0076, 0125	3	3	2	3	3	2	1	2	1	1	67.5
	15.0	13.5	8.0	10.5	9.0	5.0	2.0	3.0	1.0	0.5	
<b>HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond</b>											
<b>PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar</b>											
BD02 0334	4	3	3	3	3	4	3	4	3	2	91.0
	20.0	13.5	12.0	10.5	9.0	10.0	6.0	6.0	3.0	1.0	
<b>PROJECT: Blue Diamond Wash - Arville to I-15</b>											
BDWA 0276	3	3	3	3	3	3	3	3	3	4	83.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	
<b>PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.</b>											
DCBD 0075, 0082 & 0084	3	3	3	2	3	3	3	3	3	2	78.6
	15.0	13.5	12.0	7.0	9.0	7.5	6.0	4.5	3.0	1.0	
<b>PROJECT: Blue Diamond Channel, Amigo to Haven</b>											
BDWA 0087, 0111, 0113, 0137, 0139, 0174, 0175	1	4	4	3	4	1	3	3	2	1	77.0
	5.0	18.0	16.0	10.5	12.0	2.5	6.0	4.5	2.0	0.5	
<b>PROJECT: Blue Diamond Wash Railroad</b>											
BDW5 0026	3	3	3	3	3	1	3	3	2	1	76.5
	15.0	13.5	12.0	10.5	9.0	2.5	6.0	4.5	2.0	0.5	
<b>PROJECT: Duck Creek, Sunset Park</b>											
DCSP 0000, 0115	3	3	3	3	2	1	2	3	3	2	72.0
	15.0	13.5	12.0	10.5	6.0	2.5	4.0	4.5	3.0	1.0	



# EXHIBIT C

## CITY OF HENDERSON 10-YEAR CONSTRUCTION PROGRAM DRAFT

DRAFT

				FIRST FIVE YEARS 1/2020 THRU 6/2025					SECOND FIVE YEARS 7/2025 THRU 6/2030							
	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 2021	(Year 2) FY 21/22	(Year 3) FY 22/23	(Year 4) FY 23/24	(Year 5) FY 24/25	(Year 6) FY 25/26	(Year 7) FY 26/27	(Year 8) FY 27/28	(Year 9) FY 28/29	(Year 10) FY 29/30			
<b>TOTAL PLAN</b>				<b>\$807,616,793</b>	<b>\$44,897,242</b>	<b>\$36,486,869</b>	<b>\$38,382,054</b>	<b>\$134,899,728</b>	<b>\$37,863,476</b>	<b>\$41,886,836</b>	<b>\$197,237,090</b>	<b>\$46,816,962</b>	<b>\$44,109,049</b>	<b>\$134,899,828</b>		
Unencumbered from previous year				\$118,468,898												
Cumulative Available Resources				\$758,469,780	\$33,829,204	\$32,058,288	\$28,421,891	\$33,700,360	\$42,808,282	\$43,881,618	\$70,506,237	\$28,437,575	\$80,635,481	\$49,147,013		
<b>ENTITY RESOURCES</b>				<b>\$54,870,699</b>	<b>\$6,800,779</b>	<b>\$2,563,815</b>	<b>\$2,782,706</b>	<b>\$6,602,523</b>	<b>\$2,899,829</b>	<b>\$2,820,285</b>	<b>\$9,781,666</b>	<b>\$2,899,082</b>	<b>\$3,136,834</b>	<b>\$8,073,361</b>		
Unencumbered from previous year				\$5,709,375												
Cumulative Available Resources				\$7,438,919	\$10,030,733	\$19,456,247	\$799,236	\$2,646,278	\$5,568,562	\$7,953,861	\$2,458,187	\$5,595,021	\$1,887,711			
<b>ENTITY TOTAL</b>				<b>\$827,312,090</b>	<b>\$165,265,250</b>	<b>\$53,182,988</b>	<b>\$1,463,860</b>	<b>\$0</b>	<b>\$15,479,707</b>	<b>\$6,147,021</b>	<b>\$852,586</b>	<b>\$0</b>	<b>\$7,374,368</b>	<b>\$8,384,786</b>	<b>\$0</b>	<b>\$13,480,890</b>
<b>HYDROGRAPHIC BASIN: PITTMAN</b>				<b>\$627,639,180</b>	<b>\$144,781,880</b>	<b>\$63,182,988</b>	<b>\$1,463,860</b>	<b>\$0</b>	<b>\$15,479,707</b>	<b>\$6,147,021</b>	<b>\$862,896</b>	<b>\$0</b>	<b>\$7,374,368</b>	<b>\$8,384,786</b>	<b>\$0</b>	<b>\$13,480,890</b>
<b>SYSTEM: Pittman Burns</b>				<b>\$98,833,140</b>	<b>\$18,777,510</b>	<b>\$7,028,077</b>	<b>\$1,463,860</b>	<b>\$0</b>	<b>\$0</b>	<b>\$5,962,217</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Pittman Sunset, Burns to Foster</b>																
Design/Adm'n	PTSH 0000, 0014, 0016	Design Started 18/20	\$880,240					\$412,019								
Right-of-way	PTSH 0034, 0037, 0087, 0089	HEN12K19	\$784,180													
Construction			\$4,801,200					\$5,150,201								
<b>PROJECT: Galleria to Sunset</b>																
Design/Adm'n	PTSH 0000, 0083, 0083, 0089, 0093		\$597,510													
Right-of-way			\$478,000													
Construction		Developer Participation	\$2,987,470													
								\$1,463,860								
<b>SYSTEM: Lower Pittman</b>				<b>\$196,101,500</b>	<b>\$38,839,280</b>	<b>\$15,479,707</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,479,707</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Whitney Ranch Channel Replacement Project</b>																
Design/Adm'n	WADC 0001, 0018, 0031, 0034, 0083, 0089, 0070	Design Started 18/19	\$1,182,130					\$1,012,001								
Right-of-way		HEN07F18	\$629,710													
Construction		Eng. Fee	\$5,810,880					\$14,467,018								
<b>SYSTEM: Upper Pittman</b>				<b>\$39,656,020</b>	<b>\$51,885,240</b>	<b>\$30,677,204</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$584,804</b>	<b>\$452,586</b>	<b>\$0</b>	<b>\$7,374,368</b>	<b>\$8,384,786</b>	<b>\$0</b>	<b>\$13,480,890</b>
<b>PROJECT: Southwest Pittman Detention Basin</b>																
Design/Adm'n	PTSH 0082, 0083, 0084 & PTSD 0080		\$1,325,780					\$403,580								
Right-of-way			\$1,080,800													
Construction			\$6,628,770													
<b>PROJECT: Pittman Gillespie</b>																
Design/Adm'n	PTGL 0091, 0011		\$962,710													
Right-of-way			\$786,180													
Construction			\$4,913,530													
<b>PROJECT: Pittman Wash South Phase 1 - Pittman North Detention Basin to Larson Lane</b>																
Design/Adm'n	PTSD 0016, 0017, 0049		\$1,028,440													
Right-of-way			\$821,140													
Construction			\$5,132,170													
<b>PROJECT: Southwest Pittman Detention Basin</b>																
Design/Adm'n	PTSD 0023, 0034 & PTND 0187		\$627,560					\$584,804								
Right-of-way			\$742,940													
Construction		Developer Design	\$4,837,790													

## EXHIBIT C

**CITY OF LAS VEGAS**  
**10-YEAR CONSTRUCTION PROGRAM**  
**DRAFT**

	Fac ID	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2020 THRU 6/2025					SECOND FIVE YEARS 7/2025 THRU 6/2030				
					(Year 1) FY 2021	(Year 2) FY 21/22	(Year 3) FY 22/23	(Year 4) FY 23/24	(Year 5) FY 24/25	(Year 6) FY 25/26	(Year 7) FY 26/27	(Year 8) FY 27/28	(Year 9) FY 28/29	(Year 10) FY 29/30
<b>TOTAL PLAN</b>				<b>\$807,616,793</b>	<b>\$44,867,342</b>	<b>\$36,468,960</b>	<b>\$39,282,034</b>	<b>\$134,898,739</b>	<b>\$37,943,476</b>	<b>\$41,696,630</b>	<b>\$137,237,090</b>	<b>\$40,616,942</b>	<b>\$44,100,549</b>	<b>\$134,896,028</b>
<b>ENTITY RESOURCES</b>				<b>\$758,469,780</b>	<b>\$33,629,204</b>	<b>\$32,668,268</b>	<b>\$25,421,861</b>	<b>\$33,700,360</b>	<b>\$42,808,282</b>	<b>\$43,891,616</b>	<b>\$70,508,237</b>	<b>\$29,427,575</b>	<b>\$80,626,481</b>	<b>\$49,147,013</b>
<b>ENTITY TOTAL</b>				<b>\$272,290,298</b>	<b>\$38,963,789</b>	<b>\$13,164,126</b>	<b>\$14,172,541</b>	<b>\$49,734,718</b>	<b>\$13,701,153</b>	<b>\$14,821,027</b>	<b>\$49,542,403</b>	<b>\$14,882,868</b>	<b>\$15,020,058</b>	<b>\$48,588,915</b>
<b>HYDROGRAPHIC BASIN: CENTRAL</b>				<b>\$188,577,818</b>	<b>\$2,989,126</b>	<b>\$0</b>	<b>\$0</b>	<b>\$46,288,736</b>	<b>\$2,671,340</b>	<b>\$7,788,771</b>	<b>\$34,487,348</b>	<b>\$17,803,518</b>	<b>\$8,381,778</b>	<b>\$47,809,406</b>
<b>SYSTEM: LV Wash I-15 Tributary</b>				<b>\$21,905,255</b>	<b>\$802,952</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,085,242</b>	<b>\$891,538</b>	<b>\$7,513,031</b>	<b>\$8,512,492</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Freeway Channel - Washington, Valley View to Michael Way</b>														
Design/Admin			\$1,388,330						\$891,538		\$830,555			
Right-of-way			\$1,109,080											
Construction			\$8,931,690								\$7,881,937			
<b>PROJECT: Freeway Channel - Washington, Rancho to Valley View</b>														
Design/Admin			\$1,260,270					\$754,578		\$555,622				
Right-of-way			\$1,008,210											
Construction			\$8,301,330								\$8,955,509			
<b>PROJECT: Lake Mead - Carey - Lake Mead Detention Basin Outfall</b>														
Design/Admin			\$20,790		\$6,116									
Right-of-way			\$16,630											
Construction			\$103,930		\$548,684									
<b>PROJECT: Owens Avenue System - Vegas, Shadow Mountain to Jones</b>														
Design/Admin			\$679,920		\$347,952			\$243,753						
Right-of-way			\$483,940											
Construction			\$2,509,630					\$3,046,911						
<b>SYSTEM: LV Wash Central</b>				<b>\$54,253,650</b>	<b>\$1,966,174</b>	<b>\$0</b>	<b>\$0</b>	<b>\$28,888,232</b>	<b>\$0</b>	<b>\$0</b>	<b>\$23,399,253</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Las Vegas Wash - Howard to Bonanza</b>														
Design/Admin			\$1,204,620						\$509,328					
Right-of-way			\$893,690											
Construction			\$6,023,110					\$6,329,108						
<b>PROJECT: Meadows - Charleston, Essex to Lindell</b>														
Design/Admin			\$1,362,180		\$817,308			\$577,554						
Right-of-way			\$1,089,750											
Construction			\$6,810,920					\$7,159,942						
<b>PROJECT: Las Vegas Wash - Stewart, Las Vegas Wash to Lamb</b>														
Design/Admin			\$1,699,110		\$1,018,888			\$713,750						
Right-of-way			\$1,358,460											
Construction			\$8,490,570					\$8,921,625						
<b>PROJECT: Meadows Detention Basin Upgrade</b>														
Design/Admin			\$117,440		\$130,500			\$250,500						
Right-of-way			\$83,950											
Construction			\$587,190					\$2,036,000						
<b>PROJECT: Owens Avenue East - LV Wash to Eastern</b>														
Design/Admin			\$2,810,770					\$2,407,622						
Right-of-way			\$2,048,610											
Construction			\$19,053,810											
<b>SYSTEM: Sahara Boulder Highway</b>				<b>\$82,718,103</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,312,261</b>	<b>\$1,779,802</b>	<b>\$285,740</b>	<b>\$2,548,601</b>	<b>\$17,803,518</b>	<b>\$5,361,778</b>	<b>\$47,809,405</b>
<b>PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy.</b>														
Design/Admin			\$2,787,570						\$1,779,802					
Right-of-way			\$2,214,080											
Construction			\$13,837,830											
<b>PROJECT: Sahara Avenue - Eastern Lateral</b>														
Design/Admin			\$431,380											
Right-of-way			\$345,100											
Construction			\$2,156,890											
<b>PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern</b>														
Design/Admin			\$2,275,216											
Right-of-way			\$1,823,575											
Construction			\$11,381,080											
<b>PROJECT: Boulder Highway Sahara Avenue - LV Blvd. to Maryland</b>														
Design/Admin			\$3,409,190											
Right-of-way			\$2,727,350											
Construction			\$17,046,980											
<b>PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland</b>														
Design/Admin			\$1,288,890					\$541,847						
Right-of-way			\$1,030,020											
Construction			\$9,443,270					\$6,770,614						
<b>PROJECT: Las Vegas Wash - Cedar Channel/Bonanza - Las Vegas Wash to Lamb</b>														
Design/Admin			\$1,492,940											
Right-of-way			\$1,162,380											
Construction			\$7,264,690											



# EXHIBIT C

## CITY OF LAS VEGAS 10-YEAR CONSTRUCTION PROGRAM DRAFT

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2020 THRU 6/2025					SECOND FIVE YEARS 7/2025 THRU 6/2030				
					(Year 1) FY 2021	(Year 2) FY 21/22	(Year 3) FY 22/23	(Year 4) FY 23/24	(Year 5) FY 24/25	(Year 6) FY 25/26	(Year 7) FY 26/27	(Year 8) FY 27/28	(Year 9) FY 28/29	(Year 10) FY 29/30
<b>TOTAL PLAN</b>				<b>\$807,616,793</b>										
Unencumbered from previous year	\$116,466,888			<b>\$758,469,780</b>	\$33,629,204	\$32,658,268	\$26,421,651	\$33,700,360	\$42,606,282	\$41,066,830	\$197,397,080	\$40,616,982	\$44,100,049	\$134,880,038
<b>ENTITY RESOURCES</b>				<b>\$272,290,298</b>	\$38,963,789	\$13,164,128	\$14,173,541	\$48,734,718	\$13,701,183	\$14,821,027	\$48,542,403	\$14,882,886	\$15,820,058	\$48,588,616
Unencumbered from previous year	\$22,796,776				\$1,862,186	\$2,570,331	\$7,490,176	\$9,801,436	\$19,808,307	\$17,289,169	\$16,724,133	\$19,883,282	\$27,421,884	\$20,839,480
<b>ENTITY TOTAL</b>				<b>\$1,372,662,650</b>	<b>\$836,754,092</b>	<b>\$251,450,818</b>	<b>\$36,990,603</b>	<b>\$12,587,081</b>	<b>\$9,293,593</b>	<b>\$46,283,463</b>	<b>\$3,993,081</b>	<b>\$17,171,335</b>	<b>\$47,077,469</b>	<b>\$17,503,518</b>
<b>HYDROGRAPHIC BASIN: GOWAN</b>		<b>\$447,892,180</b>	<b>\$127,418,880</b>	<b>\$77,630,888</b>	<b>\$33,487,282</b>	<b>\$12,587,081</b>	<b>\$971,802</b>	<b>\$0</b>	<b>\$1,321,741</b>	<b>\$0,372,864</b>	<b>\$12,620,123</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,280,488</b>
<b>SYSTEM: Gowan North</b>		<b>\$273,306,150</b>	<b>\$126,944,520</b>	<b>\$77,620,088</b>	<b>\$33,487,282</b>	<b>\$12,587,081</b>	<b>\$971,802</b>	<b>\$0</b>	<b>\$1,321,741</b>	<b>\$0,372,864</b>	<b>\$12,620,123</b>	<b>\$0</b>	<b>\$0</b>	<b>\$7,280,488</b>
<b>PROJECT: Gowan Box Canyon - Lone Mountain Road</b>														
Design/Adm'n		Design started in 15/16	\$1,081,940											\$537,728
Right-of-way	GOBC 0016	LAS2415	\$865,550	\$7,388,498										
Construction			\$5,408,720											\$6,721,757
<b>PROJECT: Gowan Outfall - Alexander Rd, Decatur Blvd, to Simmons Street</b>														
Design/Adm'n		Design started 16/17	\$0,019,330											
Right-of-way	GOOP 0078, 0098	LA104617	\$4,027,480	\$33,487,282										
Construction	0035, 0079	Eng'n Est.	\$25,048,670											
<b>PROJECT: Gowan Outfall - Clayton Branch</b>														
Design/Adm'n			\$2,055,260						\$1,321,741					
Right-of-way	GOCL 0080		\$1,844,230	\$13,841,894										
Construction			\$10,278,480											
<b>PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial</b>														
Design/Adm'n		Design started in 12/18	\$1,323,640											
Right-of-way	GOBC 0198, 0138, 0182, 0178	LAS24617	\$1,058,910	\$7,510,112										
Construction			\$6,618,180											
<b>PROJECT: Gowan - Alexander Rd, Rancho to Decatur</b>														
Design/Adm'n		Design Started in 13/14	\$1,832,700											
Right-of-way	GOCL 0080, 0088	LAS30413	\$1,486,180	\$6,387,888										
Construction		Eng'n Est.	\$8,163,480											
<b>PROJECT: Gowan - Craig and US-93</b>														
Design/Adm'n			\$1,572,180											
Right-of-way	GOAL 0168, 0047		\$1,257,750	\$10,344,388										
Construction			\$7,880,860											
<b>HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH</b>		<b>\$398,836,720</b>	<b>\$203,668,662</b>	<b>\$14,963,712</b>	<b>\$634,195</b>	<b>\$0</b>	<b>\$8,321,791</b>	<b>\$5,987,727</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SYSTEM: Upper Western Tributary</b>		<b>\$264,027,000</b>	<b>\$37,904,552</b>	<b>\$14,953,712</b>	<b>\$634,195</b>	<b>\$0</b>	<b>\$8,321,791</b>	<b>\$5,987,727</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Brent Drainage System - Dursingo to O'Hare</b>														
Design/Adm'n		Design Started 18/20	\$1,489,800											
Right-of-way	BRDB 0107, 0187	LAS22118	\$1,196,720	\$8,321,791										
Construction			\$7,476,480											
<b>PROJECT: Centennial Pkwy Channel West - Farm Rd - Oso Blanco to Tee Pee</b>														
Design/Adm'n			\$1,056,821											
Right-of-way	CHPR 0080		\$646,583	\$8,691,822										
Construction			\$5,284,854											

