

# REGIONAL FLOOD CONTROL DISTRICT



## NOTICE OF PUBLIC MEETING

### CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT BOARD OF DIRECTORS

MAY 21, 2020  
8:30 A.M.

**On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. 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 Board of Directors on May 21, 2020.**

The meeting of the Clark County Regional Flood Control District Board of Directors 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 Board of Directors 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, which includes exceptions to Open Meeting Law, it is hereby noted that this meeting agenda has been properly noticed and posted at the following locations:

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

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

By: Deanna Hughes  
Deanna Hughes

1. **Comments By the General Public**

This is a period devoted to comments by the general public about items on **this** agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute 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 comment was accepted via email. Those comments will be read into the record and will become part of the written record.



# REGIONAL FLOOD CONTROL DISTRICT



**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT  
BOARD OF DIRECTORS  
MAY 21, 2020  
8:30 A.M.**

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

## **I. Call to Order**

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

This is a period devoted to comments by the general public about items on **this** agenda. On March 22, 2020, the State of Nevada Executive Department issued Declaration of Emergency Directive 006, which suspends the requirement contained in Nevada Revised Statute 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. 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 comment was accepted via email. 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. Discuss the General Manager's Monthly Report

## **II. \*\*\*Consent Agenda – Items #04 through #09 are considered by the Regional Flood Control District to be routine and may be acted upon in one motion. However, the Board of Directors may discuss any consent item individually if requested by a Board member or a citizen when the consent agenda is considered for approval. Items considered for approval include the staff recommendation.**

### **Administration**

4. Action to approve the minutes of the April 9, 2020 meeting (*For possible action*)



5. Action to accept the financial reports *(For possible action)*
6. Action to adopt amendments to the Ten-Year Construction Program *(For possible action)*
7. Action to approve the third of three renewal options for a one year extension to the Joinder Agreement with the City of Las Vegas for an aerial video and data collection program for the term of July 1, 2020 through June 30, 2021 *(For possible action)*
8. Action to approve and authorize the Chair to sign a Memorandum of Agreement between the National Weather Service (NWS) and the Regional Flood Control District for retrieval of data necessary and essential for the accurate and timely issuances of flash flood and severe thunderstorm warnings for the citizens of Clark County *(For possible action)*
9. Action to accept the Maintenance Work Program Third Quarter Fiscal Year 2019-20 status reports as submitted by the entities *(For possible action)*

**\*\*\* End of Consent Agenda**

**III. Discussion Items**

**Design and Construction**

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

**Administration**

12. 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*)

13. **Comments By the General Public**

A period devoted to comments by the general public about matters relevant to the Regional Flood Control District Board of Directors jurisdiction will be held. No vote may be taken on a matter not listed on the posted 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 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 comment was accepted via email. Those comments will be read into the record and will become part of the written record.

All comments by speakers should be relevant to the Regional Flood Control District Board of Directors action and jurisdiction.

# REGIONAL FLOOD CONTROL DISTRICT



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

## BOARD OF DIRECTORS

**Lawrence L. Brown, III**  
Chair  
Clark County

**Mayor Debra March**  
Vice-Chair  
City of Henderson

**George Gault**  
City of Mesquite

**James B. Gibson**  
Clark County

**Mayor Carolyn Goodman**  
City of Las Vegas

**Stavros Anthony**  
City of Las Vegas

**Isaac Barron**  
City of North Las Vegas

**Mayor Kieman McManus**  
City of Boulder City

MEMORANDUM  
MAY 21, 2020

TO: BOARD OF DIRECTORS

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

DATE: May 13, 2020

## I. Call to Order

### 1. Comments By the General Public

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

The agenda is in order for approval.

### 3. Discuss the General Manager's Monthly Report

Receive the General Manager's report.

II. ***\*\*\*Consent Agenda – Items #04 through #09 are considered by the Regional Flood Control District to be routine and may be acted upon in one motion. However, the Board of Directors may discuss any consent item individually if requested by a Board member or a citizen when the consent agenda is considered for approval. Items considered for approval include the staff recommendation.***

## Administration

### 4. Action to approve the minutes of the April 9, 2020 meeting (*For possible action*)

The minutes are in order for approval.

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

The financial reports are in order for acceptance.





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

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).

**7. Action to approve the third of three renewal options for a one year extension to the Joinder Agreement with the City of Las Vegas for an aerial video and data collection program for the term of July 1, 2020 through June 30, 2021 (*For possible action*)**

On August 11, 2016, the District Board of Directors authorized the General Manager to Joinder onto City of Las Vegas' Contract No. 160074-TF with AviSight LLC, for an aerial video and data collection program.

Per the Joinder Agreement, AviSight shall provide goods and services for aerial video and data, and employ their aircraft, cameras and distribution systems to provide good and services that include, but are not limited to:

- Inspections of Infrastructures, facilities and properties;
- Emergency aerial video and data support services;
- 3D modeling, and topographical mapping;
- Video and data delivery including real time streaming and retrieval of data;
- Imagery analysis;
- Small Unmanned Aerial Systems (sUAS) operations; and
- sUAS Drone training/consultation (Training).

Pursuant to SECTION B-5, Performance Period of the Joinder Agreement, the District wishes to exercise the third of three renewal options for one additional year for the period covered July 1, 2020 to June 30, 2021.

The fiscal year budget approved on April 9, 2020 includes adequate appropriations to support this request. The term of this agreement is from July 1, 2020 through June 30, 2021. A written notification to



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AviSight approving the one-year extension is ready for approval and signature. Staff recommends the Board approve this one year extension.

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*)**

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

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

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

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



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Clark County Regional Flood Control District  
Board of Directors Meeting of May 21, 2020  
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**9. Action to accept the Maintenance Work Program Third Quarter Fiscal Year 2019-20 status reports as submitted by the entities (For possible action)**

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. Staff recommends that the Board accept the reports.

**\*\*\* End of Consent Agenda**

**III. Discussion Items**

**Design and Construction**

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

**a. Action to accept the project presentation**

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

Representatives from the design consultant, WSP, and Clark County staff will be available to respond to any questions following the brief presentation. Staff, TAC and CAC recommends accepting the project presentation.

**b. Action to approve and authorize the Chair to sign the interlocal contract for construction**





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

With the total project construction cost of \$3.3 million, approximately 40 jobs will be created or sustained with this project.

This project is included in Year 1 of the Ten-Year Construction Program. The District Attorney has reviewed the contract. Staff, TAC and CAC recommend approval subject to approval of the Ten-Year Construction Program Amendment item on this agenda.

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

**a. Action to accept the project presentation**

The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Number FLBN 0170, 0180, 0205, 0275 and 0280 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18’ x 8’ RCB, 12’ x 6’ RCB, 9’ x 8’ RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12’ x 5’ RCB, 6’ x 5’ RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue.

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



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Clark County Regional Flood Control District  
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Representatives from the City of Las Vegas will be available to respond to any questions following the brief presentation. Staff, TAC and CAC recommends accepting the project presentation.

**b. Action to approve and authorize the Chair to sign the interlocal contract for construction**

The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Number FLBN 0170, 0180, 0205, 0275 and 0280 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District's Ten-Year Construction Program with design scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18' x 8' RCB, 12' x 6' RCB, 9' x 8' RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12' x 5' RCB, 6' x 5' RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue.

With the total project construction cost of \$38.0 million, approximately 452 jobs will be created or sustained with this project.

This project is included in Year 1 of the Ten-Year Construction Program. The District Attorney has reviewed the contract. Staff, TAC and CAC recommend approval subject to approval of the Ten-Year Construction Program Amendment item on this agenda.

**Administration**

**12. 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)**

In May of 2019, the Nevada Division of Environmental Protection



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

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

**13. Comments By the General Public**

Respectfully submitted,

Steven C. Parrish, P.E.

General Manager/Chief Engineer



**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**GENERAL MANAGER'S MONTHLY REPORT**

**RECOMMENDATION SUMMARY**

**STAFF:** Receive the report.

**TECHNICAL ADVISORY:** The Technical Advisory Committee did not hear this item.

**CITIZENS ADVISORY:** The Citizens Advisory Committee did not hear this item.

**RFCD AGENDA  
ITEM #03  
DATE: 05/21/2020**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

<b>SUBJECT:</b>  GENERAL MANAGER'S MONTHLY REPORT
<b>PETITIONER:</b>  STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
<b>RECOMMENDATION OF PETITIONER:</b>  DISCUSS GENERAL MANAGER'S MONTHLY REPORT

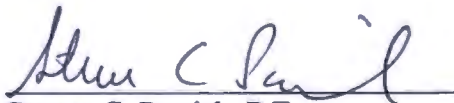
**FISCAL IMPACT:**

None.

**BACKGROUND:**

In the General Manager's report, the District will report on prior months accomplishments relating to District activities.

Respectfully submitted,



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

RFCD AGENDA  
ITEM #03  
Date: 05/21/2020

052120 GM Report-item

**MINUTES**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**BOARD OF DIRECTORS**  
**APRIL 9, 2020**  
**8:30 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.*

**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 241.023(1)(b) that there be a physical location designated for meetings of public bodies where the public can attend and participate. Pursuant to Directive 006, 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 Board of Directors on April 9, 2020. The meeting of the Clark County Regional Flood Control District Board of Directors was available to livestream at the following link <https://www.ccrfd.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/>).

**MEMBERS PRESENT:** Lawrence L. Brown, III, Chair, Clark County  
Debra March, Vice-Chair, City of Henderson  
Jim Gibson, Clark County  
George Gault, City of Mesquite  
Stavros Anthony, City of Las Vegas  
Carolyn G. Goodman, City of Las Vegas  
Kiernan McManus, City of Boulder City  
Isaac Barron, City of North Las Vegas

**MEMBERS ABSENT:** None

**STAFF:** Steven C. Parrish, General Manager/Chief Engineer  
Andrew Trelease, Assistant General Manager  
Christopher Figgins, Chief Deputy District Attorney  
Jeanine Pitts-Dilworth, Administrative Services Director  
Abigail Mayrena, Principal Civil Engineer  
Jessica Butte, Fiscal Services Administrator  
Deanna Hughes, Administrative Services Administrator



**INTERESTED PARTIES:** None

**I. Call to Order**

**Commissioner Lawrence Brown called the meeting to order at 8:30 a.m. through the virtual hosted meeting on <https://www.ccrfcd.org/stream.htm>.**

**1. Comments By the General Public**

Ms. Hughes 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)***

**Upon a motion by Mayor March, the agenda was approved.**

**VOTE: 8 AYES – 0 NAYS**

**3. Discussion and possible action to reschedule the May 14, 2020 Board meeting or take action as deemed appropriate *(For possible action)***

**Upon a motion by Mayor March, the action to reschedule the May 14, 2020 Board meeting to May 21, 2020 was approved.**

**VOTE: 8 AYES – 0 NAYS**

**II. *\*\*\*Consent Agenda – Items #04 through #10 are considered by the Regional Flood Control District to be routine and may be acted upon in one motion. However, the Board of Directors may discuss any consent item individually if requested by a Board member or a citizen when the consent agenda is considered for approval. Items considered for approval include the staff recommendation.***

**Administration**

**4. Action to approve the minutes of the March 12, 2020 meeting *(For possible action)***

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

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

7. Action to approve and authorize the General Manager to sign an Internet Service Provider Agreement with Cox Business Services (CBS) *(For possible action)*

**Design and Construction**

8. Action to approve and authorize the Chair to sign the FY 2019-2020 first supplemental interlocal contract for maintenance to increase funding – City of Henderson *(For possible action)*
9. Action to approve and authorize the Chair to sign the supplemental interlocal contracts for design and construction to extend the project completion date and add a line item for entity labor costs for the following projects *(For possible action)*
  - a. Second Supplemental: Flamingo – Boulder Highway North, Charleston – Main Street to Maryland Parkway – City of Las Vegas
  - b. Third Supplemental: Centennial Parkway Channel West – US95, CC215 to Grand Teton and US95 Crossing at Kyle Canyon Road – City of Las Vegas
  - c. Second Supplemental: Gowan North – El Capitan Branch, Ann Road to Centennial Parkway – City of Las Vegas
10. Action to approve and authorize the Chair to sign the third supplemental interlocal contract for design to increase funding and add a line item for entity design labor costs for Flamingo – Boulder Highway North, Charleston – Boulder Hwy to Maryland Parkway and Maryland Parkway System – City of Las Vegas *(For possible action)*

**Upon a motion by Mayor March, the consent agenda was approved.**

**VOTE: 8 AYES – 0 NAYS**

**\*\*\* End of Consent Agenda**

**III. Discussion Items**

**Design and Construction**

11. Duck Creek Haven Street Storm Drain – Clark County *(For possible action)*
  - a. Action to accept the project presentation

Andrew Trelease, Regional Flood Control District’s Assistant General Manager, made a project presentation.

Staff recommends acceptance of the project presentation.

**Mayor March moved to accept the project presentation.**

**VOTE: 8 AYES – 0 NAYS**

- b. Action to approve and authorize the Chair to sign the interlocal contract for construction

Mr. Parrish stated this is an interlocal contract in the amount of \$5,116,417 for construction, construction management and entity labor costs. Staff recommends approval.

**Mayor March moved to follow staff recommendation.**

**VOTE: 8 AYES – 0 NAYS**

### **Administration**

12. Action to approve the Fiscal Year 2020-2021 budget and authorize the General Manager to request the Clark County Chief Financial Officer to submit the budget to the State on behalf of the District; or take any action deemed appropriate (***For possible action***)

Jessica Butte, Regional Flood Control District's Fiscal Services Administrator, made a project presentation.

Mr. Parrish, as a follow-up to the budget presentation, stated that the District recognizes that the estimate for Sales Tax Revenue in the next fiscal year is probably optimistic given the rapidly changing economic conditions we are experiencing. This assumption is used to develop that revenue estimate. If the downturn is relatively short in duration then revenues will begin to recover towards the end of the fiscal year. This was completed so the District will have the authority to expend those funds should they become available and continue funding new projects. If, however, the recovery is not quick and resources are lower, we do have flexibility in our program, and we will be able to adjust expenditures based on the lower resources. Our largest expenditure in the budget is for the capital improvement projects. We can meter funding for new construction projects to help us weather this downturn. So, in summary, this budget as it is presented will give us the authority to expend those funds should we receive them. As mentioned, we have the flexibility in our program



to adjust expenditures as needed should resources be lower than what was presented in this budget.

Mayor March commented that we recognize the issues because we are dealing with the same challenges in each of our municipalities, and we will work closely with the Flood Control District to address their concerns as we go along.

Mayor Goodman requested an explanation of where are the resources for the Pay-As-You-Go funding?

Ms. Butte responded those come directly from Sales Tax Revenues. Some of them are already sitting in our fund balances and the projects already have monies encumbered.

Mayor Goodman asked, do we have or is there in place a reserve set-aside in order for construction projects to be completed.

Mr. Parrish responded that every project under construction now, the funds have been approved and have been reserved to pay for that project. So, any project currently approved, including the one today, the funds are in the bank and ready to be spent. No construction projects that have been funded will be delayed.