# EXHIBIT C

## CITY OF NORTH LAS VEGAS 10-YEAR CONSTRUCTION PROGRAM DRAFT

DRAFT					FIRST FIVE YEARS 7/2020 THRU 6/2025					SECOND FIVE YEARS 7/2025 THRU 6/2030							
	Fac. ID	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 20/21	(Year 2) FY 21/22	(Year 3) FY 22/23	(Year 4) FY 23/24	(Year 5) FY 24/25	(Year 6) FY 25/26	(Year 7) FY 26/27	(Year 8) FY 27/28	(Year 9) FY 28/29	(Year 10) FY 29/30			
	Mile Range																
TOTAL PLAN																	
Unencumbered from previous year					\$119,468,096												
Cumulative Available Resources																	
ENTITY RESOURCES																	
Unencumbered from previous year					\$6,937,439												
Cumulative Available Resources																	
ENTITY TOTAL					\$619,252,740	\$562,124,556	\$163,094,628	\$12,912,697	\$6,347,428	\$14,759,208	\$25,964,903	\$3,745,059	\$16,766,242	\$27,599,826	\$15,799,225	\$0	\$39,200,040
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH					\$439,934,870	\$182,748,946	\$30,384,339	\$1,489,382	\$6,347,428	\$7,819,743	\$8,939,834	\$0	\$7,766,952	\$0	\$0	\$0	\$0
SYSTEM: LV Wash Craig					\$192,904,230	\$37,622,500	\$6,755,395	\$646,002	\$0	\$0	\$6,109,393	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: North Las Vegas Detention Basin Upgrade																	
Design/Admin						\$1,028,670				\$457,548							
Right-of-way						\$881,340											
Construction						\$6,383,350	\$8,788,268										
LVLV 0409																	
SYSTEM: Cheyenne Lamb Hells					\$79,573,170	\$132,642,546	\$23,898,944	\$643,390	\$8,347,428	\$7,819,743	\$821,430	\$0	\$7,766,952	\$0	\$0	\$0	\$0
PROJECT: Lake Mead Drain to Las Vegas Wash																	
Design/Admin						\$1,405,650		\$643,390		\$579,240							
Right-of-way						\$1,324,520	\$8,683,133										
Construction						\$7,028,250				\$7,240,503							
LVLV 0000, 0047																	
PROJECT: Las Vegas Boulevard Drain																	
Design/Admin						\$1,202,880				\$821,430			\$875,330				
Right-of-way						\$1,042,290	\$8,888,382										
Construction						\$6,514,320								\$7,181,623			
LVLV 0000																	
PROJECT: Las Vegas Wash Gartier Channel																	
Design/Admin						\$1,163,815				\$470,181							
Right-of-way						\$831,086	\$8,347,638										
Construction						\$6,819,058				\$6,877,247							
LMCQ 0000, 0000, 0008																	



# EXHIBIT C

## CITY OF NORTH LAS VEGAS 10-YEAR CONSTRUCTION PROGRAM DRAFT

	Fac ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2020 THRU 6/2025					SECOND FIVE YEARS 7/2025 THRU 6/2030				
					(Year 1) FY 2021	(Year 2) FY 21/22	(Year 3) FY 22/23	(Year 4) FY 23/24	(Year 5) FY 24/25	(Year 6) FY 25/26	(Year 7) FY 26/27	(Year 8) FY 27/28	(Year 9) FY 28/29	(Year 10) FY 29/30
<b>TOTAL PLAN</b>				<b>\$807,616,793</b>	<b>\$44,867,343</b>	<b>\$39,466,960</b>	<b>\$39,362,024</b>	<b>\$134,998,729</b>	<b>\$97,963,478</b>	<b>\$41,966,630</b>	<b>\$197,237,090</b>	<b>\$40,816,962</b>	<b>\$44,109,049</b>	<b>\$134,890,026</b>
Unencumbered from previous year	\$118,468,668													
<b>ENTITY RESOURCES</b>				<b>\$758,469,780</b>	<b>\$33,629,304</b>	<b>\$32,858,268</b>	<b>\$25,421,651</b>	<b>\$33,700,380</b>	<b>\$42,806,282</b>	<b>\$43,961,618</b>	<b>\$70,806,237</b>	<b>\$28,437,575</b>	<b>\$80,626,461</b>	<b>\$48,147,613</b>
Unencumbered from previous year	\$6,937,439													
<b>ENTITY TOTAL</b>				<b>\$819,252,740</b>	<b>\$12,912,697</b>	<b>\$6,347,428</b>	<b>\$14,759,208</b>	<b>\$25,964,903</b>	<b>\$3,745,059</b>	<b>\$16,766,242</b>	<b>\$27,599,826</b>	<b>\$18,799,225</b>	<b>\$0</b>	<b>\$39,200,040</b>
<b>HYDROGRAPHIC BASIN: RANGE</b>				<b>\$103,303,807</b>	<b>\$11,423,306</b>	<b>\$0</b>	<b>\$6,939,465</b>	<b>\$19,834,679</b>	<b>\$1,291,580</b>	<b>\$8,629,880</b>	<b>\$3,965,953</b>	<b>\$18,799,225</b>	<b>\$0</b>	<b>\$39,200,040</b>
<b>SYSTEM: Lower Range</b>				<b>\$92,621,110</b>	<b>\$1,800,000</b>	<b>\$0</b>	<b>\$6,939,465</b>	<b>\$18,687,629</b>	<b>\$0</b>	<b>\$2,120,590</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Orchard Collector - Charleston to Linden</b>														
Design/Adm														
Right-of-way	BLOR 0188													
Construction														
<b>PROJECT: Jim McLaughrey Detention Basin &amp; Outfall</b>														
Design/Adm	BLWA 0139 thru 0178 & SLOW 0600, 0608													
Right-of-way														
Construction														
<b>PROJECT: Range Wash - Moon Channel, Stewart Bridge</b>														
Design/Adm														
Right-of-way	RWBL 0187													
Construction														
<b>SYSTEM: West Range</b>				<b>\$65,613,560</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$346,450</b>	<b>\$1,291,580</b>	<b>\$3,969,271</b>	<b>\$3,965,953</b>	<b>\$12,702,072</b>	<b>\$0</b>	<b>\$39,200,040</b>
<b>PROJECT: Nellis Storm Drain - Moon Channel to Craig</b>														
Design/Adm														
Right-of-way	BLNL 0000, 0004													
Construction														
<b>PROJECT: Las Vegas Boulevard Storm Drain - Nellis to Range</b>														
Design/Adm														
Right-of-way	BLLV 0000													
Construction														
<b>PROJECT: Range Wash - Beltway Conveyance</b>														
Design/Adm	RWBLW 0035, 0037, 0038, 0083, & RWVNE 0018, 0020, 0050													
Right-of-way														
Construction														
<b>PROJECT: Beltway Collection System - Peccos</b>														
Design/Adm														
Right-of-way	RWVME 0000 & RWBW 0011, 0013													
Construction														
<b>SYSTEM: East Range</b>				<b>\$17,974,540</b>	<b>\$0,623,305</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,097,153</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Hollywood System, Centennial Pkwy to Speedway#2 Detention Basin</b>														
Design/Adm														
Right-of-way	RW00-W0 0005, 0006, 0008, 0410													
Construction														
<b>PROJECT: Speedway North Detention Basin and Outfall</b>														
Design/Adm														
Right-of-way	RW00-W0 0406, 0408, 0409, 0500													
Construction														
<b>HYDROGRAPHIC BASIN: Apex</b>				<b>\$28,436,782</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,463,480</b>	<b>\$3,388,436</b>	<b>\$23,613,673</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: North Apex - System 1 Detention Basin and Outfall</b>														
Design/Adm														
Right-of-way	NAP1 0000, 0002, 0006, 0182, 0183, 0184													
Construction														

# EXHIBIT C

## CLARK COUNTY 10-YEAR CONSTRUCTION PROGRAM DRAFT

DRAFT					FIRST FIVE YEARS 1/2020 THRU 6/2025					SECOND FIVE YEARS 7/2025 THRU 6/2030							
Fac. ID		Existing Value/	Project Cost	Total	(Year 1)	(Year 2)	(Year 3)	(Year 4)	(Year 5)	(Year 6)	(Year 7)	(Year 8)	(Year 9)	(Year 10)			
Mile Range		Comments	Per MPU	Plan	FY 20/21	FY 21/22	FY 22/23	FY 23/24	FY 24/25	FY 25/26	FY 26/27	FY 27/28	FY 28/29	FY 29/30			
TOTAL PLAN																	
Unencumbered from previous year		\$116,466,698	Cumulative Available Resources		\$807,616,793	\$44,887,342	\$36,488,860	\$39,382,634	\$134,666,728	\$37,363,476	\$41,066,630	\$197,237,690	\$40,816,962	\$44,100,049	\$134,880,028		
			Annual Resources		\$758,469,780	\$33,629,204	\$32,688,268	\$25,421,651	\$33,700,380	\$42,808,262	\$43,001,616	\$70,506,237	\$28,437,575	\$60,636,491	\$49,147,913		
ENTITY RESOURCES			Annual Resources		\$265,839,619	\$63,598,936	\$10,282,723	\$11,071,164	\$38,067,518	\$10,702,204	\$11,576,956	\$30,866,414	\$11,463,259	\$12,436,428	\$37,561,889		
Unencumbered from previous year		\$70,846,172	Cumulative Available Resources			\$15,426,610	\$7,886,278	\$12,006,006	\$10,336,368	\$5,797,198	\$12,665,468	\$24,067,836	\$3,298,609	\$10,256,366	\$11,224,728		
ENTITY TOTAL					\$1,546,663,704	\$704,485,104	\$254,614,890	\$66,173,325	\$18,041,055	\$6,733,463	\$39,735,137	\$15,243,395	\$3,716,656	\$28,265,976	\$32,242,586	\$5,477,639	\$36,983,657
HYDROGRAPHIC BASIN: Tropicana/ Flamingo					\$946,729,880	\$164,688,980	\$118,988,061	\$34,686,998	\$1,572,480	\$6,733,463	\$3,190,848	\$1,908,828	\$3,647,400	\$14,964,918	\$32,242,686	\$3,793,420	\$16,767,680
SYSTEM: Tropicana Flamingo Project					\$484,460,310	\$23,344,000	\$15,463,722	\$0	\$0	\$0	\$334,376	\$0	\$3,161,673	\$0	\$1,136,473	\$0	\$10,851,199
PROJECT: Blue Diamond - Buffalo Branch																	
Design/Adm'n			\$1,617,240									\$1,136,473				\$603,790	
Design/Adm'n		BCBP 0910, 0076, 0125	\$1,293,800	\$11,667,673													
Construction			\$6,068,230													\$10,047,406	
PROJECT: Flamingo - Cimarron Branch																	
Design/Adm'n			\$530,360						\$334,376		\$236,197						
Right-of-way		PLCM 0003	\$424,280	\$3,465,048													
Construction			\$2,651,760								\$2,627,476						
SYSTEM: Lower Flamingo					\$332,567,410	\$99,150,190	\$52,690,506	\$34,183,424	\$1,372,480	\$0	\$2,865,172	\$0	\$0	\$14,269,421	\$0	\$0	\$0
PROJECT: Wagon Trail Channel - Sunset to Teco																	
1st Supplement		Design/Adm'n						\$101,867									
Right-of-way		WOTR 0111	Design Started 18/19	\$251,850													
Construction			CLA1018	\$201,320	\$1,372,480												
				\$1,256,240													
PROJECT: Flamingo Wash, Maryland to Palms Verde																	
Design/Adm'n			Design Started 18/19	\$534,210		\$488,290											
Right-of-way		PLWR 0021 & 0073	CLA0418	\$427,360													
Construction			Eng. Est.	\$2,671,030		\$6,647,125											
PROJECT: Flamingo Wash, Maryland - UNLV																	
Design/Adm'n				\$970,640					\$611,871		\$641,464						
Right-of-way		PLMR 0000		\$778,810	\$6,871,688												
Construction				\$4,853,190									\$5,518,533				
PROJECT: Airport Channel - Kansas Channel and Parking Basin																	
Design/Adm'n			Design Started 13/14	\$1,114,250		\$1,750,000											
Right-of-way		TBMC 0913, 0014, 0091, 0000	CLA10H13	\$887,360													
Construction			Eng. Est.	\$5,571,230		\$25,000,000											
PROJECT: Vegas Valley Drive - Flamingo Wash to Burnham																	
Design/Adm'n				\$1,363,250					\$663,200								
Right-of-way		VRMD 0000 & 0029		\$1,062,600									\$615,509				
Construction				\$6,786,260	\$6,162,688									\$7,893,600			
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.																	
Design/Adm'n			Design Started 09/10	\$17,760					\$100,000								
Right-of-way		PLWR 0083 & 0086	CLA10F10	\$62,216	\$1,400,000												
Construction			Eng. Est.	\$368,760					\$1,300,000								
SYSTEM: Lower LV Wash Tributaries					\$21,817,390	\$37,216,650	\$50,761,773	\$402,672	\$0	\$6,733,463	\$0	\$1,908,625	\$385,727	\$595,494	\$31,106,113	\$3,793,420	\$5,856,360
PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista																	
Design/Adm'n				\$972,430								\$566,484				\$433,809	
Right-of-way		L3M1 0101, 0176		\$668,260													
Construction				\$4,364,119												\$6,422,562	
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hery																	
Design/Adm'n				\$3,678,080					\$870,000				\$725,790				
Right-of-way		LV01 0001, 0036, 0060, 0118		\$3,180,880													
Construction			Eng. Est from CLA36A11	\$19,680,340									\$18,200,000				
PROJECT: Tropicana Avenue Conveyance - Boulder Hery to Morris																	
Design/Adm'n				\$582,330							\$389,727					\$280,099	
Right-of-way		L3M1 0136		\$468,660													
Construction				\$2,911,630												\$3,512,424	
PROJECT: Las Vegas Wash - Branch #2 - Jimmy Duran to Boulder Hery																	
Design/Adm'n				\$671,120				\$402,672									
Right-of-way		LV02 0020, 0075, 0002, 0094		\$636,880					\$276,565								
Construction				\$3,355,570					\$6,466,808								
PROJECT: Las Vegas Wash - Branch #2 - Monsoon Chnl - Las Vegas Wash to Flamingo																	
Design/Adm'n				\$1,670,860										\$902,246			
Right-of-way		LV02 0001, 0138, 0127		\$1,549,210						\$1,236,525							
Construction				\$6,629,460										\$11,276,077			



# EXHIBIT C

## CLARK COUNTY 10-YEAR CONSTRUCTION PROGRAM DRAFT

	Fac. ID	Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2020 THRU 6/2025					SECOND FIVE YEARS 7/2025 THRU 6/2030				
						(Year 1) FY 2021	(Year 2) FY 21/22	(Year 3) FY 22/23	(Year 4) FY 23/24	(Year 5) FY 24/25	(Year 6) FY 25/26	(Year 7) FY 26/27	(Year 8) FY 27/28	(Year 9) FY 28/29	(Year 10) FY 29/30
<b>TOTAL PLAN</b>					<b>\$807,616,793</b>	\$44,867,342	\$38,468,880	\$38,282,034	\$134,969,728	\$27,963,476	\$41,088,838	\$197,237,080	\$40,818,962	\$44,100,049	\$134,880,038
Unencumbered from previous year	\$118,468,888														
<b>ENTITY RESOURCES</b>					<b>\$758,469,780</b>	\$33,829,204	\$32,868,268	\$25,421,851	\$33,700,380	\$42,808,282	\$43,981,818	\$70,508,237	\$29,437,575	\$80,835,481	\$49,147,013
Unencumbered from previous year	\$70,848,172														
<b>ENTITY TOTAL</b>					<b>\$1,546,663,704</b>	<b>\$78,696,546</b>	<b>\$71,337,148</b>	<b>\$63,703,885</b>	<b>\$168,670,108</b>	<b>\$70,771,758</b>	<b>\$85,069,656</b>	<b>\$167,745,317</b>	<b>\$68,875,150</b>	<b>\$121,670,930</b>	<b>\$183,027,051</b>
<b>HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond</b>					<b>\$612,388,119</b>	<b>\$301,891,880</b>	<b>\$58,384,987</b>	<b>\$12,278,882</b>	<b>\$12,834,478</b>	<b>\$0</b>	<b>\$33,361,878</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>SYSTEM: Blue Diamond Tributaries</b>					<b>\$76,756,840</b>	<b>\$61,719,030</b>	<b>\$25,583,708</b>	<b>\$7,551,892</b>	<b>\$10,406,978</b>	<b>\$0</b>	<b>\$7,624,840</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Blue Diamond Wash - Arroyo to L-15</b>															
Design/Adm'n	BDWA 0278		Design Started 18/19	\$1,080,120		\$420,048									
Right-of-way			CLA/EO19	\$840,080	\$8,678,688										
Construction				\$6,250,590		\$6,250,590									
<b>PROJECT: Duck Cr./ Blue Diamond, Bermuda to Las Vegas Blvd</b>															
Design/Adm'n			Design Started 18/19	\$891,380		\$400,518									
Right-of-way	DCBD 0076, 0082 & 0084		CLA/EO19	\$783,100	\$10,408,879										
Construction				\$4,958,890		\$10,008,408									
<b>PROJECT: Blue Diamond Channel, Arroyo to Heaven</b>															
Design/Adm'n				\$1,343,740		\$806,244									
Right-of-way	BDWA 0087, 0111, 0113, 0137, 0138, 0174, 0179			\$1,075,010	\$8,808,094	\$1,075,010									
Construction				\$8,718,750		\$7,060,037									
<b>SYSTEM: Upper Duck Creek</b>					<b>\$123,500,470</b>	<b>\$75,203,030</b>	<b>\$9,699,953</b>	<b>\$4,726,960</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,972,993</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Blue Diamond Channel B2, Decatur - Le Baron to Richner</b>															
Design/Adm'n			RTC Project			\$800,000									
Right-of-way	BD02 0034		No Design		\$3,880,880										
Construction						\$3,880,000									
<b>PROJECT: Blue Diamond Wash Railroad</b>															
Design/Adm'n				\$878,400		\$525,840									
Right-of-way	BDWA 0028			\$701,120	\$8,189,880	\$701,120									
Construction				\$4,382,000		\$4,004,613									
<b>SYSTEM: Lower Duck Creek</b>					<b>\$176,428,900</b>	<b>\$39,736,410</b>	<b>\$22,981,246</b>	<b>\$0</b>	<b>\$2,217,490</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Duck Creek, Sunset Park</b>															
Design/Adm'n				\$3,859,240			\$2,217,490			\$1,538,068					
Right-of-way	DCBP 0000, 0115			\$2,827,380	\$22,881,346										
Construction				\$18,296,170						\$19,225,680					

EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
DRAFT

DRAFT					FIRST FIVE YEARS 2020 THRU 2025					SECOND FIVE YEARS 2025 THRU 2030							
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 2021	(Year 2) FY 21/22	(Year 3) FY 22/23	(Year 4) FY 23/24	(Year 5) FY 24/25	(Year 6) FY 25/26	(Year 7) FY 26/27	(Year 8) FY 27/28	(Year 9) FY 28/29	(Year 10) FY 29/30			
TOTAL PLAN																	
Unnumbered from previous year					\$118,488,898												
Cumulative Available Resources					\$807,616,793	\$44,887,263	\$36,488,898	\$39,262,034	\$134,968,739	\$27,863,476	\$41,686,628	\$197,237,889	\$48,816,962	\$44,100,049	\$194,886,028		
ENTITY RESOURCES																	
Unnumbered from previous year					\$70,848,172												
Cumulative Available Resources					\$265,839,619	\$18,428,510	\$7,888,278	\$12,008,008	\$10,338,389	\$8,787,188	\$13,885,488	\$24,087,838	\$3,298,808	\$10,296,268	\$11,224,729		
ENTITY TOTAL					\$1,546,663,704	\$704,485,104	\$254,614,890	\$68,173,325	\$18,041,055	\$6,733,463	\$39,735,137	\$15,243,395	\$3,718,656	\$28,265,976	\$5,477,639	\$36,983,657	
HYDROGRAPHIC BASIN: Outlying Areas					\$84,646,744	\$238,884,284	\$77,383,981	\$31,388,377	\$4,844,880	\$3,174,810	\$13,334,870	\$171,288	\$13,481,861	\$0	\$1,884,219	\$30,278,888	
SYSTEM: Goodsprings					\$144,121	\$5,720,856	\$2,867,500	\$2,867,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Goodsprings - Phase I																	
Design/Adm'n					GSFA 0000, 0018, 0019, 0027 & 0029	Design Started 09/10	\$482,501		\$185,000								
Right-of-way							\$370,000		\$370,000								
Construction							\$2,312,488		\$2,312,488								
SYSTEM: Muddy River & Tributaries					\$25,323,000	\$118,662,000	\$48,304,208	\$12,452,852	\$2,446,708	\$0	\$0	\$13,334,870	\$0	\$1,359,878	\$0	\$18,709,790	
PROJECT: Fairgrounds - Detention Basin (Whipple Street)																	
Design/Adm'n					FORM 0000, 0076, 0108, 0128, 0184, 0188, 0188	Design Started 10/11	\$1,187,000		\$808,852								
Right-of-way							\$0										
Construction							\$8,344,000		\$11,843,000								
Eng. Est.																	
PROJECT: Muddy River - Cooper to Yamashita																	
Design/Adm'n					MRVLY 0088 Rev 0808	Design Started 8/09	\$1,287,000		\$877,656								
Right-of-way							\$1,143,713		\$1,488,793								
Construction							\$8,261,000										
PROJECT: Ryan Avenue to Lewis																	
Design/Adm'n					MRVLY 0184, 0188, 0248, 0288, 0378	Design Started 8/09	\$1,585,000					\$1,359,878			\$800,724		
Right-of-way							\$0										
Construction							\$11,198,000								\$17,718,073		
SYSTEM: Mount Charleston					\$24,198	\$1,587,384	\$1,725,585	\$0	\$0	\$0	\$0	\$0	\$158,265	\$0	\$0	\$1,566,300	
PROJECT: Rainbow Canyon Boulevard Bridge																	
Design/Adm'n					BTCCH 0891		\$233,438					\$159,285			\$116,022		
Right-of-way							\$188,751										
Construction							\$1,187,194								\$1,480,277		
SYSTEM: Laughlin					\$45,336,505	\$103,177,772	\$15,262,440	\$206,614	\$0	\$0	\$3,174,810	\$0	\$0	\$11,881,817	\$0	\$0	
PROJECT: Bridge Canyon Detention Basin																	
Design/Adm'n					LUPB 0416, 0418, 0417		\$1,835,054		\$1,220,017			\$680,136					
Right-of-way							\$1,548,043										
Construction							\$8,875,262					\$11,001,682					
PROJECT: Neko Detention Basin Expansion																	
Design/Adm'n							\$344,358		\$144,740								
Right-of-way							\$275,485										
Construction							\$1,721,779		\$1,808,252								
SYSTEM: Searchlight					\$3,808,566	\$6,897,678	\$7,638,886	\$5,781,411	\$0	\$0	\$0	\$0	\$171,256	\$0	\$0	\$1,684,219	\$0
PROJECT: Searchlight - West - State Hwy 184																	
Design/Adm'n					SRWSE 0881, 0902, 0905 & 0903	Design Started 10/20	\$700,263		\$280,105								
Right-of-way							\$580,211										
Construction							\$3,501,308										
PROJECT: Searchlight - West																	
Design/Adm'n					SRWSE 0848, 0888, 0891		\$258,548					\$171,256			\$124,794		
Right-of-way							\$208,828										
Construction							\$1,282,718								\$1,559,481		
SYSTEM: Bunkerville					\$10,212,354	\$2,958,606	\$1,597,382	\$0	\$1,597,382	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Jessa White Wash Diversion Dike																	
Design/Adm'n					JWVW 0188	Design Started 10/11	\$70,187		\$30,074								
Right-of-way							\$0										
Construction							\$1,482,711		\$1,587,308								



EXHIBIT C

CITY OF BOULDER CITY  
10-YEAR CONSTRUCTION PROGRAM  
DRAFT

	Fac. ID Mile Range	Estimating Values Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2020 THRU 6/2025					SECOND FIVE YEARS 7/2025 THRU 6/2030				
					(Year 1) FY 2021	(Year 2) FY 21/22	(Year 3) FY 22/23	(Year 4) FY 23/24	(Year 5) FY 24/25	(Year 6) FY 25/26	(Year 7) FY 26/27	(Year 8) FY 27/28	(Year 9) FY 28/29	(Year 10) FY 29/30
<b>TOTAL PLAN</b>				<b>\$807,616,793</b>	\$44,867,242	\$36,489,880	\$39,262,054	\$134,969,729	\$77,063,476	\$41,068,690	\$197,237,090	\$40,616,962	\$44,106,048	\$134,699,026
Unencumbered from previous year	\$116,468,088													
<b>ENTITY RESOURCES</b>				<b>\$758,469,780</b>	\$33,629,204	\$32,666,269	\$25,421,661	\$33,700,360	\$42,808,262	\$43,961,616	\$70,508,237	\$28,437,975	\$60,636,461	\$46,147,013
Unencumbered from previous year	(\$820,327)				(\$100,303)	\$686,200	\$630,072	\$2,189,466	\$809,073	\$868,866	\$2,202,364	\$851,614	\$707,712	\$2,159,684
<b>ENTITY TOTAL</b>				<b>\$9,105,756</b>	<b>\$0</b>	<b>\$461,233</b>	<b>\$232,679</b>	<b>\$30,496</b>	<b>\$4,405,206</b>	<b>\$2,244,063</b>	<b>\$297,007</b>	<b>\$392,324</b>	<b>\$1,042,748</b>	<b>\$0</b>
<b>HYDROGRAPHIC BASIN: Boulder City</b>				<b>\$9,105,756</b>	<b>\$0</b>	<b>\$461,233</b>	<b>\$232,679</b>	<b>\$30,496</b>	<b>\$4,405,206</b>	<b>\$2,244,063</b>	<b>\$297,007</b>	<b>\$392,324</b>	<b>\$1,042,748</b>	<b>\$0</b>
<b>SYSTEM: Georgia/Buchanan</b>				<b>\$8,498,414</b>	<b>\$0</b>	<b>\$461,233</b>	<b>\$232,679</b>	<b>\$0</b>	<b>\$4,405,206</b>	<b>\$2,244,063</b>	<b>\$0</b>	<b>\$112,485</b>	<b>\$1,042,748</b>	<b>\$0</b>
<b>PROJECT: Avenue I Storm Drain</b>														
Design/Admin			\$781,110						\$325,300					
Right-of-way	GBQR 0188, 0204, 0216, 0218, 0802		\$0	\$4,888,438										
Construction			\$3,806,580						\$4,078,697					
<b>PROJECT: Georgia Buchanan Confluence Facilities</b>														
Design/Admin	GBQR 0003, GBBC 0000		\$379,630				\$232,679			\$166,229				
Right-of-way			\$0	\$2,476,741										
Construction			\$1,862,140							\$2,077,635				
<b>PROJECT: Georgia Avenue Facilities - Vasquez Drive Bridge</b>														
Design/Admin	GBQR 0088		\$180,079									\$112,485	\$77,240	
Right-of-way			\$0	\$1,165,233										
Construction			\$800,390										\$885,508	
<b>SYSTEM: North Railroad</b>				<b>\$227,503</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$30,496</b>	<b>\$0</b>	<b>\$0</b>	<b>\$297,007</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: Weiss Drive Levee Lining</b>														
Design/Admin	NRW 0088		\$45,370					\$30,496			\$22,000			
Right-of-way			\$0	\$887,803							\$275,008			
Construction			\$241,660											
<b>SYSTEM: West Airport</b>				<b>\$279,639</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$279,639</b>	<b>\$0</b>	<b>\$0</b>
<b>PROJECT: West Airport Facilities</b>														
Design/Admin	WAPF 0038, 0070, 0077		\$366,220									\$279,639		
Right-of-way			\$0	\$279,639										
Construction			\$1,891,110											

# EXHIBIT C

## CITY OF MESQUITE 10-YEAR CONSTRUCTION PROGRAM DRAFT

DRAFT				FIRST FIVE YEARS 7/2020 THRU 6/2025						SECOND FIVE YEARS 7/2025 THRU 6/2030							
	Fac. ID	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 2021	(Year 2) FY 21/22	(Year 3) FY 22/23	(Year 4) FY 23/24	(Year 5) FY 24/25	(Year 6) FY 25/26	(Year 7) FY 26/27	(Year 8) FY 27/28	(Year 9) FY 28/29	(Year 10) FY 29/30			
	Mile Range																
TOTAL PLAN					Annual Resource	\$807,616,793	\$44,887,342	\$38,468,886	\$39,382,094	\$134,888,728	\$27,883,478	\$41,088,630	\$197,237,080	\$40,818,962	\$44,100,048	\$134,888,036	
Unencumbered from previous year					\$118,468,886	Cumulative Available Resources	\$758,469,780	\$33,629,204	\$32,658,268	\$25,421,881	\$32,700,360	\$42,808,282	\$43,981,818	\$70,506,237	\$28,437,575	\$80,836,481	\$48,147,013
ENTITY RESOURCES					Annual Resource	\$30,192,852	\$12,159,224	\$1,017,532	\$1,086,586	\$3,786,582	\$1,089,042	\$1,145,804	\$3,829,423	\$1,132,384	\$1,230,555	\$3,755,580	
Unencumbered from previous year					\$10,807,262	Cumulative Available Resources	\$3,992,974	\$5,010,506	\$6,106,092	\$1,313,054	\$1,763,870	\$2,909,474	\$6,661,073	\$8,893,457	\$881,777	\$2,172,152	
ENTITY TOTAL					\$73,204,520	\$64,832,221	\$27,020,701	\$8,166,251	\$0	\$0	\$8,560,000	\$608,227	\$0	\$77,824	\$8,363,214	\$0	\$1,245,186
HYDROGRAPHIC BASIN: Mesquite					\$73,204,520	\$64,832,221	\$27,020,701	\$8,166,251	\$0	\$0	\$8,560,000	\$608,227	\$0	\$77,824	\$8,363,214	\$0	\$1,245,186
SYSTEM: Town Wash					\$31,271,987	\$20,342,164	\$17,137,692	\$8,166,251	\$0	\$0	\$0	\$608,227	\$0	\$0	\$8,363,214	\$0	\$0
PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash																	
Design/Admin					TYWAS 0000	Design started 12/18	\$823,347				\$534,241						
Right-of-Way					Inv 0044	MES01E17	\$454,532	\$8,166,251									
Construction					TOWN 0130	Eng Cost Est	\$4,688,029				\$7,832,010						
PROJECT: Town Wash - Mesa Boulevard, El Dorado to Chaparral																	
Design/Admin					TYWAS 0002, 0084, 0084		\$881,453				\$608,227			\$443,084			
Right-of-Way							\$713,185	\$8,671,441									
Construction							\$8,374,180							\$7,820,130			
SYSTEM: Virgin River					\$0	\$20,376,860	\$8,853,009	\$0	\$0	\$0	\$8,560,000	\$0	\$0	\$77,824	\$0	\$0	\$1,245,186
PROJECT: Virgin River Flood Wall																	
Design/Admin					VREC 0000	Design started 15/18	\$78,530				\$600,000						
Right-of-Way						MES04A15	\$82,822	\$8,880,000									
Construction							\$486,287				\$8,000,000						
PROJECT: Virgin River Erosion Protection, Phase I																	
Design/Admin							\$107,520										\$58,803
Right-of-Way					VREC 0203, 0323, 0508, 0519		\$829,240	\$1,323,000						\$77,824			
Construction							\$801,800										\$1,188,482