Mayor Goodman commented she approves the budget subject to a great reservation about Sales Tax Revenues. She thinks it is very optimistic what the District has presented, due to the rumors being heard nationally. We have never experienced a shut down in our lives or in this country.

Mr. Parrish responded we understand that concern and feel like we have the tools necessary in the way we do business to be able to adjust our expenditures based on actual revenues coming in. While the Sales Tax is showing high in the budget, this will give us the authority to expend that funding if it does become available. This will also ensure that we don't overspend the resources we are receiving. We will monitor the Sales Tax Revenues when they come in.

Ms. Butte also commented that we do have adequate controls in place to make sure that actual expenditures do not exceed actual resources.

**Mayor March moved to follow staff recommendation.**

**VOTE: 8 AYES – 0 NAYS**

Mr. Parrish wanted to confirm that the motion included the Board accept this tentative budget as the final budget and request the Clark County Chief Financial Officer to submit the budget to the State on behalf of the District.

**Mayor March confirmed, yes, the motion included this recommendation.**

13. **Comments By the General Public**

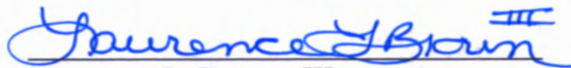
Ms. Hughes read into the record there was no response to the call for Comments By the General Public submitted via email to [publiccomment@regionalflood.org](mailto:publiccomment@regionalflood.org).

**ADJOURNMENT**

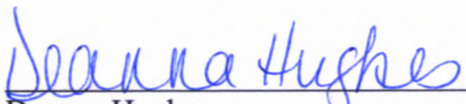
The meeting adjourned at 9:04 a.m.

Respectfully submitted,

  
\_\_\_\_\_  
Steven C. Parrish  
General Manager/Chief Engineer

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

Attest May 21, 2020

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

/dmh

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**FINANCIAL REPORTS – MARCH 2020**

**RECOMMENDATION SUMMARY**

**STAFF:** Accept the reports.

**TECHNICAL ADVISORY:** Accept the reports.

**CITIZENS ADVISORY:** Accept the reports.

**RFCD AGENDA  
ITEM #05  
DATE: 05/21/2020**



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

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

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

TAC AGENDA ITEM # 4 DATE: 04/30/2020	RFCD AGENDA ITEM # 05 DATE: 05/21/2020
CAC AGENDA ITEM # 4 DATE: 04/30/2020	

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Respectfully submitted,

  
 Jeanine Pitts-Dilworth  
 Administrative Services Director

TAC AGENDA ITEM # 4 DATE: 04/30/2020	RFCD AGENDA ITEM # 05 DATE: 05/21/2020
CAC AGENDA ITEM # 4 DATE: 04/30/2020	

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

BEGINNING CASH BALANCE:		\$ 15,024,934.57	
Accruals/Adjustments			
		<hr/>	
	TOTAL BEGINNING BALANCE		\$ 15,024,934.57
REVENUES:			
Sales Tax Revenue (Collected January 2020)		9,225,738.25	
Interest Earnings		17,140.26	
Fund 4430 - Transfer In Interest Earnings		61,538.46	
Build America Bonds Rebate		-	
Sale of Materials		20,425.00	
Miscellaneous Other Revenue		-	
Petty Cash Reimbursements		-	
Miscellaneous Accruals/Adjustments		15,149.86	
		<hr/>	
	TOTAL REVENUES		\$ 9,339,991.83
EXPENDITURES:			
Salaries & Benefits		(389,422.79)	
Services & Supplies		(38,981.42)	
Professional Services		(69,500.35)	
Capital Expenditures		-	
Fund 2870 - Transfer Out Maintenance Work Program		(900,000.00)	
Fund 3300 - Transfer Out Debt Service		(3,695,862.51)	
Fund 4430 - Transfer Out Budgeted Transfers		(3,810,000.00)	
Accruals/Adjustments			
Accounts Payable		-	
Miscellaneous Accruals/Adjustments		65,234.61	
		<hr/>	
	TOTAL EXPENSES		\$ (8,838,532.46)
ENDING CASH BALANCE:			\$ <u>15,526,393.94</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	\$ 69,841,097.69	N/A	\$ 43,591,553.31	38%
Other Sources	<u>800,000.00</u>	<u>553,846.14</u>	<u>N/A</u>	<u>246,153.86</u>	<u>31%</u>
<b>TOTAL</b>	<b>\$ 114,232,651.00</b>	<b>\$ 70,394,943.83</b>	<b>N/A</b>	<b>\$ 43,837,707.17</b>	<b>38%</b>

EXPENDITURES/TRANSFERS

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

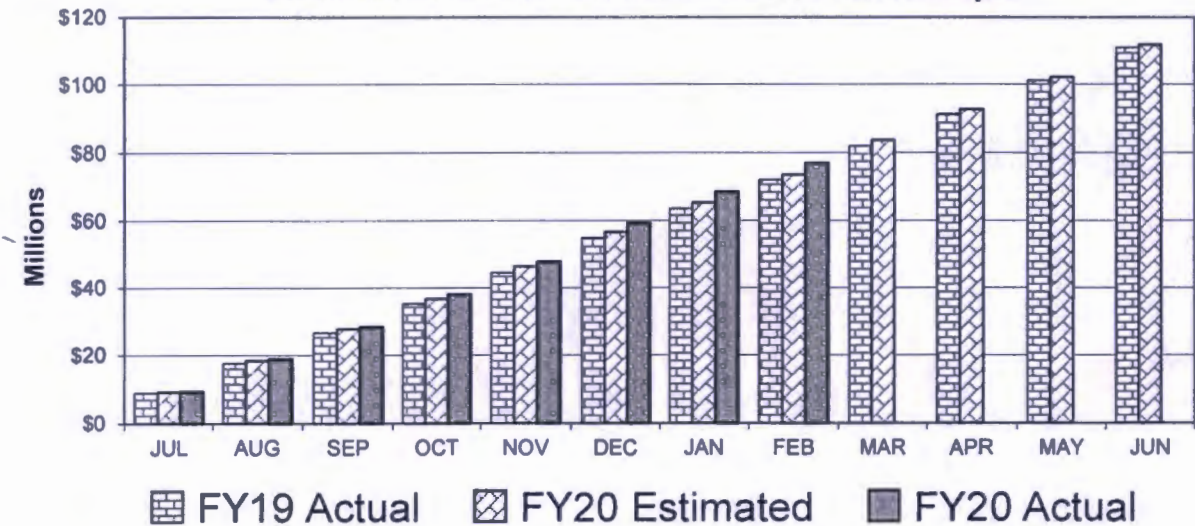
Notes:

- (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			
<b>TOTAL:</b>	<b>\$ 111,900,000.00</b>	<b>\$ 76,844,591.52</b>	<b>\$ 3,280,630.60</b>	<b>4.46%</b>