**EXHIBIT D  
FISCAL YEAR 2020 - 2021  
PROJECT LIST**

	Facility ID Mile Range	(Year 1) FY 2021	(Year 2) FY 21/22	(Year 3) FY 22/23
<b>CITY OF HENDERSON</b>	<b>TOTAL ELIGIBLE YEAR 1</b>	<b>\$16,943,567</b>		
	<b>ENTITY TOTAL</b>	<b>\$1,463,860</b>	<b>\$0</b>	<b>\$15,479,707</b>
<b>HYDROGRAPHIC BASIN: PITTMAN</b>		<b>\$1,463,860</b>	<b>\$0</b>	<b>\$15,479,707</b>
SYSTEM: Pittman Burns		\$1,463,860	\$0	\$0
PROJECT: Galleria to Sunset				
Construction	PTSU 0000, 0008, 0023, 0028, 0032	\$1,463,860		
SYSTEM: Lower Pittman		\$0	\$0	\$15,479,707
PROJECT: Whitney Ranch Channel Replacement Project				
Design/Admin	WWDC 0001, 0016, 0031,			\$1,012,691
Construction	0034, 0053, 0056, 0070			\$14,467,016
<b>CITY OF LAS VEGAS</b>	<b>TOTAL ELIGIBLE YEAR 1</b>	<b>\$57,899,474</b>		
	<b>ENTITY TOTAL</b>	<b>\$36,990,603</b>	<b>\$12,587,081</b>	<b>\$8,321,791</b>
<b>HYDROGRAPHIC BASIN: CENTRAL</b>		<b>\$2,869,126</b>	<b>\$0</b>	<b>\$0</b>
SYSTEM: LV Wash I-15 Tributary		\$902,952	\$0	\$0
PROJECT: Lake Mead - Carey - Lake Mead Detention Basin Outfall				
Design/Admin	LVLMI 0221	\$8,316		
Construction		\$546,684		
PROJECT: Owens Avenue System - Vegas, Shadow Mountain to Jones				
Design/Admin	LVOW 0360	\$347,952		
SYSTEM: LV Wash Central		\$1,966,174	\$0	\$0
PROJECT: Meadows - Charleston, Essex to Lindell				
Design/Admin	MECN 0000, 0061	\$817,308		
PROJECT: Las Vegas Wash - Stewart, Las Vegas Wash to Lamb				
Design/Admin	LVST 0000	\$1,018,868		
PROJECT: Meadows Detention Basin Upgrade				
Design/Admin	LCME 0018, 0021	\$130,000		
<b>HYDROGRAPHIC BASIN: GOWAN</b>		<b>\$33,487,282</b>	<b>\$12,587,081</b>	<b>\$0</b>
SYSTEM: Gowan North		\$33,487,282	\$12,587,081	\$0
PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street				
Design/Admin	GOOF 0275, 0285	\$2,003,732		
Construction	0025, 0075	\$31,483,550		
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial				
Design/Admin	GOEC 0100, 0126,		\$534,751	
Construction	0152, 0176		\$6,684,362	
PROJECT: Gowan - Alexander Rd., Rancho to Decatur				
Design/Admin	GOAL 0000, 0008		\$740,411	
Construction		\$4,627,557		
<b>HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH</b>		<b>\$634,195</b>	<b>\$0</b>	<b>\$8,321,791</b>
SYSTEM: Upper Western Tributary		\$634,195	\$0	\$8,321,791
PROJECT: Brent Drainage System - Durango to OHare				
Design/Admin	BRDB 0107, 0157			\$818,430
Construction				\$7,706,360
PROJECT: Centennial Pkwy Channel West - Farm Rd - Oso Blanco to Tee Pee				
Design/Admin	CNFR 0000	\$634,195		
Construction				
<b>CITY OF NORTH LAS VEGAS</b>	<b>TOTAL ELIGIBLE YEAR 1</b>	<b>\$34,019,333</b>		
	<b>ENTITY TOTAL</b>	<b>\$12,912,697</b>	<b>\$6,347,428</b>	<b>\$14,759,208</b>
<b>HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH</b>		<b>\$1,489,392</b>	<b>\$6,347,428</b>	<b>\$7,819,743</b>
SYSTEM: LV Wash Craig		\$646,002	\$0	\$0
PROJECT: North Las Vegas Detention Basin Upgrade				
Design/Admin	LVUP 0406	\$646,002		
SYSTEM: Cheyenne Lamb Nellis		\$843,390	\$6,347,428	\$7,819,743
PROJECT: Lake Mead Drain to Las Vegas Wash				
Design/Admin	LVLE 0000, 0047	\$843,390		\$579,240
Construction				\$7,240,503
PROJECT: Las Vegas Wash Carter Channel				
Design/Admin	LVCC 0000, 0080, 0085		\$470,181	
Construction			\$5,877,247	
<b>HYDROGRAPHIC BASIN: RANGE</b>		<b>\$11,423,305</b>	<b>\$0</b>	<b>\$6,939,465</b>
SYSTEM: Lower Range		\$1,800,000	\$0	\$6,939,465
PROJECT: Orchard Collector - Charleston to Linden				
Design/Admin	BLOR 0108			\$453,984
Construction				\$6,485,481
PROJECT: Jim McLaughrey Detention Basin & Outfall				
Right-of-way	SLWA 0130 thru 0175 & SLOW 0000, 0005	\$1,800,000		
SYSTEM: East Range		\$9,623,305	\$0	\$0
PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin				
Design/Admin	RVAHW 0300, 0355,	\$629,562		
Construction	0368, 0410	\$8,993,743		

**EXHIBIT D  
FISCAL YEAR 2020 - 2021  
PROJECT LIST**

	Facility ID Mile Range	(Year 1) FY 20/21	(Year 2) FY 21/22	(Year 3) FY 22/23
<b>CLARK COUNTY</b>	<b>TOTAL ELIGIBLE YEAR 1</b>	<b>\$88,283,635</b>		
	<b>ENTITY TOTAL</b>	<b>\$68,173,325</b>	<b>\$13,376,847</b>	<b>\$6,733,463</b>
<b>HYDROGRAPHIC BASIN: Tropicana/ Flamingo</b>		<b>\$34,586,096</b>	<b>\$1,372,489</b>	<b>\$6,733,463</b>
<b>SYSTEM: Lower Flamingo</b>		<b>\$34,163,424</b>	<b>\$1,372,489</b>	<b>\$0</b>
	<b>PROJECT: Wagon Trail Channel - Sunset to Teco</b>			
	1st Supplement Design/Admin		\$101,867	
	Construction		\$1,270,622	
	<b>PROJECT: Flamingo Wash, Maryland to Palos Verde</b>			
	Design/Admin	FLWA 0621 & 0573	\$486,299	
	Construction		\$6,947,125	
	<b>PROJECT: Airport Channel - Naples Channel and Peaking Basin</b>			
	Design/Admin		\$1,750,000	
	Construction	TRMC 0013, 0014, 0031, 0033	\$25,000,000	
<b>SYSTEM: Lower LV Wash Tributaries</b>		<b>\$402,672</b>	<b>\$0</b>	<b>\$6,733,463</b>
	<b>PROJECT: Las Vegas Wash - Branch 02 - Jimmy Durante to Boulder Hwy</b>			
	Design/Admin	LV02 0208, 0273, 0262, 0294	\$402,672	\$278,550
	Construction			\$6,456,909
<b>HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond</b>		<b>\$12,278,852</b>	<b>\$10,406,976</b>	<b>\$0</b>
<b>SYSTEM: Blue Diamond Tributaries</b>		<b>\$7,551,892</b>	<b>\$10,406,976</b>	<b>\$0</b>
	<b>PROJECT: Blue Diamond Wash - Arville to I-15</b>			
	Design/Admin	BDWA 0276	\$420,048	
	Construction		\$5,250,590	
	<b>PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.</b>			
	Design/Admin	DCBD 0075, 0082 & 0084	\$400,518	
	Construction		\$10,006,459	
	<b>PROJECT: Blue Diamond Channel, Amigo to Haven</b>			
	Design/Admin	BDWA 0087, 0111, 0113, 0137, 0138, 0174, 0175	\$806,244	
	Right-of-way		\$1,075,010	
<b>SYSTEM: Upper Duck Creek</b>		<b>\$4,726,960</b>	<b>\$0</b>	<b>\$0</b>
	<b>PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar</b>			
	Design/Admin	BD02 0334	\$500,000	
	Construction		\$3,000,000	
	<b>PROJECT: Blue Diamond Wash Railroad</b>			
	Design/Admin	BDW5 0028	\$525,840	
	Right-of-way		\$701,120	
<b>HYDROGRAPHIC BASIN: Outlying Areas</b>		<b>\$21,308,377</b>	<b>\$1,597,382</b>	<b>\$0</b>
<b>SYSTEM: Goodsprings</b>		<b>\$2,867,500</b>	<b>\$0</b>	<b>\$0</b>
	<b>PROJECT: Goodsprings - Phase I</b>			
	Design/Admin	GSPA 0000, 0018, 0018, 0027 & 0028	\$185,000	
	Right-of-way		\$370,000	
	Construction		\$2,312,498	
<b>SYSTEM: Muddy River &amp; Tributaries</b>		<b>\$12,452,852</b>	<b>\$0</b>	<b>\$0</b>
	<b>PROJECT: Fairgrounds - Detention Basin (Whipple Street)</b>			
	Design/Admin	FGWS 0000, 0075, 0105, 0128, 0164, 0165, 0186	\$609,852	
	Construction		\$11,843,000	
<b>SYSTEM: Laughlin</b>		<b>\$206,614</b>	<b>\$0</b>	<b>\$0</b>
	<b>PROJECT: Hiko Detention Basin Expansion</b>			
	Design/Admin	LUHS 0244	\$206,614	
<b>SYSTEM: Searchlight</b>		<b>\$5,781,411</b>	<b>\$0</b>	<b>\$0</b>
	<b>PROJECT: Searchlight - West - State Hwy 164</b>			
	Design/Admin	SRWE 0001, 0002, 0005 & 0023	\$280,105	
	Construction		\$5,501,306	
<b>SYSTEM: Bunkerville</b>		<b>\$0</b>	<b>\$1,597,382</b>	<b>\$0</b>
	<b>PROJECT: Jess Wake Wash Diversion Dike</b>			
	Design/Admin	JEWA 0168	\$30,074	
	Construction		\$1,567,308	
<b>CITY OF MESQUITE</b>	<b>TOTAL ELIGIBLE YEAR 1</b>	<b>\$8,166,251</b>		
	<b>ENTITY TOTAL</b>	<b>\$8,166,251</b>	<b>\$0</b>	<b>\$0</b>
<b>HYDROGRAPHIC BASIN: Mesquite</b>		<b>\$8,166,251</b>	<b>\$0</b>	<b>\$0</b>
<b>SYSTEM: Town Wash</b>		<b>\$8,166,251</b>	<b>\$0</b>	<b>\$0</b>
	<b>PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash</b>			
	Design/Admin	TWMS 0000 thru 0044, TOWA 0120	\$534,241	
	Construction		\$7,632,010	



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

PITTMAN NORTH DETENTION BASIN AND OUTFALL, PHASE III

**PETITIONER:**

CITY OF HENDERSON

**RECOMMENDATION OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE THE THIRD SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION TO EXTEND THE COMPLETION DATE FOR THE PITTMAN NORTH DETENTION BASIN AND OUTFALL, PHASE III – HEN16F17 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None.

**BACKGROUND:**

On July 13, 2017, the District entered into an Interlocal Contract with the City to provide funding for construction and construction management for the Pittman North Detention Basin and Outfall, Phase III project. The Pittman North Detention Basin and Outfall Phase III project comprises of a 1,533 acre-ft detention basin, a 230-foot wide Labyrinth Weir and PMF Spillway, outlet structure, and outfall facility consisting of a 6' x 6' RCB culvert that transitions to a cast-in-place concrete pipe culvert, ranging in size from 96-to 120-inches in diameter, extending north in Bermuda Road then extending east along the south side of St. Rose Parkway to the existing culvert near Starr Road. The First Supplemental Interlocal Contract dated February 8, 2018 increased construction funding due to bids received, construction contingency, and increased construction management funding to reflect the bids. The First Supplemental also extended the project completion date. The Second Supplemental Interlocal Contract dated December 12, 2019 also extended the project completion date.

This Third Supplemental Interlocal Contract extends the project completion date from June 30, 2020 to December 31, 2020 to allow for project closeout.

Respectfully submitted,

Declassified by:

*Edward McGuire*

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

TAC AGENDA  
ITEM # 14a  
Date: 05/28/2020

RFCD AGENDA  
ITEM #  
Date: 06/11/2020

CAC AGENDA  
ITEM # 14a  
Date: 05/28/2020

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

**PITTMAN NORTH DETENTION BASIN AND OUTFALL, PHASE III  
THIRD SUPPLEMENTAL INTERLOCAL CONTRACT – HEN16F17**

The City of Henderson has submitted a request to approve a third supplemental interlocal contract for construction and construction management to extend the project completion date from June 30, 2020 to December 31, 2020 for the Pittman North Detention Basin and Outfall, Phase III project.

The extension of time is necessary to allow for project closeout.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#14a Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#14a Date: 05/28/2020

**Recommendation:**



**THIRD SUPPLEMENTAL INTERLOCAL CONTRACT**  
**PITTMAN NORTH DETENTION BASIN AND OUTFALL, PHASE III**

THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2020, by and between the Clark County Regional Flood Control District hereinafter referred to as "DISTRICT" and City of Henderson, 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 Master Plan Update Structure No.'s PTNO 0180, 0181 and 0182, hereinafter referred to as "PROJECT"; and

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update Structure No.'s PTWA 0983, PTNO 0139, 0140, 0147, 0154, 0155, 0180, 0181 and 0182, hereinafter referred to as "PROJECT"; and

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

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

WHEREAS, an interlocal contract was approved by the DISTRICT and the CITY on July 13, 2017, a First Supplement dated February 8, 2018, and a Second Supplement dated December 12, 2019;

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

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

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

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

10. The DISTRICT will pay the (CITY or COUNTY), or make payment directly to its contractor or its consultant, each month for project costs as outlined in SECTION II – PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:

- a. Predesign Engineering
- b. Design Engineering
- c. Entity Design Labor Costs
- d. Right-of-way
- e. Environmental
- f. Emergency Action Plan
- g. Flood Map Revision
- h. Construction
- i. Construction Management
- j. Entity Construction Management Labor Costs
- k. Landscape Construction
- l. Other

15. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to December 31, 2020. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.

16. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same



Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract dated July 13, 2017, First Supplemental Interlocal Contract dated February 8, 2018, and Second Supplemental Interlocal Contract dated December 12, 2019 shall remain unchanged.

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

Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

ATTEST:

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

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

Approved as to Form:

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

\*\*\*\*\*

Date of Council Action:

CITY OF HENDERSON

\_\_\_\_\_

\_\_\_\_\_  
Richard A. Derrick, City Manager/CEO

ATTEST:

Approved as to Form:

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

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

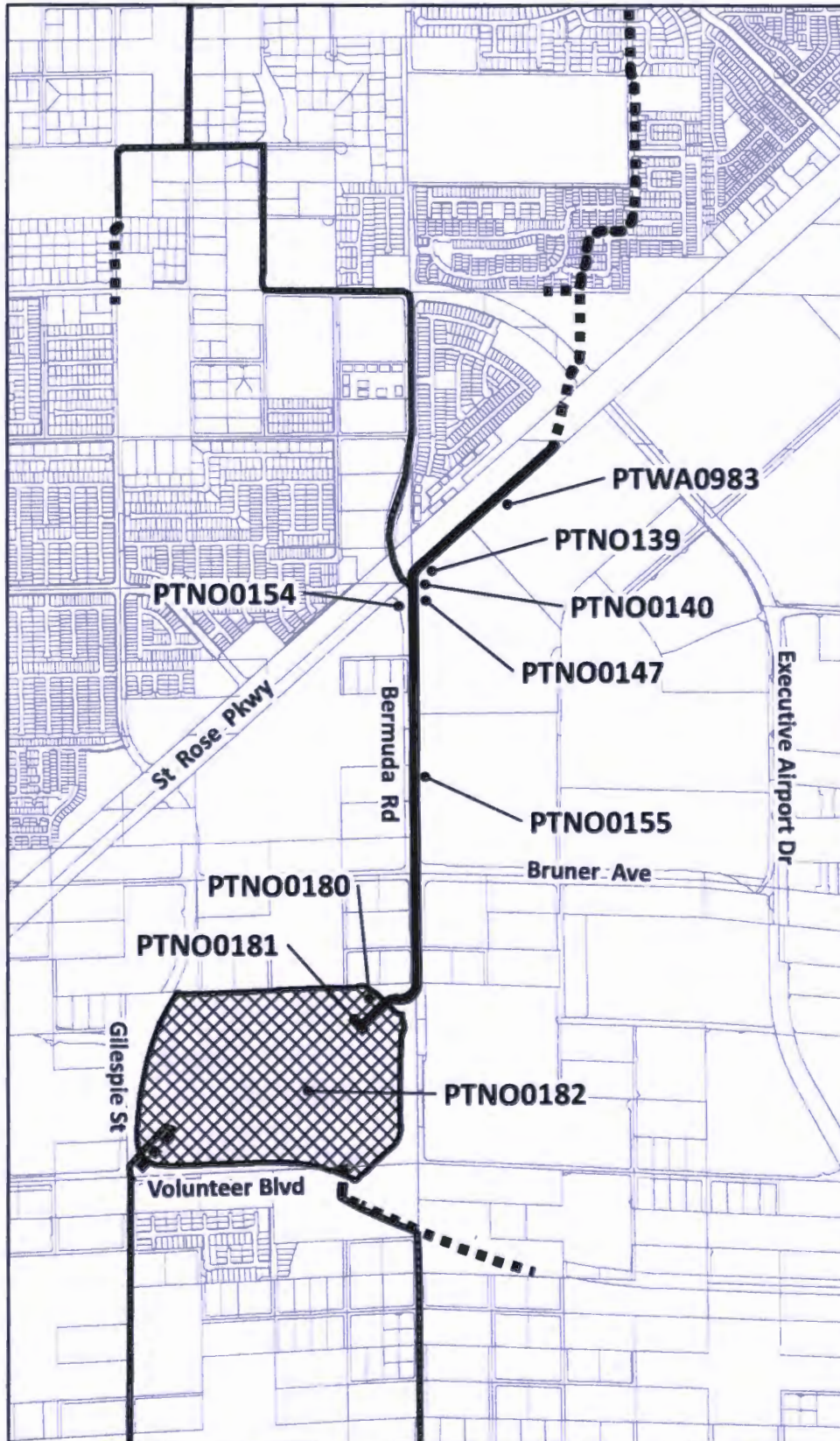
Approved as to Funding:

Approved as to Content:

\_\_\_\_\_  
Jim McIntosh  
Chief Financial Officer

\_\_\_\_\_  
Edward McGuire  
Director of Public Works



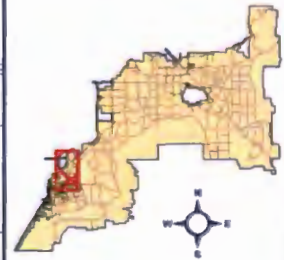


PUBLIC WORKS  
DEPARTMENT



City of Henderson  
REGIONAL  
FLOOD CONTROL  
DISTRICT

EXHIBIT A



#### Legend

- Proposed Regional Facility
- Future Regional Facility
- Existing Regional Facility
- Proposed Regional Basin



This map is offered as a general reference guide only. Neither warranty of accuracy is intended nor should any be assumed.