**Estimated vs Actual Cumulative Sales Tax Receipts**



**Schedule of Monthly Expenditures - Summary**  
**Fund 2860 - Operating Fund**  
**3/1/2020 to 3/31/2020**

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



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

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

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

**Fiscal Year - 2020**

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

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

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF NORTH LAS VEGAS	RF.NL06	353129	03/09/2020	4500306668	03/24/2020	\$462.36
CITY OF NORTH LAS VEGAS	RF.NL07	353129	03/09/2020	4500306668	03/24/2020	\$21,936.65
CITY OF NORTH LAS VEGAS	RF.NL07	353129	03/09/2020	4500306668	03/24/2020	\$698.92
CITY OF NORTH LAS VEGAS	RF.NL07	353129	03/09/2020	4500306668	03/24/2020	\$27,439.91
CITY OF NORTH LAS VEGAS	RF.NL08	353129	03/09/2020	4500306668	03/24/2020	\$376.64
CITY OF NORTH LAS VEGAS	RF.NL10	353129	03/09/2020	4500306668	03/24/2020	\$26,824.62
CITY OF NORTH LAS VEGAS	RF.NL11	353129	03/09/2020	4500306668	03/24/2020	\$2,829.00
CITY OF NORTH LAS VEGAS	RF.NL12	353129	03/09/2020	4500306668	03/24/2020	\$36,303.53
CITY OF NORTH LAS VEGAS	RF.NL12	353129	03/09/2020	4500306668	03/24/2020	\$3,890.37
CITY OF NORTH LAS VEGAS	RF.NL12	353129	03/09/2020	4500306668	03/24/2020	\$27,441.27
CITY OF NORTH LAS VEGAS	RF.NL13	353129	03/09/2020	4500306668	03/24/2020	\$2,240.28
CITY OF NORTH LAS VEGAS	RF.NL13	353129	03/09/2020	4500306668	03/24/2020	\$274.04
CITY OF NORTH LAS VEGAS	RF.NL14	353129	03/09/2020	4500306668	03/24/2020	\$479.24
CITY OF NORTH LAS VEGAS	RF.NL16	353129	03/09/2020	4500306668	03/24/2020	\$6,159.55
CITY OF NORTH LAS VEGAS	RF.NL18	353129	03/09/2020	4500306668	03/24/2020	\$26,824.62
CITY OF NORTH LAS VEGAS	RF.NL18	353129	03/09/2020	4500306668	03/24/2020	\$3,512.54
WESTWOOD PROFESSIONAL SERVICES INC	RF.HN68	1200200166	02/14/2020	4500306669	03/16/2020	\$3,640.88
<b>Total Expenditures</b>						<b>\$328,881.48</b>
<b>Grand Total</b>						<b>\$328,881.48</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	\$62,020.93	\$176,479.07
RF.BC02	Georgia/Buchanan Watershed	\$95,350.00	\$5,549.36	\$89,800.64
RF.BC03	North Railroad Watershed	\$31,150.00	\$14,304.19	\$16,845.81
RF.BC04	West Airport Watershed	\$35,000.00	\$1,006.29	\$33,993.71
		<b>\$400,000.00</b>	<b>\$82,880.77</b>	<b>\$317,119.23</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	\$594,600.00	\$308,018.90	\$286,581.10
RF.CC02	Las Vegas Wash	\$300,000.00	\$126,128.94	\$173,871.06
RF.CC03	Duck Creek	\$425,500.00	\$83,391.34	\$342,108.66
RF.CC05	Las Vegas Range Wash	\$430,000.00	\$143,663.71	\$286,336.29
RF.CC06	Tropicana Wash	\$200,000.00	\$22,361.20	\$177,638.80
RF.CC07	Airport Channel	\$35,000.00	\$5,727.94	\$29,272.06
RF.CC08	Monson Channel	\$1,854,700.00	\$15,394.02	\$1,839,305.98
RF.CC09	Rawhide Channel	\$40,000.00	\$3,046.41	\$36,953.59
RF.CC10	Van Buskirk Channel	\$42,000.00	\$21,524.13	\$20,475.87
RF.CC11	Flamingo Wash North Fork	\$20,000.00	\$2,005.37	\$17,994.63
RF.CC14	Laughlin Washes	\$39,500.00	\$3,109.88	\$36,390.12
RF.CC15	Moapa Valley	\$90,000.00	\$573.72	\$89,426.28
RF.CC16	Blue Diamond Wash	\$100,300.00	\$34,963.32	\$65,336.68
RF.CC17	Searchlight	\$7,600.00	\$367.71	\$7,232.29
RF.CC18	Bunkerville	\$10,000.00	\$1,759.88	\$8,240.12
RF.CC19	Pittman Wash	\$41,500.00	\$2,832.45	\$38,667.55
RF.CC20	Indian Springs	\$10,000.00	\$1,178.01	\$8,821.99
RF.CC21	Northern Beltway Channels	\$34,000.00	\$2,046.09	\$31,953.91
		<b>\$4,274,700.00</b>	<b>\$778,093.02</b>	<b>\$3,496,606.98</b>

**Henderson**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN65	C1 North	\$1,948,660.67	\$221,115.84	\$1,727,544.83
RF.HN66	C1 South	\$93,267.79	\$20,209.79	\$73,058.00
RF.HN67	Pittman Central NE	\$145,300.00	\$29,238.33	\$116,061.67
RF.HN68	Pittman Central SE	\$632,500.00	\$75,959.96	\$556,540.04
RF.HN69	Pittman Central NW	\$731,633.13	\$355,536.50	\$376,096.63
RF.HN70	Pittman Central SW	\$80,151.13	\$15,230.67	\$64,920.46
RF.HN71	Pittman Anthem Inspirada	\$114,890.00	\$20,656.33	\$94,233.67
RF.HN72	Pittman Seven Hills	\$81,797.28	\$17,540.96	\$64,256.32
RF.HN73	Pittman West Henderson	\$22,500.00	\$5,781.33	\$16,718.67
		<b>\$3,850,700.00</b>	<b>\$761,269.71</b>	<b>\$3,089,430.29</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	\$30,274.69	\$69,725.31
RF.LV52	Gowan/Angel Pk/Lone Mtn System	\$462,000.00	\$25,223.16	\$436,776.84
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	\$100,000.00	\$2,638.33	\$97,361.67



**Regional Flood Control District**

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

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV54	Las Vegas Wash System	\$938,000.00	\$638,650.96	\$299,349.04
RF.LV55	Meadows/Oakey System	\$100,000.00	\$3,408.25	\$96,591.75
RF.LV56	Washington Ave/LV Creek	\$77,000.00	\$10,295.91	\$66,704.09
RF.LV57	US95/Outer Beltway/Ann Road System	\$1,048,000.00	\$1,047,594.12	\$405.88
		<b>\$2,825,000.00</b>	<b>\$1,758,085.42</b>	<b>\$1,066,914.58</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	\$1,093.40	\$17,906.60
RF.ME02	Abbott Wash Channel	\$14,300.00	\$655.88	\$13,644.12
RF.ME04	Town Wash Detention Basin	\$617,400.00	\$550,695.88	\$66,704.12
RF.ME07	Pulsipher Wash	\$29,400.00	\$179.60	\$29,220.40
RF.ME08	Abbott Wash Detention Basin	\$60,000.00	\$1,662.65	\$58,337.35
RF.ME09	Pulsipher Wash Detention Basin	\$29,700.00	\$1,356.25	\$28,343.75
		<b>\$769,800.00</b>	<b>\$555,643.66</b>	<b>\$214,156.34</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	\$26,014.61	\$49,060.39
RF.NL02	Las Vegas Wash-Middle	\$151,435.35	\$55,351.85	\$96,083.50
RF.NL03	LV Wash-King Charles Channel	\$87,206.65	\$36,003.22	\$51,203.43
RF.NL04	Vandenberg Detention Basin	\$221,524.94	\$29,416.43	\$192,108.51
RF.NL05	North Las Vegas Detention Basin	\$131,999.90	\$28,931.66	\$103,068.24
RF.NL06	Upper LVW DB & Moccasin Levee	\$59,022.11	\$10,005.14	\$49,016.97
RF.NL07	Carey/Lake Mead Detention Basin	\$302,435.40	\$210,938.02	\$91,497.38
RF.NL08	Gowan Outfall Channel	\$59,669.71	\$559.60	\$59,110.11
RF.NL10	Upper Las Vegas Wash	\$49,886.16	\$34,697.10	\$15,189.06
RF.NL11	Clayton Street Channel	\$56,071.00	\$17,570.34	\$38,500.66
RF.NL12	Lower Las Vegas Detention Basin	\$212,806.62	\$94,266.46	\$118,540.16
RF.NL13	West Trib-Ranch House to Lower LV DB	\$64,571.00	\$14,268.85	\$50,302.15
RF.NL14	Trib to Western Trib @ Craig Rd	\$51,696.38	\$3,566.74	\$48,129.64
RF.NL15	Las Vegas Wash-Smoke Ranch	\$53,071.00	\$11,759.76	\$41,311.24
RF.NL16	Upper Las Vegas Wash Channel	\$99,571.00	\$34,687.31	\$64,883.69
RF.NL17	Range Wash-LVW Diversion & Levee	\$52,320.59	\$620.85	\$51,699.74
RF.NL18	Cheyenne Peaking Basin	\$106,137.19	\$68,366.16	\$37,771.03
		<b>\$1,834,500.00</b>	<b>\$677,024.10</b>	<b>\$1,157,475.90</b>

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

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

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

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

BEGINNING CASH BALANCE:

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

REVENUES:

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

EXPENDITURES:

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

ENDING CASH BALANCE:

Cash in Custody of Treasurer	124,303,447.97
Custodial Account Cash Balance	124,876,537.02
	<hr/>

ENDING CASH BALANCE: \$ 249,179,984.99



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

**Fund 4430**

**Fiscal Year 2020**

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



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

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>P.O. Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF NORTH LAS VEGAS	RF.NLV17D18	10076	03/05/2020	4800009056 00010	03/24/2020	\$46,871.32
CITY OF NORTH LAS VEGAS	RF.NLV17D18	10076	03/05/2020	4800009056 00020	03/24/2020	\$1,280.69
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10074	03/18/2020	4800009412 00010	03/24/2020	\$436,620.43
CITY OF NORTH LAS VEGAS	RF.NLV03J19	10074	03/18/2020	4800009412 00020	03/24/2020	\$174,491.70
CITY OF NORTH LAS VEGAS	RF.NLV03K19	10072	03/18/2020	4800009490 00020	03/24/2020	\$221.51
CITY OF NORTH LAS VEGAS	RF.NLV09K19	10071	03/05/2020	4800009476 00010	03/24/2020	\$498.91
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1520099652	03/09/2020	none	03/09/2020	\$598.40
PUBLIC WORKS/CC TREAS	RF.CLA08S13	1520099652	03/09/2020	none	03/09/2020	\$4,440.40
PUBLIC WORKS/CC TREAS	RF.CLA36A18	1520099656	03/09/2020	none	03/09/2020	\$38,822.02
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1520107596	03/27/2020	none	03/27/2020	\$2,019.24
PUBLIC WORKS/CC TREAS	RF.MOA03A11	1520099657	03/09/2020	none	03/09/2020	\$38.50
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1520097520	03/03/2020	none	03/03/2020	\$17,263.87
PUBLIC WORKS/CC TREAS	RF.LAU04B17	1520097521	03/03/2020	none	03/03/2020	\$745.00
PUBLIC WORKS/CC TREAS	RF.LAU04B17	1520101554	03/13/2020	none	03/13/2020	\$20,630.00
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053132	03/30/2020	none	03/30/2020	\$1,236.39
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053132	03/30/2020	none	03/30/2020	\$347.43
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053132	03/30/2020	none	03/30/2020	\$1,273.91
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053132	03/30/2020	none	03/30/2020	\$579.05
REGIONAL FLOOD CONTROL	RF.LAS24J15	1020053132	03/30/2020	none	03/30/2020	\$694.86
REGIONAL FLOOD CONTROL	RF.LAS24M17	1020053132	03/30/2020	none	03/30/2020	(\$1,236.39)
REGIONAL FLOOD CONTROL	RF.LAS24M17	1020053132	03/30/2020	none	03/30/2020	(\$694.86)
REGIONAL FLOOD CONTROL	RF.LAS24M17	1020053132	03/30/2020	none	03/30/2020	(\$579.05)
REGIONAL FLOOD CONTROL	RF.LAS24M17	1020053132	03/30/2020	none	03/30/2020	(\$1,273.91)
REGIONAL FLOOD CONTROL	RF.LAS24M17	1020053132	03/30/2020	none	03/30/2020	(\$347.43)
VTN NEVADA	RF.HEN16A01	#7520#73	02/15/2020	4800006059 00020	03/31/2020	\$1,170.00
<b>Fiscal Year Total</b>						<b>\$2,763,266.28</b>
<b>Fund Total</b>						<b>\$2,763,266.28</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
<b>Total</b>	<b>\$2,980,000.00</b>	<b>\$2,575,702.59</b>	<b>\$404,297.41</b>

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
<b>Total</b>	<b>\$535,000.00</b>	<b>\$6,945.73</b>	<b>\$528,054.27</b>

CLA08R13

Duck Creek, Las Vegas Boulevard

Interlocal Amount \$485,000.00

Original Funding Date 09/12/2013

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$22,000.00	\$36,818.53	(\$14,818.53)
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$463,000.00	\$378,113.81	\$84,886.19
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$485,000.00</b>	<b>\$414,932.34</b>	<b>\$70,067.66</b>

## Current Project Expense Summary

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

**CLA08S13**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$31,000.00	\$35,477.29	(\$4,477.29)
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,248,000.00	\$1,095,816.87	\$152,183.13
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$81,000.00	\$33,999.86	\$47,000.14
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$10,000.00	\$0.00	\$10,000.00
<b>Total</b>	<b>\$1,370,000.00</b>	<b>\$1,165,294.02</b>	<b>\$204,705.98</b>

**CLA10F10**

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

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

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

**CLA10H13**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$1,088.00	\$912.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,151,000.00	\$549,521.69	\$601,478.31
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$47,000.00	\$17,782.00	\$29,218.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,200,000.00</b>	<b>\$568,391.69</b>	<b>\$631,608.31</b>



## Current Project Expense Summary

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

**CLA10I19**

**Wagon Trail Chnl, Sunset Rd to Teco Avenue**  
**Interlocal Amount \$368,800.00**

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$50,000.00	\$0.00	\$50,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$253,800.00	\$2,367.00	\$251,433.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$50,000.00	\$0.00	\$50,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$368,800.00</b>	<b>\$2,367.00</b>	<b>\$366,433.00</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	\$5,056,605.14	\$389,394.86
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$220,000.00	\$98,774.74	\$121,225.26
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$634,000.00	\$550,857.73	\$83,142.27
<b>Total</b>	<b>\$6,322,000.00</b>	<b>\$5,721,274.90</b>	<b>\$600,725.10</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	\$0.00	\$50,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$550,000.00	\$0.00	\$550,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$635,000.00</b>	<b>\$0.00</b>	<b>\$635,000.00</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	\$379,732.39	\$1,003,137.61
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,382,870.00</b>	<b>\$379,732.39</b>	<b>\$3,003,137.61</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>

**CLA39A19**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$18,000.00	\$0.00	\$18,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$400,000.00	\$97.83	\$399,902.17
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$20,000.00	\$0.00	\$20,000.00
<b>Total</b>	<b>\$453,000.00</b>	<b>\$97.83</b>	<b>\$452,902.17</b>

## Current Project Expense Summary

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

ENTITY: Clark County Outlying

BUN01D11

Windmill Wash Detention Basin Expansion

Interlocal Amount \$880,000.00

Original Funding Date 02/10/2011

Expiration Date 06/30/2021

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

GSP01B10

Goodsprings - Phase I

Interlocal Amount \$83,400.00

Original Funding Date 03/11/2010

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$57,500.00	\$50,866.23	\$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
<b>Total</b>	<b>\$83,400.00</b>	<b>\$75,742.85</b>	<b>\$7,657.15</b>