MAP NAME:

EXHIBIT A

AUTHOR: DATE:

CLH 5/18/2020

FILE:

HEN16F17

**EXHIBIT A**

PITTMAN NORTH DETENTION BASIN  
AND OUTFALL, PHASE III, HEN16F17

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

LAS VEGAS WASH – SLOAN CHANNEL TO BONANZA ROAD AND FLAMINGO WASH BELOW NELLIS BOULEVARD (FORMERLY KNOWN AS LAS VEGAS WASH, SLOAN CHANNEL TO CEDAR AVENUE)

**PETITIONER:**

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL NO. 6 TO THE INTERLOCAL CONTRACT FOR DESIGN TO EXTEND THE TERM OF THE CONTRACT FOR LAS VEGAS WASH - SLOAN CHANNEL TO BONANZA ROAD AND FLAMINGO WASH BELOW NELLIS BOULEVARD - CLA15D12 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

None.

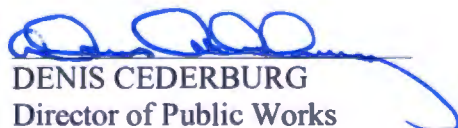
**BACKGROUND:**

On June 14, 2012 the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for design engineering, right-of-way and environmental mitigation, pre-construction services and a CLOMR/LOMR for the subject project.

Supplemental No. 1 dated December 13, 2012 provided additional design, environmental mitigation and CLOMR/LOMR funds. Supplemental No. 2 dated May 16, 2013 provided additional design, environmental mitigation, Right-of-Way and CLOMR/LOMR funds. Supplemental No. 3 dated February 2, 2013 provided additional design, environmental mitigation and CLOMR/LOMR funds. Supplemental No. 4 dated June 8, 2017 provided additional design funds. Supplemental No. 5 dated June 13, 2019 provided additional design funds.

This sixth supplemental interlocal contract will extend the term of the contract for the project from June 30, 2020 to June 30, 2025. Claim from contractor has not been resolved and additional time is required.

Respectfully submitted,

  
DENIS CEDERBURG  
Director of Public Works

<b>TAC AGENDA ITEM # 14b Date: 05.28.2020</b>	<b>RFCD AGENDA ITEM # Date: 06.11.2020</b>
<b>CAC AGENDA ITEM # 14b Date: 05.28.2020</b>	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

LAS VEGAS WASH – SLOAN CHANNEL TO BONANZA ROAD AND FLAMINGO WASH BELOW NELLIS BOULEVARD (FORMERLY KNOWN AS LAS VEGAS WASH, SLOAN CHANNEL TO CEDAR AVENUE)  
SIXTH SUPPLEMENTAL INTERLOCAL CONTRACT – CLA15D12

Clark County has submitted a request to approve a sixth supplemental interlocal contract for design engineering, right-of-way, environmental mitigation, pre-construction services and a Conditional Letter of Map Revision/Letter of Map Revision to extend the project completion date from June 30, 2020 to June 30, 2025 for the Las Vegas Wash – Sloan Channel to Bonanza Road and Flamingo Wash below Nellis Boulevard project.

Claims from the contractor have not been resolved and additional time is required.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#14b Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#14b Date: 05/28/2020

**Recommendation:**

**SUPPLEMENTAL NO. 6 TO THE INTERLOCAL CONTRACT FOR  
LAS VEGAS WASH – SLOAN CHANNEL TO BONANZA ROAD AND FLAMINGO  
WASH BELOW NELLIS BOULEVARD**

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

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

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

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2013 Clark County Flood Control Master Plan Update, Structures Nos. FLWA 0001, LVMD 0883, 0911, 0916, 0923, 0948, 0950, 0974, 1031, 1033, 1046, 1048, 1054, 1069, 1071, 1121, and 1149, hereinafter referred to as “Project”; and

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2018 Clark County Flood Control Master Plan Update, Structures Nos. FLWA 0001 and 0005, LVMD 0883, 0911, 0916, 0923, 0925, 0948, 0950, 0974, 1031, 1033, 1046, 1048, 1054, 1069, 1071, 1121, and 1149, hereinafter referred to as “Project”; and

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

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

**WHEREAS**, the DISTRICT approved an interlocal contract to provide funds for design, right-of-way, environmental mitigation, preconstruction services and CLOMR/LOMR of the Project; and

**WHEREAS**, it is necessary to extend the term of the contract for the Project; and

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

**NOW, THEREFORE**, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the COUNTY agree to supplement the Interlocal Contract approved June 14, 2012; and supplemental interlocal contracts approved December 13, 2012, May 16, 2013, February 13, 2014, June 8, 2017, and June 13, 2019 and agree to the following:



**SECTION III- GENERAL, paragraphs 9, 14 and 15 shall be changed to read as follows:**

9. The DISTRICT will pay the COUNTY, or make payment directly to its contractor or its consultant, each month for project costs as outlined in SECTION II – PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
  - a. Predesign Engineering
  - b. Design Engineering
  - c. Entity Design Labor Costs
  - d. Right-of-way
  - e. Environmental
  - f. Emergency Action Plan
  - g. Flood Map Revision
  - h. Construction
  - i. Construction Management
  - j. Entity Construction Management Labor Costs
  - k. Landscape Construction
  - l. Other
14. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2025. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days notice.
15. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract and supplemental Interlocal Contracts remains unchanged.

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IN WITNESS WHEREOF, this Supplemental No. 6 to the Interlocal Contract is hereby executed as of the date first set forth above.

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

\_\_\_\_\_  
By: \_\_\_\_\_  
Marilynn Kirkpatrick  
Chair

Attest:

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

\*\*\*\*\*

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

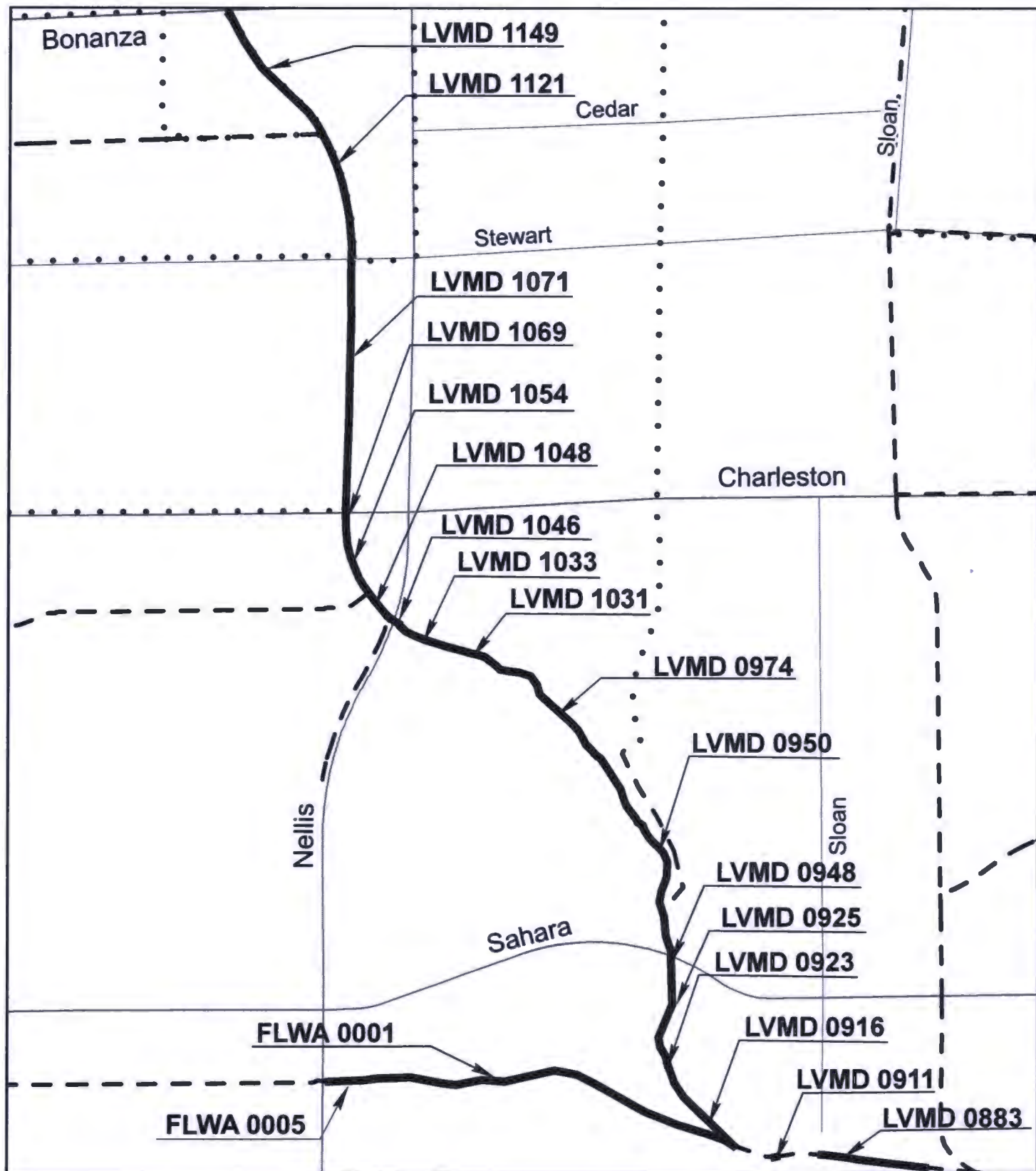
\_\_\_\_\_  
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III, Chair

Attest:

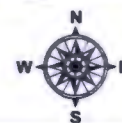
\_\_\_\_\_  
DEANNA HUGHES  
Secretary to the Board  
Approved as to Form:

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





## Exhibit A



### Legend

- Proposed
- Existing
- Future

**Project Number: CLA15D12**

**Las Vegas Wash  
Sloan Channel to Bonanza Road and  
Flamingo Wash Below Nellis Boulevard**

**CLARK COUNTY PUBLIC WORKS**

**SCALE: NOT TO SCALE**

**DATE: 05-14-2020**

**SHEET NUMBER: 1 OF 1**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

GOODSPRINGS-PHASE I

**PETITIONER:**

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL NO. 3 TO THE INTERLOCAL CONTRACT FOR DESIGN TO EXTEND THE TERM OF THE CONTRACT FOR GOODSPRINGS-PHASE I – GSP01B10 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

None.

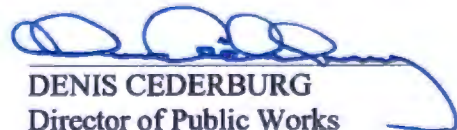
**BACKGROUND:**

On March 11, 2010 the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for design engineering, right-of-way and environmental mitigation for the subject project.

Supplemental No. 1 dated June 11, 2015 provided a time extension. Supplemental No. 2 dated April 13, 2017 provided additional Right-of-Way funds.

This third supplemental interlocal contract will extend the term of the contract for the project from June 30, 2020 to June 30, 2023, as the project is still under design

Respectfully submitted,

  
DENIS CEDERBURG  
Director of Public Works

<b>TAC AGENDA</b> <b>ITEM # 14c</b> <b>Date: 05.28.2020</b>	<b>RFCD AGENDA</b> <b>ITEM #</b> <b>Date: 06.11.2020</b>
<b>CAC AGENDA</b> <b>ITEM # 14c14c</b> <b>Date: 05.28.2020</b>	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

**GOODSPRINGS-PHASE I  
THIRD SUPPLEMENTAL INTERLOCAL CONTRACT – GSP01B10**

Clark County has submitted a request to approve a third supplemental interlocal contract for design engineering, right-of-way and environmental mitigation to extend the project completion date from June 30, 2020 to June 30, 2023 for the Goodsprings-Phase I project.

The extension of time is to complete the design of the project.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#14c Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#14c Date: 05/28/2020

**Recommendation:**

**SUPPLEMENTAL NO. 3 TO THE INTERLOCAL CONTRACT FOR  
GOODSPRINGS - PHASE I**

**THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT**, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2020, by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the County of Clark, hereinafter referred to as "COUNTY".

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

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

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2009 Master Plan Update, Structure Nos. GSEA 0000, GSPA 0027 and 0029 and GSRV 0019, hereinafter referred to as "Project"; and

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2014 Master Plan Update, Structure Nos. GSEA 0000, GSPA 0027 and 0029 and GSRV 0019, hereinafter referred to as "Project"; and

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2019 Master Plan Update, Structure Nos. GSPA 0000, 0018, 0019, 0027 and 0029, hereinafter referred to as "Project"; and

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

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

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

**WHEREAS**, it is necessary to extend the term of the contract for the Project; and

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

**NOW, THEREFORE**, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the COUNTY agree to supplement the Interlocal Contract approved March 11, 2010; and supplemental interlocal contracts approved June 11, 2015, and April 13, 2017, and agree to the following:



**SECTION III- GENERAL, paragraphs 9, 14 and 15 shall be changed to read as follows:**

9. The DISTRICT will pay the COUNTY, or make payment directly to its contractor or its consultant, each month for project costs as outlined in SECTION II – PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
- a. Predesign Engineering
  - b. Design Engineering
  - c. Entity Design Labor Costs
  - d. Right-of-way
  - e. Environmental
  - f. Emergency Action Plan
  - g. Flood Map Revision
  - h. Construction
  - i. Construction Management
  - j. Entity Construction Management Labor Costs
  - k. Landscape Construction
  - l. Other
14. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2023. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days notice.
15. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract and Supplemental Interlocal Contracts remains unchanged.

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IN WITNESS WHEREOF, this Supplemental No. 3 to the Interlocal Contract is hereby executed as of the date first set forth above.

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

\_\_\_\_\_  
By: \_\_\_\_\_  
Marilynn Kirkpatrick  
Chair

Attest:

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

\*\*\*\*\*

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

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

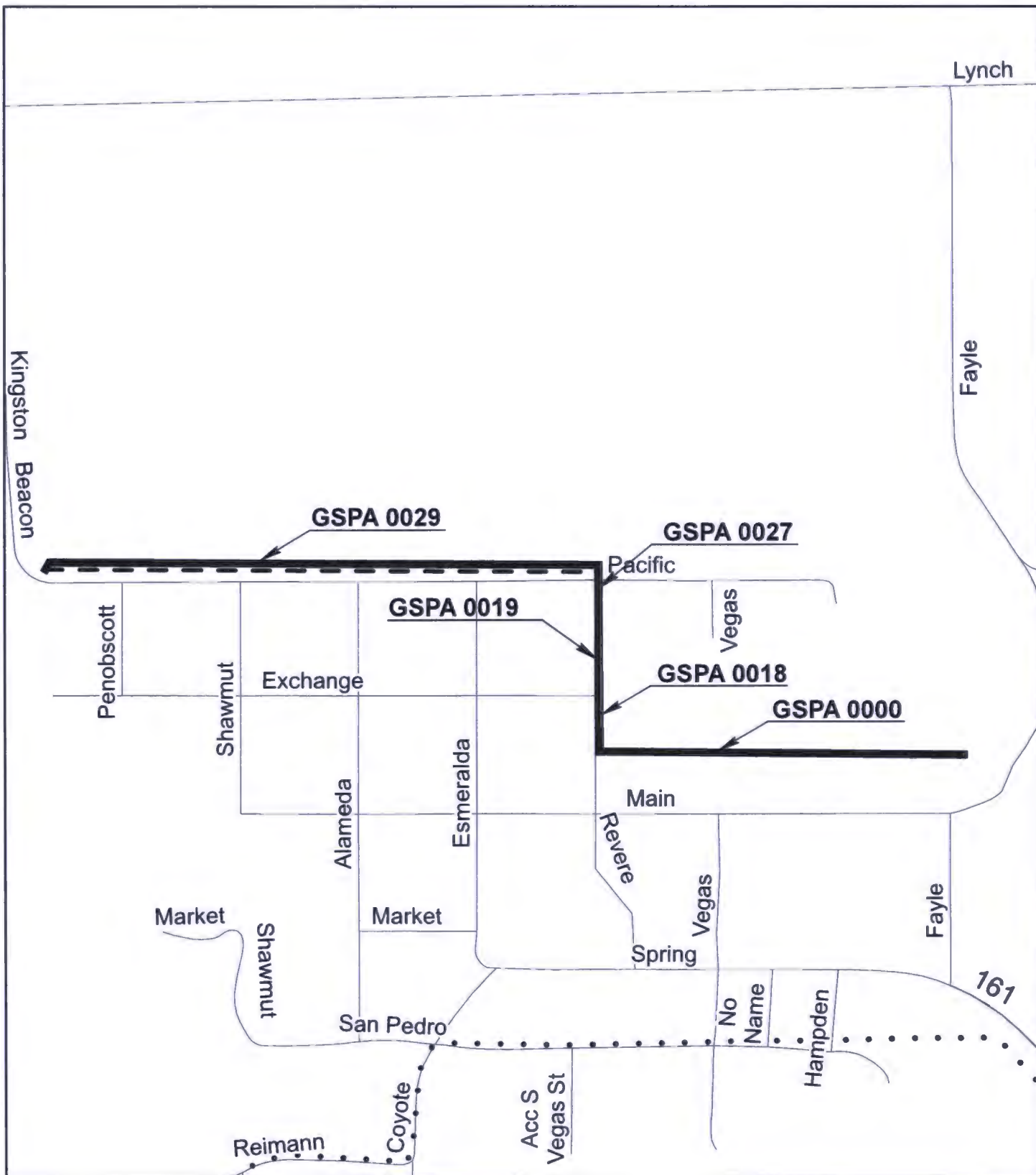
Attest:

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

Approved as to Form:

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





# Legend

- Proposed
- Existing
- Future

## Exhibit A



Project Number: GSP01B10

Goodsprings Phase I

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 05-14-2020

SHEET NUMBER: 1 OF 1

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

FLAMINGO WASH, UPRR TO HOTEL RIO DRIVE (FORMERLY KNOWN AS  
FLAMINGO WASH, INDUSTRIAL ROAD TO HOTEL RIO DRIVE)

**PETITIONER:**

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL NO.  
2 TO THE INTERLOCAL CONTRACT FOR DESIGN TO EXTEND THE TERM OF THE  
CONTRACT AND CHANGE THE NAME OF THE PROJECT FROM FLAMINGO WASH,  
INDUSTRIAL ROAD TO HOTEL RIO DRIVE TO FLAMINGO WASH, UPRR TO HOTEL  
RIO DRIVE – CLA10F10 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

None.


**BACKGROUND:**

On April 8, 2010 the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for design engineering, right-of-way and environmental mitigation for the subject project.

On July 11, 2015, a first supplemental interlocal contract was entered into increasing funding and extending the term of the contract.

This second supplemental interlocal contract will change the name of the project from Flamingo Wash, Industrial Road to Hotel Rio Drive to Flamingo Wash, UPRR to Hotel Rio Drive and extend the term of the contract for the project from June 30, 2020 to June 30, 2025. This is needed for continued design.

Respectfully submitted,

  
DENIS CEDERBURG  
Director of Public Works

**TAC AGENDA  
ITEM # 15a  
Date: 05.28.2020**

**RFCD AGENDA  
ITEM #  
Date: 06.11.2020**

**CAC AGENDA  
ITEM # 15a  
Date: 05.28.2020**



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	<b>Date:</b> 05/18/2020
<p><b>FLAMINGO WASH, UPRR TO HOTEL RIO DRIVE (FORMERLY KNOWN AS FLAMINGO WASH, INDUSTRIAL ROAD TO HOTEL RIO DRIVE) SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – CLA10F10</b></p> <p>Clark County has submitted a request to approve a second supplemental interlocal contract for design engineering, right-of-way and environmental mitigation to extend the project completion date from June 30, 2020 to June 30, 2025 and change the name of the project to Flamingo Wash, UPRR to Hotel Rio Drive.</p> <p>The extension of time is necessary to complete design of the project.</p> <p>The District Attorney has reviewed the contract.</p>	
<b>Staff Recommendation:</b>  Approve.	
<b>Discussion by Technical Advisory Committee:</b>	<b>AGENDA #15a Date: 05/28/2020</b>
<b>Recommendation:</b>	
<b>Discussion by Citizens Advisory Committee:</b>	<b>AGENDA #15a Date: 05/28/2020</b>
<b>Recommendation:</b>	

**SUPPLEMENTAL NO. 2 TO THE INTERLOCAL CONTRACT FOR  
FLAMINGO WASH, UPRR TO HOTEL RIO DRIVE  
(FORMERLY KNOWN AS FLAMINGO WASH, INDUSTRIAL ROAD TO HOTEL RIO  
DRIVE)**

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

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

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

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2008 Clark County Flood Control Master Plan Update, Structures Nos. FLWA 0893 and 0896, and hereinafter referred to as “Project”; and

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2013 Clark County Flood Control Master Plan Update, Structures Nos. FLWA 0893 and 0896, and hereinafter referred to as “Project”; and

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2018 Clark County Flood Control Master Plan Update, Structures Nos. FLWA 0893 and 0896, and hereinafter referred to as “Project”; and

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

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

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

**WHEREAS**, it is necessary to change the name of the project to Flamingo Wash, UPRR to Hotel Rio Drive and extend the term of the contract 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.

**NOW, THEREFORE**, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the COUNTY agree to supplement the Interlocal Contract approved April 8, 2010; and supplemental interlocal contract approved June 11, 2015, and agree to the following:



**SECTION III- GENERAL, paragraphs 9, 14 and 15 shall be changed to read as follows:**

9. The DISTRICT will pay the COUNTY, or make payment directly to its contractor or its consultant, each month for project costs as outlined in SECTION II – PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
  - a. Predesign Engineering
  - b. Design Engineering
  - c. Entity Design Labor Costs
  - d. Right-of-way
  - e. Environmental
  - f. Emergency Action Plan
  - g. Flood Map Revision
  - h. Construction
  - i. Construction Management
  - j. Entity Construction Management Labor Costs
  - k. Landscape Construction
  - l. Other
14. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2025. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days notice.
15. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract dated April 8, 2010 and First Supplemental Interlocal Contract shall remain unchanged.

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

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

\_\_\_\_\_  
By: \_\_\_\_\_  
Marilynn Kirkpatrick  
Chair

Attest:

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

\*\*\*\*\*

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

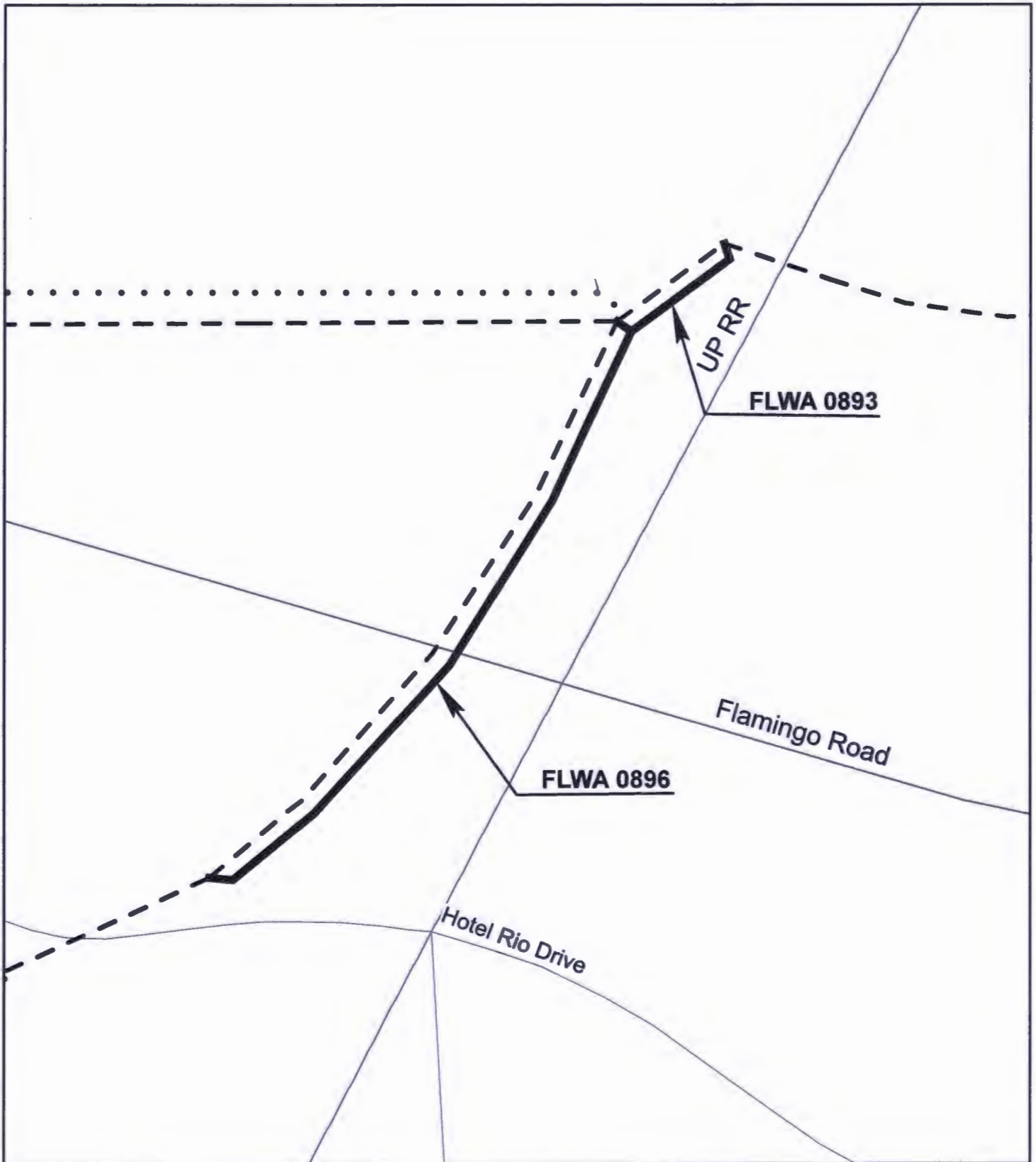
\_\_\_\_\_  
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III, Chair

Attest:

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

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






**Legend**

- Proposed
- Existing
- Future

**Exhibit A**



	<b>Project Number: CLA10F10</b>	CLARK COUNTY PUBLIC WORKS
		SCALE: NOT TO SCALE
	<b>Flamingo Wash, UPRR to Hotel Rio Drive (Formerly known as Flamingo Wash, Industrial Road to Hotel Rio Drive)</b>	DATE: 05-18-2020
		SHEET NUMBER: 1 OF 1

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

FAIRGROUNDS DETENTION BASIN AND OUTFALL (FORMERLY KNOWN AS FAIRGROUNDS DETENTION BASIN)

**PETITIONER:**

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL NO. 5 TO THE INTERLOCAL CONTRACT FOR DESIGN TO EXTEND THE TERM OF THE CONTRACT AND CHANGE THE NAME OF THE PROJECT FROM FAIRGROUNDS DETENTION BASIN TO FAIRGROUNDS DETENTION BASIN AND OUTFALL - MOA03A11 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

None.

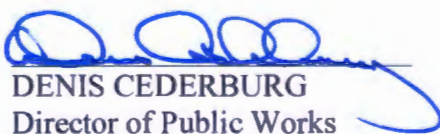
**BACKGROUND:**

On February 10, 2011 the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for design engineering, right-of-way and environmental mitigation for the subject project.

Supplemental No. 1 dated November 10, 2011 provided additional design, environmental mitigation and Right-of-Way funds. Supplemental No. 2 dated May 17, 2012 added Structure Nos. FGWS 0000 and 0113 to the scope. Supplemental No. 3 dated June 11, 2015 provided additional design and environmental mitigation funds. Supplemental No. 4 dated June 13, 2019 provided additional design and Right-of-Way funds.

This fifth supplemental interlocal contract will change the name of the project to Fairgrounds Detention Basin and Outfall and extend the term of the contract for the project from June 30, 2020 to June 30, 2025, due to design delays.

Respectfully submitted,

  
DENIS CEDERBURG  
Director of Public Works

TAC AGENDA  
ITEM # 15b  
Date: 05.28.2020

RFCD AGENDA  
ITEM #  
Date: 06.11.2020

CAC AGENDA  
ITEM # 15b  
Date: 05.28.2020



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

FAIRGROUNDS DETENTION BASIN AND OUTFALL  
(FORMERLY KNOWN AS FAIRGROUNDS DETENTION BASIN)  
FIFTH SUPPLEMENTAL INTERLOCAL CONTRACT – MOA03A11

Clark County has submitted a request to approve a fifth supplemental interlocal contract for design engineering, right-of-way, environmental mitigation and an emergency action plan to extend the project completion date from June 30, 2020 to June 30, 2025 and change the name of the project to Fairgrounds Detention Basin and Outfall.

The extension of time is necessary due to delays in design.

The District Attorney has reviewed the contract.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#15b Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#15b Date: 05/28/2020

**Recommendation:**

**SUPPLEMENTAL NO. 5 TO THE INTERLOCAL CONTRACT FOR  
FAIRGROUNDS DETENTION BASIN AND OUTFALL  
(FORMERLY KNOWN AS FAIRGROUNDS DETENTION BASIN)**

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

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

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

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2011 Master Plan Update for Moapa Valley, Structure No’s. FGWS 0000, 0113, 0164, 0165 and 0166, hereinafter referred to as “Project”; and

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2016 Master Plan Update for Moapa Valley, Structure No’s. FGWS 0000, 0075, 0105, 0128, 0164, 0165 and 0166, hereinafter referred to as “Project”; and

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

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

**WHEREAS**, it is necessary to change the name of the project to Fairgrounds Detention Basin and Outfall and extend the term of the contract for the Project; and

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

**NOW, THEREFORE**, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the COUNTY agree to supplement the Interlocal Contract approved February 10, 2011; and supplemental interlocal contracts approved November 10, 2011, May 17, 2012, June 11, 2015, and June 13, 2019, and agree to the following:

**SECTION III- GENERAL, paragraphs 9, 14 and 15 shall be changed to read as follows:**

9. The DISTRICT will pay the COUNTY, or make payment directly to its contractor or its consultant, each month for project costs as outlined in SECTION II – PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:



- a. Predesign Engineering
- b. Design Engineering
- c. Entity Design Labor Costs
- d. Right-of-way
- e. Environmental
- f. Emergency Action Plan
- g. Flood Map Revision
- h. Construction
- i. Construction Management
- j. Entity Construction Management Labor Costs
- k. Landscape Construction
- l. Other

14. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2025. The DISTRICT may, at any time thereafter, grant extensions or terminate this Interlocal Contract after thirty (30) days notice.
15. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract and Supplemental Interlocal Contracts remains unchanged.

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IN WITNESS WHEREOF, this Supplemental No. 5 to the Interlocal Contract is hereby executed as of the date first set forth above.