LAU04A08

SR 163 at Casino Drive

Interlocal Amount \$528,500.00

Original Funding Date 10/09/2008

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$11,500.00	\$3,926.29	\$7,573.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$391,500.00	\$370,263.18	\$21,236.82
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$125,500.00	\$116,876.27	\$8,623.73
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$528,500.00</b>	<b>\$491,065.74</b>	<b>\$37,434.26</b>



## Current Project Expense Summary

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

**MOA01B89**

**Muddy River West Levee, Moapa Valley**

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

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$10,811,200.00	\$10,810,530.39	\$669.61
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,448,000.00	\$1,854,906.53	\$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
<b>Total</b>	<b>\$13,501,000.00</b>	<b>\$12,906,432.82</b>	<b>\$594,567.18</b>

**MOA01F10**

**Muddy River Logandale Levee**

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

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

**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$565,975.14	\$565,975.14	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$964,690.35	\$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
<b>Total</b>	<b>\$1,753,000.00</b>	<b>\$1,749,495.34</b>	<b>\$3,504.66</b>

**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
<b>Total</b>	<b>\$1,011,500.00</b>	<b>\$875,392.78</b>	<b>\$136,107.22</b>

## Current Project Expense Summary

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

**SEA02B19**

**Searchlight West - State Highway 164**

**Interlocal Amount \$500,000.00**

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

**Expiration Date 06/30/2024**

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

**SEA03B17**

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

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

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

**Expiration Date 06/30/2022**

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



## Current Project Expense Summary

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

**ENTITY: COE/Clark County**

**COEG294**

**Tropicana & Flamingo Washes**

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

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$26,846,216.04	\$26,518,772.39	\$327,443.65
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
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	\$217,396.67	\$457,353.33
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,164.00	\$77,542.00	\$48,622.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$79,471.00	\$0.00	\$79,471.00
<b>Total</b>	<b>\$934,549.00</b>	<b>\$339,930.27</b>	<b>\$594,618.73</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	\$0.00	\$0.00
<b>Total</b>	<b>\$605,788.00</b>	<b>\$6,002.61</b>	<b>\$599,785.39</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	\$1,596,062.28	\$75,306.94
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$401,827.10	\$401,827.10	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$82,517.00	\$52,236.92	\$30,280.08
<b>Total</b>	<b>\$2,264,514.00</b>	<b>\$2,158,926.98</b>	<b>\$105,587.02</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	\$844,118.73	\$355,881.27
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$25,700,000.00</b>	<b>\$24,106,644.45</b>	<b>\$1,593,355.55</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	\$0.00	\$1,346,787.00
Const Engineering	\$107,743.00	\$1,890.27	\$105,852.73
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,454,530.00</b>	<b>\$1,890.27</b>	<b>\$1,452,639.73</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	\$621,113.76	\$28,886.24
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$654,000.00</b>	<b>\$621,113.76</b>	<b>\$32,886.24</b>

**LAS16Q18**

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

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

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

**Expiration Date 01/31/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,676,189.00	\$4,203,147.80	\$473,041.20
Const Engineering	\$509,571.00	\$466,867.68	\$42,703.32
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,185,760.00</b>	<b>\$4,670,015.48</b>	<b>\$515,744.52</b>

**LAS22S13**

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

**Interlocal Amount \$533,365.00**

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

**Expiration Date 06/30/2020**

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



## Current Project Expense Summary

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

**LAS22T15**

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

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

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

**Expiration Date 12/31/2020**

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	\$532.75	\$1,095,467.25
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,100,000.00</b>	<b>\$532.75</b>	<b>\$1,099,467.25</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	\$772,705.21	\$8,772.79
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$35,000.00	\$9,330.58	\$25,669.42
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$820,478.00</b>	<b>\$782,035.79</b>	<b>\$38,442.21</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	\$279,610.54	\$478,059.46
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Entity Costs	\$100,000.00	\$0.00	\$100,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$861,670.00</b>	<b>\$279,610.54</b>	<b>\$582,059.46</b>

**LAS24M17**

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

Original Funding Date 10/12/2017

Expiration Date 09/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$8,700,500.00	\$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
<b>Total</b>	<b>\$9,630,600.00</b>	<b>\$8,839,320.65</b>	<b>\$791,279.35</b>

**LAS25B13**

Cedar Avenue Channel Improvements  
Interlocal Amount \$831,489.00

Original Funding Date 07/11/2013

Expiration Date 06/30/2021

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

## 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	\$1,495,795.82	\$177,207.18
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$19,000.00	\$0.00	\$19,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,726,003.00</b>	<b>\$1,495,795.82</b>	<b>\$230,207.18</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	\$1,994,641.35	\$824,187.65
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Entity Costs	\$60,000.00	\$0.00	\$60,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,888,829.00</b>	<b>\$1,994,641.35</b>	<b>\$894,187.65</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
<b>Total</b>	<b>\$1,529,674.00</b>	<b>\$446,714.50</b>	<b>\$1,082,959.50</b>

**LAS29E18**

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

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

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

**Expiration Date 01/31/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$28,829,533.00	\$2,192,741.82	\$26,636,791.18
Const Engineering	\$1,834,606.00	\$119,605.24	\$1,715,000.76
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$30,664,139.00</b>	<b>\$2,312,347.06</b>	<b>\$28,351,791.94</b>

**LAS30A13**

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

**Interlocal Amount \$711,938.00**

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

**Expiration Date 06/30/2022**

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



## Current Project Expense Summary

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

**LAS31A17**

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

**Interlocal Amount \$120,000.00**

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

**Expiration Date 06/30/2023**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$60,000.00	\$57,271.03	\$2,728.97
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$60,000.00	\$0.00	\$60,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$120,000.00</b>	<b>\$57,271.03</b>	<b>\$62,728.97</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>

**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>

## Current Project Expense Summary

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

**LLD19A18**

**Luning Drive Storm Drain**

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

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,201,965.00	\$0.00	\$1,201,965.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<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	\$340,388.00	\$82,600.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$116,594.75	\$68,868.75	\$47,726.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$539,582.75</b>	<b>\$409,256.75</b>	<b>\$130,326.00</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	\$185,070.64	\$700,989.36
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$157,630.00	\$0.00	\$157,630.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$163,255.00	\$0.00	\$163,255.00
<b>Total</b>	<b>\$1,433,903.00</b>	<b>\$392,348.64</b>	<b>\$1,041,554.36</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	\$571,557.36	\$250,331.64
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,081,889.00</b>	<b>\$589,674.96</b>	<b>\$492,214.04</b>

NLV03G17

Hollywood System, Centennial Pkwy-Speedway #2 DB

Interlocal Amount \$1,586,850.00

Original Funding Date 03/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$507,125.00	\$30,425.29	\$476,699.71
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,069,725.00	\$890,780.50	\$178,944.50
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,586,850.00</b>	<b>\$921,205.79</b>	<b>\$665,644.21</b>

NLV03H17

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

Interlocal Amount \$13,109,000.00

Original Funding Date 11/09/2017

Expiration Date 06/30/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$12,290,000.00	\$10,930,589.24	\$1,359,410.76
Const Engineering	\$819,000.00	\$258,255.39	\$560,744.61
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$13,109,000.00</b>	<b>\$11,188,844.63</b>	<b>\$1,920,155.37</b>

## Current Project Expense Summary

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

NLV03I18

Range Wash - Ann Branch, Phase I

Interlocal Amount \$2,668,000.00

Original Funding Date 02/08/2018

Expiration Date 12/31/2020

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,470,000.00	\$2,466,647.80	\$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
<b>Total</b>	<b>\$2,668,000.00</b>	<b>\$2,662,886.95</b>	<b>\$5,113.05</b>