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

\_\_\_\_\_  
By: \_\_\_\_\_  
Marilynn Kirkpatrick  
Chair

Attest:

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

\*\*\*\*\*

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

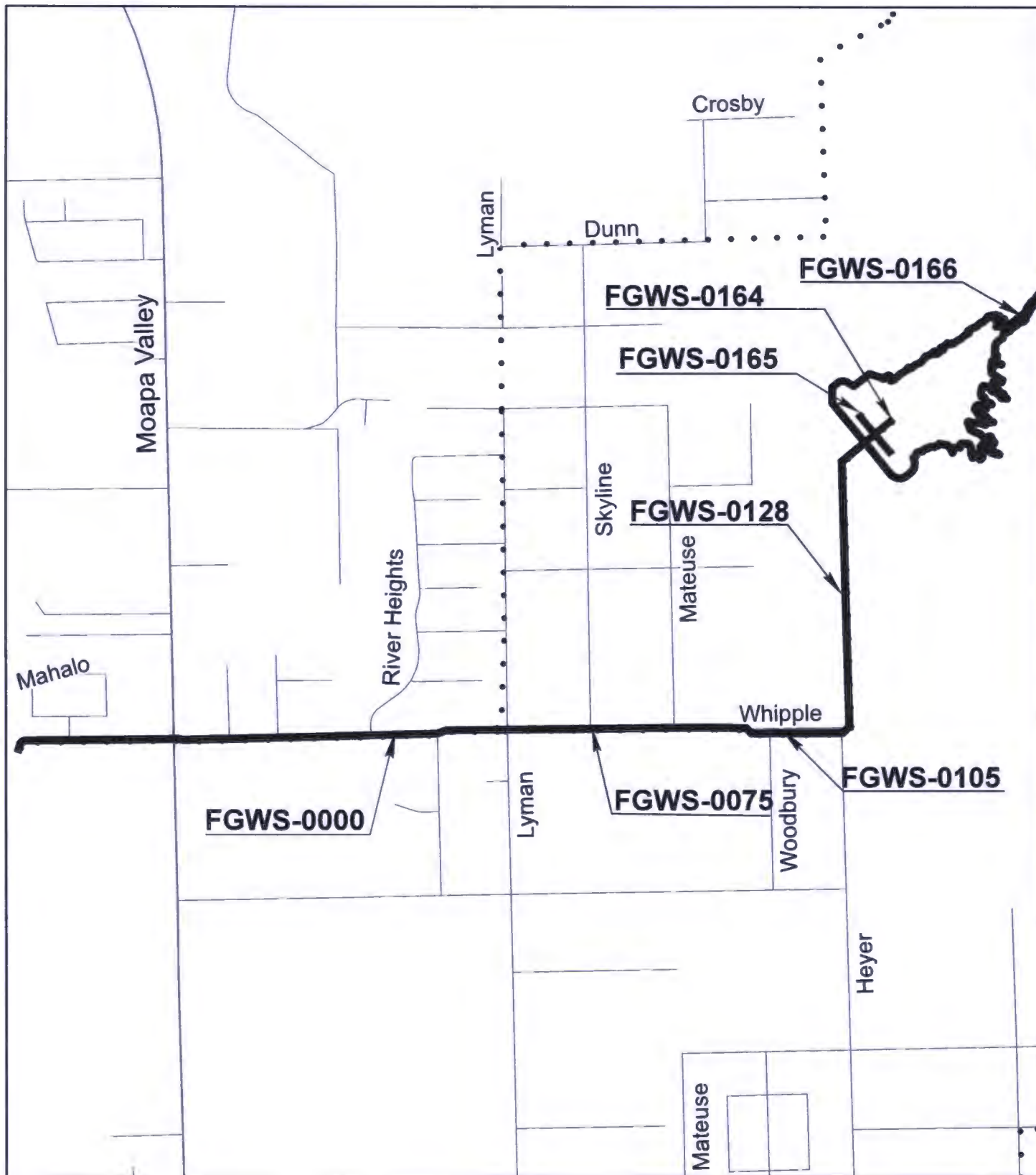
\_\_\_\_\_  
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III, Chair

Attest:

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

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

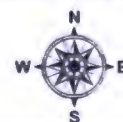




# Legend

- Proposed
- - Existing
- . . . Future

## Exhibit A



Project Number: MOA03A11

Fairgrounds  
Detention Basin and Outfall

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 05-14-2020

SHEET NUMBER: 1 OF 1

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

SILVERADO RANCH DETENTION BASIN AND OUTFALL FACILITIES (AKA SILVERADO RANCH DETENTION BASIN)

**PETITIONER:**

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL NO. 2 TO THE INTERLOCAL CONTRACT FOR DESIGN TO INCREASE FUNDING FOR SILVERADO RANCH DETENTION BASIN AND OUTFALL FACILITIES - CLA08S13 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

	<u>CURRENT</u>	<u>REVISED</u>	<u>FISCAL IMPACT</u>
Design Engineering	\$ 1,248,000.00	\$ 1,303,000.00	\$ 55,000.00
Right-of-Way	\$ 31,000.00	\$ 31,000.00	\$ 0.00
Environmental	\$ 81,000.00	\$ 81,000.00	\$ 0.00
Emergency Action Plan	\$ 10,000.00	\$ 10,000.00	\$ 0.00
Entity Design Labor Costs	\$ 0.00	\$ 25,000.00	\$ 25,000.00
Total ILC Value	\$ 1,370,000.00	\$ 1,450,000.00	\$ 80,000.00

**BACKGROUND:**

On September 12, 2013 the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for design engineering, right-of-way, environmental mitigation and an emergency action plan for the subject project. Supplemental No. 1 dated September 8, 2016 increased funding.

This Second Supplemental Interlocal Contract requests additional funds that are now required for additional engineering services including alignment alternatives and re-design, right-of-way exhibits and legal descriptions, and additional coordination with development, utilities and adjacent roadway projects. This request will also add a line item to cover eligible entity design labor costs.

Respectfully submitted,

  
DENIS CEDERBURG  
Director of Public Works

<b>TAC AGENDA ITEM # 16a Date: 05.28.2020</b>	<b>RFCD AGENDA ITEM # Date: 06.11.2020</b>
<b>CAC AGENDA ITEM # 16a Date: 05.28.2020</b>	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

**SILVERADO RANCH DETENTION BASIN AND OUTFALL FACILITIES  
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – CLA08S13**

Clark County has submitted a request to approve a second supplemental interlocal contract for design engineering, right-of-way, environmental and an emergency action plan to increase funding in the amount of \$80,000 and add a line item for entity design labor costs for the Silverado Ranch Detention Basin and Outfall Facilities project.

Additional funding is needed to perform engineering services including alignment alternative and re-design, right-of-way exhibits and legal descriptions and additional coordination with development, utilities and adjacent roadway projects and to cover eligible entity design labor costs. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$1,248,000	\$55,000	\$1,303,000
Right-of-Way	\$ 31,000	\$ 0	\$ 31,000
Environmental	\$ 81,000	\$ 0	\$ 81,000
Emergency Action Plan	\$ 10,000	\$ 0	\$ 10,000
Entity Design Labor Costs	\$ 0	\$25,000	\$ 25,000
Total ILC Value	\$1,370,000	\$80,000	\$1,450,000

The District Attorney has reviewed the contract.

**Staff Recommendation:**

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

**Discussion by Technical Advisory Committee:**

AGENDA  
#16a Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#16a Date: 05/28/2020

**Recommendation:**

**SUPPLEMENTAL NO. 2 TO THE INTERLOCAL CONTRACT FOR  
SILVERADO RANCH DETENTION BASIN AND OUTFALL FACILITIES  
(AKA SILVERADO RANCH DETENTION BASIN)**

**THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT**, made and entered into this \_\_\_\_ day of \_\_\_\_\_, 2020, by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the County of Clark, hereinafter referred to as "COUNTY".

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

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

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2008 Clark County Flood Control Master Plan Update, Structure Nos. BD02 0265, 0277, and 0312, and hereinafter referred to as "Project"; and

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2013 Clark County Flood Control Master Plan Update, Structures Nos. BD02 0125, 0151, 0177, 0265, 0277, 0312, 0359 and 0385, and hereinafter referred to as "Project"; and

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2018 Clark County Flood Control Master Plan Update, Structure Nos. BD02 0125, 0151, 0177, 0265, 0277, 0300, 0308, 0310, 0312, 0350, 0359, 0385, 0404 and DCW4 0000 and 0001, and hereinafter referred to as "Project"; and

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

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

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

**WHEREAS**, the COUNTY requests an increase in funding for the project; and

**NOW, THEREFORE**, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the COUNTY agree to supplement the Interlocal Contract approved September 12, 2013; and supplemental interlocal contract approved September 8, 2016, and 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. Design Engineering in an amount not to exceed \$1,303,000.00.
2. Right-Of-Way in an amount not to exceed \$31,000.00.
3. Environmental in an amount not to exceed \$81,000.00.
4. Emergency Action Plan in an amount not to exceed \$10,000.00.
5. Entity Design Labor Cost in an amount not to exceed \$25,000.00.
6. The total cost of this Interlocal Contract shall not exceed \$1,450,000.00, which includes all the items described in the paragraphs above.
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.

**SECTION III - GENERAL, paragraphs 9 and 15 shall be added/changed to read as follows:**

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

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

The remainder of the original Interlocal Contract and First Supplemental Interlocal Contract remains unchanged.

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

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

\_\_\_\_\_  
By: \_\_\_\_\_  
Marilynn Kirkpatrick  
Chair

Attest:

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

\*\*\*\*\*

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

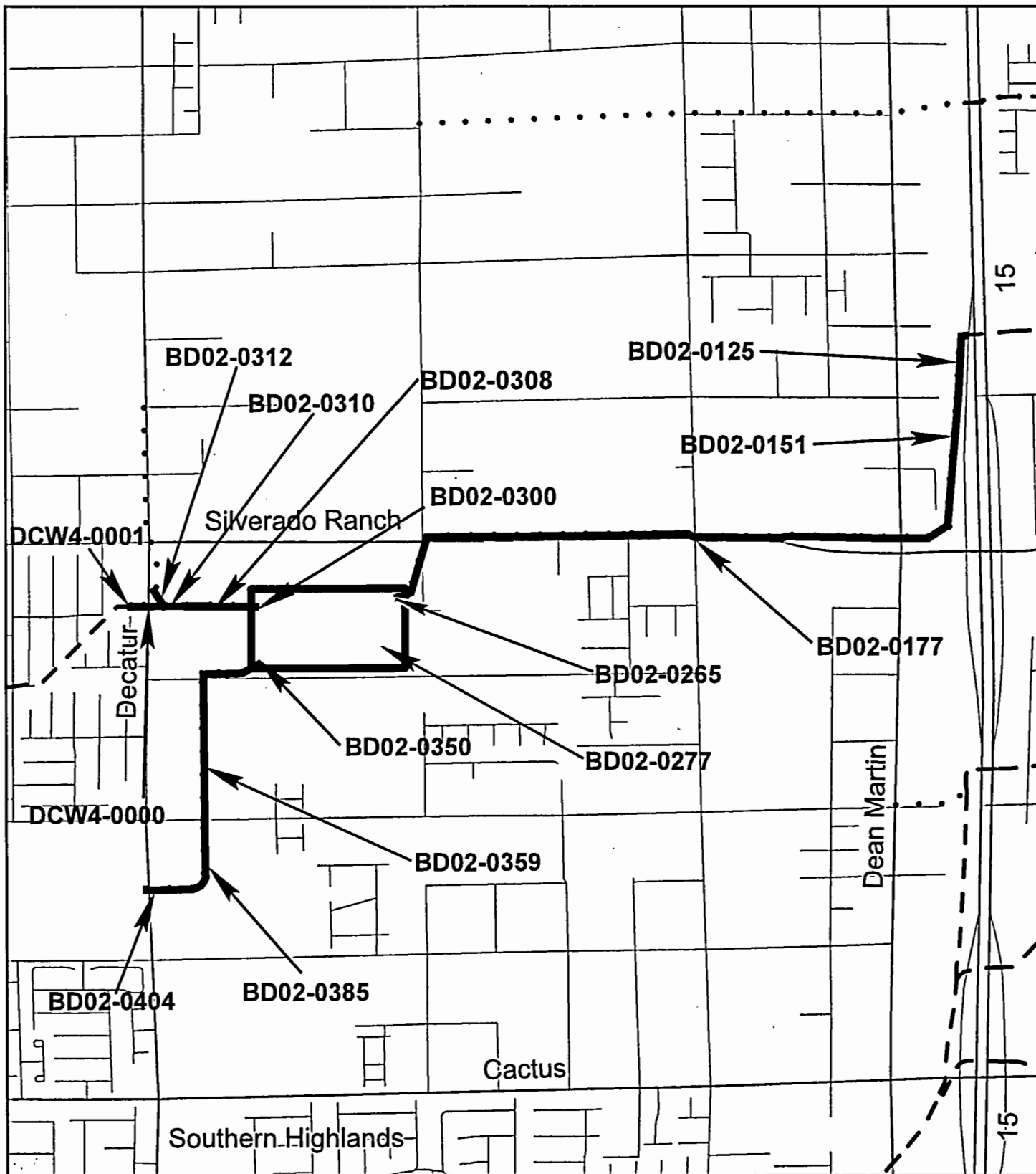
\_\_\_\_\_  
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III, Chair

Attest:

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

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

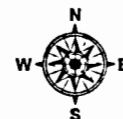




# Legend

- Proposed
- Existing
- Future

## Exhibit A



Project Number: CLA08S13

Silverado Ranch Detention Basin and  
Outfall Facilities

CLARK COUNTY PUBLIC WORKS

SCALE: NOT TO SCALE

DATE: 05-14-2020

SHEET NUMBER: 1 OF 1

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT: AIRPORT CHANNEL - NAPLES**

**PETITIONER: DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS**

**RECOMMENDATION OF PETITIONER:**

THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE SUPPLEMENTAL NO. 4 TO THE INTERLOCAL CONTRACT FOR DESIGN TO INCREASE FUNDING FOR AIRPORT CHANNEL - NAPLES - CLA10H13 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

	<u>CURRENT</u>	<u>REVISED</u>	<u>FISCAL IMPACT</u>
Design Engineering	\$ 1,151,000.00	\$ 1,639,640.00	\$ 488,640.00
Right-of-Way	\$ 2,000.00	\$ 2,000.00	\$ 0.00
Environmental	\$ 47,000.00	\$ 47,000.00	\$ 0.00
Entity Design Labor Costs	\$ 0.00	\$ 21,360.00	\$ 21,360.00
Total ILC Value	\$ 1,200,000.00	\$ 1,710,000.00	\$ 510,000.00

**BACKGROUND:**

On September 12, 2013 the Regional Flood Control District entered into an interlocal contract with Clark County to provide funding for design engineering, right-of-way and environmental mitigation for the subject project. Supplemental No. 1 dated May 21, 2015, No. 2 dated June 14, 2018 and No. 3 dated June 13, 2019 increased funds for design engineering, environmental mitigation and right-of-way, changed the scope of the project and extended the term of the contract.

This Fourth Supplemental Interlocal Contract requests additional funds that are now required for design services of additional flood control facilities to capture and convey the 100-year flow within Tropicana Avenue including coordinating with utilities that need to be relocated, to enlarge the existing junction structure within the McCarran Airport property, and to coordinate with alternatives for adjacent roadway alignments that affect the configuration and hydraulics of the peaking basin and design of the Project. This request will also add a line item to cover eligible entity design labor costs.

Respectfully submitted,

  
DENIS CEDERBURG  
Director of Public Works

TAC AGENDA  
ITEM # 16b  
Date: 05.28.2020

RFCD AGENDA  
ITEM #  
Date: 06.11.2020

CAC AGENDA  
ITEM # 16b  
Date: 05.28.2020



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

**AIRPORT CHANNEL - NAPLES  
FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT – CLA10H13**

Clark County has submitted a request to approve a fourth supplemental interlocal contract for design engineering, right-of-way and environmental to increase funding in the amount of \$510,000 and add a line item for entity design labor costs for the Airport Channel – Naples project.

Additional funding is needed for design services of additional flood control facilities to capture and convey the 100-year flow within Tropicana Avenue including coordinating with utilities that need to be relocated, to enlarge the existing junction structure within the McCarran Airport property, and to coordinate with alternatives for adjacent roadway alignments that affect the configuration and hydraulics of the peaking basin and design of the Project. This request will also add a line item to cover eligible entity design labor costs.

District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$1,151,000	\$488,640	\$1,639,640
Right-of-Way	\$ 2,000	\$ 0	\$ 2,000
Environmental	\$ 47,000	\$ 0	\$ 47,000
Entity Design Labor Costs	\$ 0	\$ 21,360	\$ 21,360
Total ILC Value	\$1,200,000	\$510,000	\$1,710,000

The District Attorney has reviewed the contract.

**Staff Recommendation:**

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

**Discussion by Technical Advisory Committee:**

AGENDA  
#16b Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#16b Date: 05/28/2020

**Recommendation:**

**SUPPLEMENTAL NO. 4 TO THE INTERLOCAL CONTRACT FOR  
AIRPORT CHANNEL – NAPLES**

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

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

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

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2013 Clark County Flood Control Master Plan Update, Structures Nos. TRMC 0013, 0031 and 0033, and hereinafter referred to as “Project”; and

**WHEREAS**, the flood control improvements proposed herein are generally described in the 2018 Clark County Flood Control Master Plan Update, Structures Nos. TRMC 0013, 0014, 0031 and 0033, and hereinafter referred to as “Project”; and

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

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

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

**WHEREAS**, the COUNTY requests an increase in funding for the project; and

**NOW, THEREFORE**, in consideration of the covenants, conditions, contracts, and promises of the parties hereto, the DISTRICT and the COUNTY agree to supplement the Interlocal Contract approved September 12, 2013; and supplemental interlocal contracts approved May 21, 2015, June 14, 2018, and June 13, 2019, and 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. Design in an amount not to exceed \$1,639,640.00.
2. Right-Of-Way in an amount not to exceed \$2,000.00.
3. Environmental mitigation in an amount not to exceed \$47,000.00.



4. Entity Design Labor Costs in an amount not to exceed \$21,360.00.
5. The total cost of this Interlocal Contract shall not exceed \$1,710,000.00, which includes all the items described in the paragraphs above.
6. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the Project. No other approval by the Lead Entity is required.
7. A written request must be made to the DISTRICT and a supplemental interlocal contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

**SECTION III - GENERAL, paragraphs 9 and 15 shall be added/changed to read as follows:**

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

The remainder of the original Interlocal Contract and Supplemental Interlocal Contracts shall remain unchanged.

IN WITNESS WHEREOF, this Supplemental Interlocal Contract No. 4 is hereby executed as of the date first set forth above.

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

\_\_\_\_\_  
By: \_\_\_\_\_  
Marilynn Kirkpatrick  
Chair

Attest:

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

\*\*\*\*\*

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

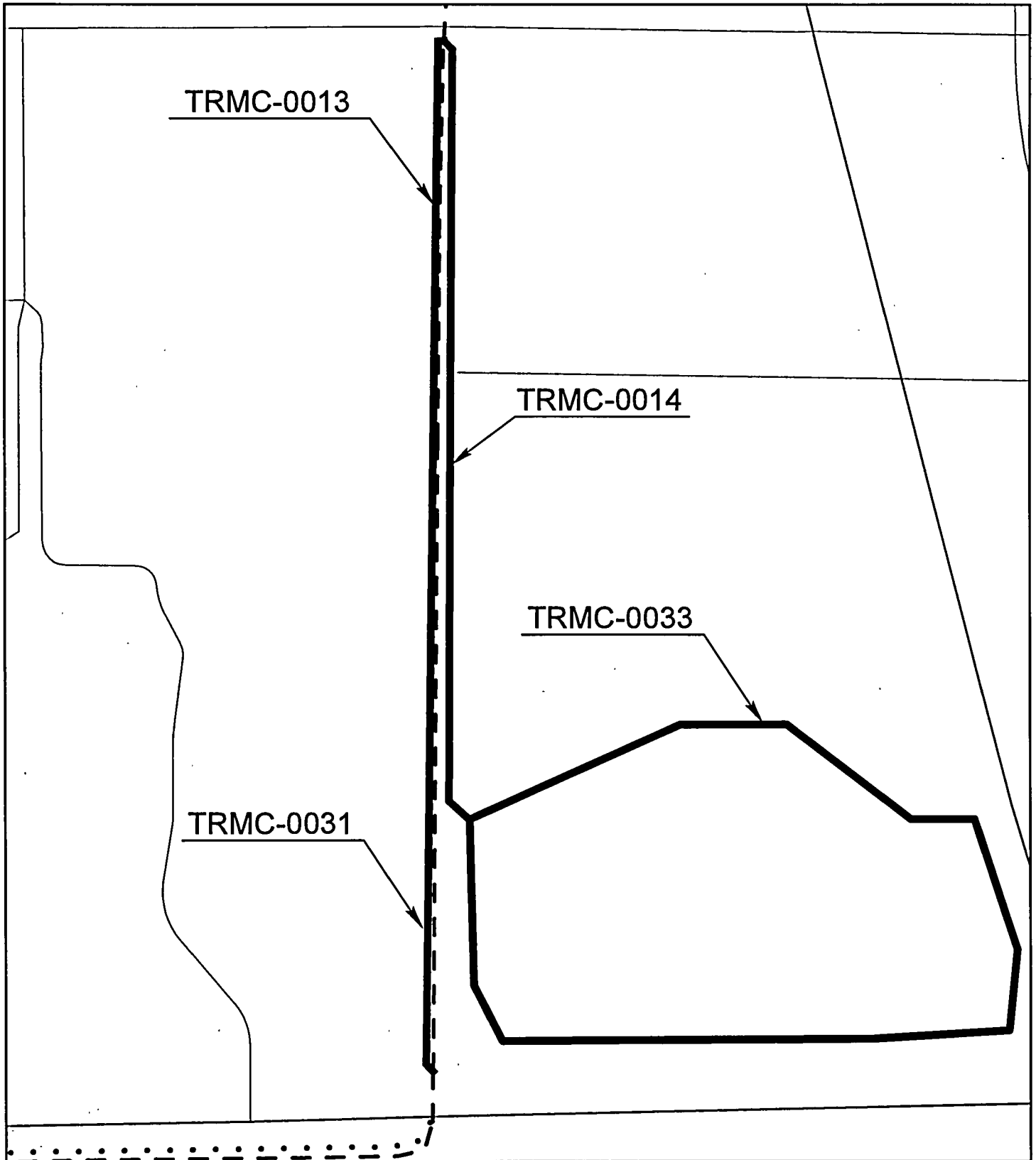
\_\_\_\_\_  
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III, Chair

Attest:

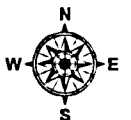
\_\_\_\_\_  
DEANNA HUGHES  
Secretary to the Board  
Approved as to Form:

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





## Exhibit A



### Legend

- Proposed
- Existing
- Future



**Project Number: CLA10H13**

**Airport Channel - Naples**

**CLARK COUNTY PUBLIC WORKS**

**SCALE: NOT TO SCALE**

**DATE: 05-14-2020**

**SHEET NUMBER: 1 OF 1**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

CENTENNIAL PARKWAY CHANNEL WEST – CC 215, PIONEER WAY TO US95

**PETITIONER:** MIKE JANSSEN, DIRECTOR

CITY OF LAS VEGAS PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT FOR DESIGN TO EXTEND THE PROJECT COMPLETION DATE AND DECREASE PROJECT FUNDING OF THE CENTENNIAL PARKWAY CHANNEL WEST – CC 215, PIONEER WAY TO US95 – LAS23E13 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

	Current Funding	Increase/Decrease	Proposed Funding
Right of Way	\$ 2,000	\$ 0	\$ 2,000
Design Engineering	\$1,063,687	(\$195,000)	\$868,687
Environmental	\$ 5,000	\$ 0	\$ 5,000
Total ILC Value	\$1,070,687	(\$195,000)	\$875,687

**BACKGROUND:**

On July 11, 2013, the District approved an Interlocal Contract for design engineering, right-of-way and environmental mitigation associated with the Centennial Parkway Channel West – CC 215, Pioneer Way to US95 Project. A First Supplemental Interlocal Contract dated November 13, 2014 increased funding. A Second Supplemental Interlocal Contract dated April 11, 2019 extended the project completion date. This Third Supplemental Interlocal Contract will extend the project completion date from June 30, 2020 to June 30, 2021 and decrease total project funding. Additional time is necessary to close out the project.

Respectfully submitted,



Mike Janssen, Director  
Department of Public Works

TAC AGENDA  
ITEM # 17a  
Date: 05/28/2020

RFCD AGENDA  
ITEM #  
Date: 06/11/2020

CAC AGENDA  
ITEM #17a  
Date: 05/28/2020



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

**CENTENNIAL PARKWAY CHANNEL WEST – CC 215, PIONEER WAY TO US95  
THIRD SUPPLEMENTAL INTERLOCAL CONTRACT – LAS23E13**

The City of Las Vegas has submitted a request to approve a third supplemental interlocal contract for design engineering, right-of-way and environmental to decrease funding in the amount of \$195,000 and extend the project completion date from June 30, 2020 to June 30, 2021 for the Centennial Parkway Channel West – CC 215, Pioneer Way to US95 project.

Additional time is needed to allow for project closeout. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Design Engineering	\$1,063,687	(\$195,000)	\$868,687
Right-of-Way	\$ 2,000	\$ 0	\$ 2,000
Environmental	\$ 5,000	\$ 0	\$ 5,000
Total ILC Value	\$1,070,687	(\$195,000)	\$875,687

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  
#17a Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#17a Date: 05/28/2020

**Recommendation:**

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

**THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2020 by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the City of Las Vegas hereinafter referred to as “CITY”.

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

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update as Facility Number CNWE 0301 and 0304, hereinafter referred to as “PROJECT”; and

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

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

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

**WHEREAS**, the Interlocal Contract dated July 11, 2013, First Supplemental Interlocal Contract dated November 13, 2014 and Second Supplemental Interlocal Contract dated April 11, 2019 were entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City desires to extend the project completion date and reduce funding for the project.

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

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

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

1. The engineering and design shall not exceed \$868,687.



2. Preparation of right-of-way drawings, descriptions, title reports of the right-of-way required, and appraisals at a cost not to exceed \$2,000.
3. Environmental Mitigation in an amount not to exceed \$5,000.
4. The total cost of this Contract shall not exceed \$875,687 which includes all the items described in the paragraphs above.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the Lead Entity is required.
6. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

**SECTION III – GENERAL, paragraphs 9, 14 and 15 shall be revised to read as follows:**

9. The DISTRICT will pay the (CITY or COUNTY), or make payment directly to its contractor or its consultant, each month for project costs as outlined in SECTION II – PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
  - a. Predesign Engineering
  - b. Design Engineering
  - c. Entity Design Labor Costs
  - d. Right-of-way
  - e. Environmental
  - f. Emergency Action Plan
  - g. Flood Map Revision
  - h. Construction
  - i. Construction Management
  - j. Entity Construction Management Labor Costs
  - k. Landscape Construction
  - l. Other
14. The items covered in SECTION II – PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2021. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.
15. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same

Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract dated July 11, 2013, First Supplemental Interlocal Contract dated November 13, 2014 and Second Supplemental Interlocal Contract dated April 11, 2019 shall remain unchanged.

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

Date of Council Action

\_\_\_\_\_

City of Las Vegas

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

Attest

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

Approved as to Form

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

Date of District Action

\_\_\_\_\_

Regional Flood Control District

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

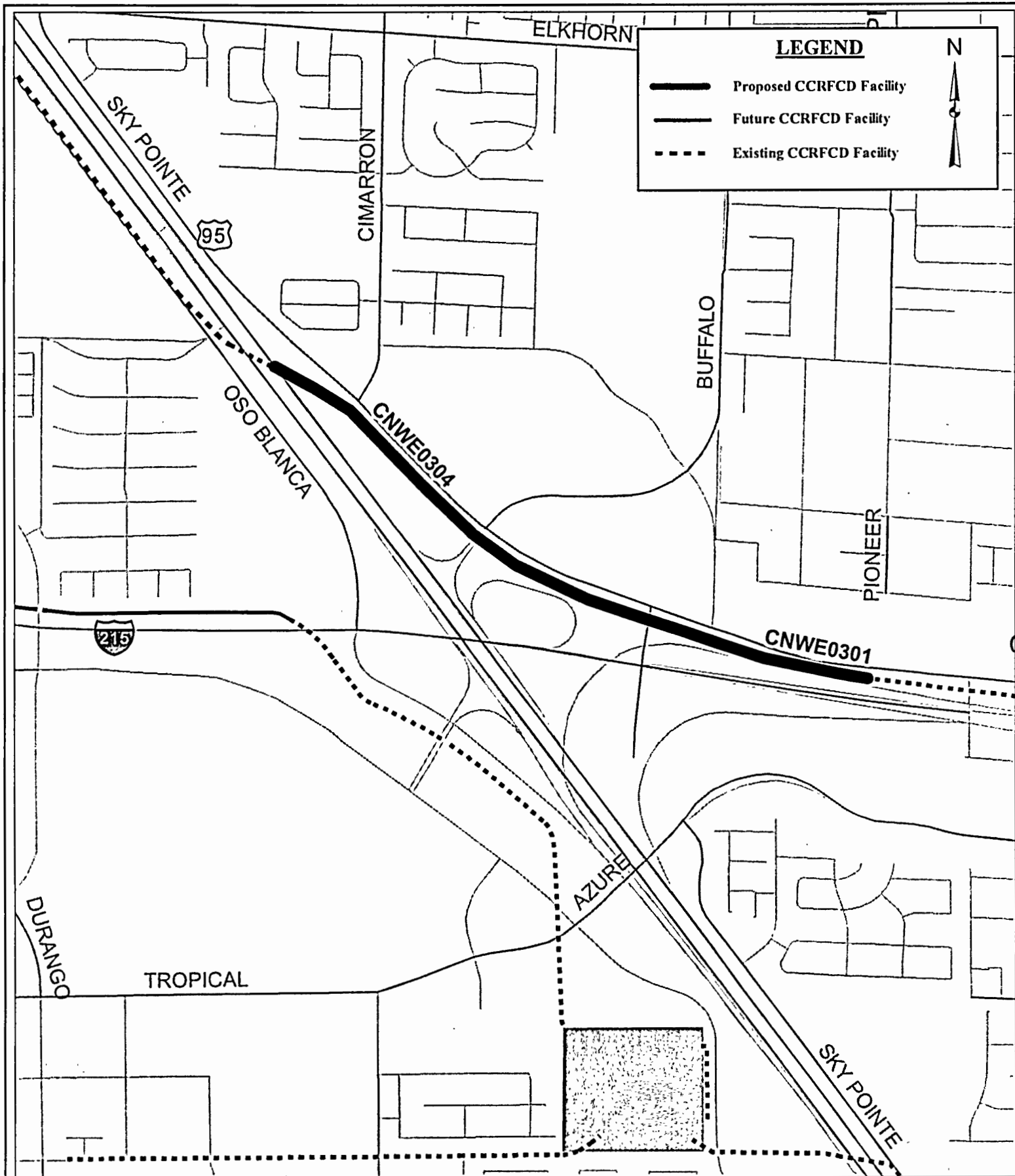
Attest

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

Approved as to Form

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





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

(LAS23E13)

SCALE: 1:12,000  
 DRAWING NAME:  
 CentennialPkwyWest\_215\_Pioneer\_95.mxd  
 DRAWN BY: C. JONES  
 DATE: 05/07/2020  
 SHEET NUMBER 1 OF 1

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

CENTENNIAL PARKWAY CHANNEL WEST – CC215, PIONEER WAY TO US95

**PETITIONER:** MIKE JANSSEN, DIRECTOR

CITY OF LAS VEGAS PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT FOR CONSTRUCTION TO EXTEND THE PROJECT COMPLETION DATE AND DECREASE PROJECT FUNDING OF THE CENTENNIAL PARKWAY CHANNEL WEST – CC215, PIONEER WAY TO US95 – LAS23F14 (FOR POSSIBLE ACTION)


**FISCAL IMPACT:**

	Current Funding	Increase/Decrease	Proposed Funding
Construction Management	\$ 1,100,000	(\$542,934)	\$ 557,066
Construction	\$12,800,000	(\$ 97,182)	\$12,702,818
Total ILC Value	\$13,900,000	(\$640,116)	\$13,259,884

**BACKGROUND:**

On November 13, 2014, the District approved an Interlocal Contract for construction and construction management associated with the Centennial Parkway Channel West – CC215, Pioneer Way to US95 Project. A First Supplemental Interlocal Contract dated September 10, 2015 decreased funding. A Second Supplemental Interlocal Contract dated May 24, 2018 extended the project completion date. A Third Supplemental Interlocal Contract dated April 11, 2019 extended the project completion date. This Fourth Supplemental Interlocal Contract will extend the project completion date from June 30, 2020 to June 30, 2021 and reduce total project funding. Additional time is necessary to closeout the project.

Respectfully submitted,

  
Mike Janssen, Director  
Department of Public Works

TAC AGENDA ITEM # 17b Date: 05/28/2020	RFCD AGENDA ITEM # Date: 06/11/2020
CAC AGENDA ITEM # 17b Date: 05/28/2020	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/18/2020

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

The City of Las Vegas has submitted a request to approve a fourth supplemental interlocal contract for construction and construction management to decrease funding in the amount of \$640,116 and extend the project completion date from June 30, 2020 to June 30, 2021 for the Centennial Parkway Channel West – CC 215, Pioneer Way to US95 project.

Additional time is needed to allow for project closeout. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$12,800,000	(\$ 97,182)	\$12,702,818
Construction Management	\$ 1,100,000	(\$542,934)	\$ 557,066
Total ILC Value	\$13,900,000	(\$640,116)	\$13,259,884

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  
#17b Date: 05/28/2020

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
#17b Date: 05/28/2020

**Recommendation:**



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

**THIS FOURTH SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_\_ day of \_\_\_\_\_, 2020 by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the City of Las Vegas hereinafter referred to as “CITY”.

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

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update as Facility Number CNWE 0301 and CNWE 0304, hereinafter referred to as “PROJECT”; and

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

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

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

**WHEREAS**, the Interlocal Contract dated November 13, 2014, First Supplemental Interlocal Contract dated September 10, 2015, Second Supplemental Interlocal Contract dated May 24, 2018 and Third Supplemental Interlocal Contract dated April 11, 2019 were entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City desires to extend the project completion date and reduce funding for the project.

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

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

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

1. Construction Management at a cost not to exceed \$557,066.
2. Construction at a cost not to exceed \$12,702,818.
3. The total cost of the contract shall not exceed \$13,259,884 which includes all of the items described in the paragraphs above.
4. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the Lead Entity is required.
5. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

**SECTION III – GENERAL, paragraphs 16 and 17 shall be revised to read as follows:**

16. The items covered in SECTION II – PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2021. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.
17. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

The remainder of the original Interlocal Contract dated November 13, 2014, First Supplemental Interlocal Contract dated September 10, 2015, Second Supplemental Interlocal Contract dated May 24, 2018 and Third Supplemental Interlocal Contract dated April 11, 2019 shall remain unchanged.

///

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

Date of Council Action

\_\_\_\_\_

City of Las Vegas

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

Attest

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

Approved as to Form

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

Date of District Action

\_\_\_\_\_

Regional Flood Control District

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

Attest

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

Approved as to Form

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





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

**(LAS23F14)**

**SCALE: 1:12,000**  
**DRAWING NAME:**  
 CentennialPkwyWest\_215\_Pioneer\_95.mxd  
**DRAWN BY: C. JONES**  
**DATE: 05/07/2020**  
**SHEET NUMBER 1 OF 1**

18. **Comments By the General Public**

This is a period devoted to comments by the general public about matters relevant to the Regional Flood Control District Technical Advisory Committee jurisdiction. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute (NRS) 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Subsequent Emergency Directives 010, 016 and 018 have extended Emergency Directive 006 to May 30, 2020.

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