NLV04K17

Gowan Outfall, Alexander Rd - Decatur to Simmons

Street

Interlocal Amount \$1,931,156.00

Original Funding Date 02/09/2017

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,921,156.00	\$1,050,584.15	\$870,571.85
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,931,156.00</b>	<b>\$1,050,584.15</b>	<b>\$880,571.85</b>

NLV09E11

Vandenberg North Detention Basin & Outfall

Interlocal Amount \$1,534,770.00

Original Funding Date 04/14/2011

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$64,673.77	\$51,961.48	\$12,712.29
Pre-Design	\$123,326.23	\$123,326.23	\$0.00
Design	\$1,220,000.00	\$1,085,278.80	\$134,721.20
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$126,770.00	\$121,770.00	\$5,000.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,534,770.00</b>	<b>\$1,382,336.51</b>	<b>\$152,433.49</b>



## 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
<b>Total</b>	<b>\$1,464,000.00</b>	<b>\$1,365,829.37</b>	<b>\$98,170.63</b>

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
<b>Total</b>	<b>\$698,289.00</b>	<b>\$0.00</b>	<b>\$698,289.00</b>

NLV17C16

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$259,088.00	\$11,422.40	\$247,665.60
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$456,991.00	\$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
<b>Total</b>	<b>\$726,079.00</b>	<b>\$407,458.71</b>	<b>\$318,620.29</b>



## Current Project Expense Summary

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

NLV17D18

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,950,000.00	\$4,555,686.30	\$394,313.70
Const Engineering	\$466,000.00	\$158,964.66	\$307,035.34
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,416,000.00</b>	<b>\$4,714,650.96</b>	<b>\$701,349.04</b>

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
<b>Total</b>	<b>\$100,000.00</b>	<b>\$0.00</b>	<b>\$100,000.00</b>

### Pay-As-You-Go Totals

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

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**ENTITY: Boulder City**

**BOU01E19**

**Hemenway System, Phase IIB Improvements**

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

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

**Expiration Date 12/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$4,284,036.00	\$0.00	\$4,284,036.00
Const Engineering	\$385,000.00	\$0.00	\$385,000.00
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<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	\$1,164,952.43	\$1,635,047.57
<b>Total</b>	<b>\$84,184,000.00</b>	<b>\$79,940,284.50</b>	<b>\$4,243,715.50</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
<b>Total</b>	<b>\$11,555,343.00</b>	<b>\$10,322,944.01</b>	<b>\$1,232,398.99</b>

**ENTITY: North Las Vegas**

**NLV03J19**

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

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

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

**Expiration Date 06/30/2022**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$18,500,000.00	\$436,620.43	\$18,063,379.57
Const Engineering	\$1,321,851.00	\$185,958.58	\$1,135,892.42
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$100,000.00	\$0.00	\$100,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$19,921,851.00</b>	<b>\$622,579.01</b>	<b>\$19,299,271.99</b>

## Current Project Expense Summary

### BOND FUNDED PROJECTS

NLV03K19

Range Wash - Ann Branch, Phase II

Interlocal Amount \$7,697,245.00

Original Funding Date 09/12/2019

Expiration Date 06/30/2022

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$7,118,510.00	\$0.00	\$7,118,510.00
Const Engineering	\$578,735.00	\$221.51	\$578,513.49
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,697,245.00</b>	<b>\$221.51</b>	<b>\$7,697,023.49</b>

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
<b>Total</b>	<b>\$16,192,926.00</b>	<b>\$0.00</b>	<b>\$16,192,926.00</b>

## 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	\$498.91	\$1,994,501.09
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$30,499,000.00</b>	<b>\$498.91</b>	<b>\$30,498,501.09</b>

### Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$183,177,560.00	\$83,464,196.54	\$99,713,363.46
Const Engineering	\$16,391,841.00	\$7,982,155.89	\$8,409,685.11
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$600,000.00	\$0.00	\$600,000.00
Other	\$2,800,000.00	\$1,164,952.43	\$1,635,047.57
<b>Total</b>	<b>\$202,969,401.00</b>	<b>\$92,611,304.86</b>	<b>\$110,358,096.14</b>
Construction Projects = 9      Design / Other Projects = 0			



## Capital Improvement Program - Open Projects Summary

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,277,894.63	\$39,867,830.10	\$4,410,064.53
Pre-Design	\$431,604.23	\$330,604.23	\$101,000.00
Design	\$50,757,110.57	\$35,443,540.07	\$15,313,570.50
Construction	\$343,569,661.00	\$185,719,188.34	\$157,850,472.66
Const Engineering	\$28,513,618.00	\$13,800,456.96	\$14,713,161.04
Environmental	\$2,805,290.36	\$1,976,496.64	\$828,793.72
Entity Costs	\$1,587,000.00	\$26,315.64	\$1,560,684.36
Other	\$13,566,904.96	\$11,431,205.33	\$2,135,699.63
<b>Total</b>	<b>\$485,509,083.75</b>	<b>\$288,595,637.31</b>	<b>\$196,913,446.44</b>
Construction Projects = 28      Design / Other Projects = 53			

### Pay-As-You-Go Totals

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

### Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$183,177,560.00	\$83,464,196.54	\$99,713,363.46
Const Engineering	\$16,391,841.00	\$7,982,155.89	\$8,409,685.11
Environmental	\$0.00	\$0.00	\$0.00
Entity Costs	\$600,000.00	\$0.00	\$600,000.00
Other	\$2,800,000.00	\$1,164,952.43	\$1,635,047.57
<b>Total</b>	<b>\$202,969,401.00</b>	<b>\$92,611,304.86</b>	<b>\$110,358,096.14</b>
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



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

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



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

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

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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA22B03	Flamingo Diversion - Jones Branch	Closed	\$1,100,000.00
CLA26C08	Flam Div - South Buffalo Branch, Flamingo Wash to Patrick Lane	Closed	\$776,336.79
CLA27C08	Flamingo Diversion - Rainbow Branch	Closed	\$980,601.33
CLA28D18	Vandenberg North DB, Collection & Outfall, Phase I	Open	\$3,765,000.00
CLA35A11	Tropicana Avenue Conveyance, LVW to Mtn. Vista	Closed	\$249,789.19
CLA36A18	Jim McGaughey DB, Collection Basin and Outfall	Open	\$3,382,870.00
CLA38C20	Duck Creek Haven Street Storm Drain	Open	\$354,000.00
CLA38D20	Duck Creek Haven Street Storm Drain	Open	\$5,116,417.00
CLA39A19	Duck Creek/Blue Diamond, Bermuda Rd to LV Blvd	Open	\$453,000.00
CLD02A11	Annie Oakley Drive at Rawhide Channel Storm Drain	Closed	\$84,203.00
CLD04A08	Twain at Pecos-McLeod Storm Drain	Closed	\$442,521.57
CLD07A07	Sunrise Area Storm Drain	Closed	\$914,982.31
CLD07B08	Carey Avenue Storm Drain	Closed	\$1,351,525.62
CLD07C10	Sunrise Ave. Storm Drain, Fogg St. to Clayton St.	Closed	\$154,935.40
CLD07D12	Toiyabe Street Storm Drain	Closed	\$0.00
CLD14A10	Tunis Ave and Karvel Street Storm Drain	Closed	\$189,391.53
CLD15A09	Olive Street Storm Drain, US-95 to Palm Street	Closed	\$800,286.13
CLD17A09	Las Vegas Blvd/Serene Ave Storm Drain	Closed	\$133,338.79
CLD19A17	Katie Avenue Storm Drain - Local Drainage Improvements	Closed	\$724,665.88
CLD20A12	Washington/Hollywood Storm Drain	Closed	\$259,862.20
CLD98A06	Hickam Avenue Storm Drain	Closed	\$465,091.07
CLD99A05	Red Coach Ave/Cimarron Rd Improvements	Closed	\$388,200.00
			<b>\$246,695,937.08</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
MOA01F10	Muddy River Logandale Levee	Open	\$1,753,000.00



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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
MOA01G11	Muddy River, Cooper Street Bridge	Closed	\$15,793,908.74
MOA01H15	Muddy River Logandale Levee	Closed	\$8,209,488.28
MOA02A89	Logan Wash (aka Benson), Moapa Valley	Closed	\$235,040.74
MOA02B92	Logan Wash Construction	Closed	\$3,510,528.60
MOA03A11	Fairgrounds Detention Basin	Open	\$1,011,500.00
NEL01A88	Nelson Flood Control Improvements	Closed	\$2,961.95
SEA01A88	Searchlight Flood Control Improvements	Closed	\$861,099.97
SEA01B99	Searchlight Flood Control Improvements	Closed	\$5,500.00
SEA02A07	Searchlight - West, US-95	Closed	\$162,000.00
SEA02B19	Searchlight West - State Highway 164	Open	\$500,000.00
SEA03A09	Searchlight - South, Encinitas St Storm Drain	Closed	\$31,272.42
SEA03B17	Searchlight-South, Encinitas St. Storm Drain	Open	\$2,530,000.00
			<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
HEN06C02	Equestrian Detention Basin Outfall	Closed	\$681,288.27



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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN06D05	C-1 Equestrian Tributary	Closed	\$227,591.57
HEN06F08	C-1 Equestrian Tributary	Closed	\$2,711,795.15
HEN06G08	Equestrian Detention Basin Outfall - Heritage Channel	Closed	\$4,200,444.03
HEN06H09	Equestrian Detention Basin Expansion	Closed	\$335,247.64
HEN06IO9	Equestrian Tributary Phase II	Closed	\$405,636.14
HEN07A96	Pittman Park Detention Basin	Closed	\$1,546,249.59
HEN07B09	Pittman Wash, UPRR to Santiago	Closed	\$843,016.21
HEN07D09	Whitney Wash Channel	Closed	\$130,264.67
HEN07E11	Pittman Wash, UPRR to Santiago	Closed	\$8,796,470.83
HEN07F18	Whitney Ranch Channel Replacement Project	Open	\$934,549.00
HEN08A96	Railroad East Detention Basin	Closed	\$6,416,341.47
HEN08B08	Pittman Railroad East Conveyance	Closed	\$444,380.89
HEN08C08	Pittman Railroad East Conveyance	Closed	\$8,518,517.91
HEN09A99	Pittman East Detention Basin (collapse with HEN09A97)	Closed	\$119,918.19
HEN09B00	Pittman Eastern Detention Basin	Closed	\$6,099,436.41
HEN09D09	Pittman Seven Hills Park Channel	Closed	\$0.00
HEN10B99	South Pittman Detention Basin	Closed	\$3,202,101.72
HEN12A99	Gibson Channel at Sunset Road	Closed	\$40,125.00
HEN12B01	Gibson Channel Culvert at Sunset Road	Closed	\$364,211.76
HEN12C02	Gibson Conveyance System	Closed	\$237,718.78
HEN12F05	Pittman Gibson, Warm Springs Road to Kelso Dunes Avenue	Closed	\$10,000.00
HEN12GO6	Pittman Wash - Burns	Closed	\$4,251,084.08
HEN12H09	Pittman Burns, Sunset to Galleria	Closed	\$770,231.86
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
HLD06B19	Chickasaw Storm Drain	Open	\$1,999,964.00

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

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



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

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

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



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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS30A13	Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard	Open	\$711,938.00
LAS31A17	LVW-Moccasin, Skye Canyon Park to Upper LVW	Open	\$120,000.00
LAS31B18	LVW - Moccasin, Skye Canyon Park to Upper LVW	Open	\$15,393,582.00
LLD04A03	Holmby Channel	Closed	\$621,698.68
LLD04B07	Oakey Boulevard & Tenaya Way Storm Drain	Closed	\$574,017.45
LLD05A08	Jones Blvd - Alta to Borden Storm Drain	Closed	\$716,389.74
LLD08A11	Lexington Street Storm Drain	Closed	\$926,610.34
LLD09A04	Bruce Street Storm Drain	Closed	\$431,221.89
LLD10A05	Jay Avenue Improvements	Closed	\$548,443.62
LLD10B13	Buckskin Avenue Storm Drain	Open	\$1,200,000.00
LLD12A04	Brush Street Storm Drain	Closed	\$411,351.53
LLD13A02	Crystal Water Way, Lake South Dr to Desert Inn Rd	Closed	\$227,132.20
LLD18A02	Peak Drive, Rainbow Blvd to Torrey Pines Dr	Closed	\$371,781.85
LLD19A18	Luning Drive Storm Drain	Open	\$1,201,965.00
LLD99A09	Gilmore Ave - Decatur Blvd to Thom Blvd Storm Drain	Closed	\$410,867.01
			<b>\$390,357,521.28</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
NLV03B88	East Range Wash Detention Basin (Facility Study)	Closed	\$30,000.00



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

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV03C91	West Range Wash Diversion Dike	Closed	\$339,338.71
NLV03E13	Hollywood System, Dunes South DB to Centennial Parkway	Open	\$2,706,972.00
NLV03F17	Range Wash - Ann Branch	Open	\$1,081,889.00
NLV03G17	Hollywood System, Centennial Pkwy-Speedway #2 DB	Open	\$1,586,850.00
NLV03H17	Hollywood System, Dunes S DB to Centennial Pkwy-Phase I	Open	\$13,109,000.00
NLV03I18	Range Wash - Ann Branch, Phase I	Open	\$2,668,000.00
NLV04A89	Gowan Outfall Structure	Closed	\$13,373,572.56
NLV04B00	Gowan Outfall, Craig to Channel	Closed	\$301,821.67
NLV04C01	Gowan Outfall, Craig to Channel	Closed	\$1,566,299.84
NLV04F07	Simmons Street Drainage Improvements - Carey to Craig	Closed	\$2,110,016.45
NLV04G07	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	\$15,057,798.44
NLV04I11	Simmons Street - Phase II, Carey to Cheyenne	Closed	\$5,464,819.43
NLV04K17	Gowan Outfall, Alexander Rd - Decatur to Simmons Street	Open	\$1,931,156.00
NLV05A89	Upper Las Vegas Wash Detention Basin	Closed	\$1,342,892.36
NLV06A91	Kyle Detention Basin	Closed	\$601,126.71
NLV06B93	Kyle Detention Basin	Closed	\$8,452,713.96
NLV07A92	Camino Al Norte Culvert	Closed	\$86,191.00
NLV08A94	Lower Las Vegas Wash Detention Basin	Closed	\$2,650,037.50
NLV08B97	Lower Las Vegas Wash Detention Basin Construction	Closed	\$3,316,222.35
NLV09A94	Range Wash Chnl W Trib/Confl DB-LV Blvd. + Vandenberg DB	Closed	\$2,299,092.06
NLV09C03	Range Wash - Lamb Blvd Storm Drain	Closed	\$337,143.54
NLV09D07	Range Wash - Lamb Blvd Storm Drain	Closed	\$5,733,340.83
NLV09E11	Vandenberg North Detention Basin & Outfall	Open	\$1,534,770.00
NLV09F13	Beltway Detention Basin and Channel	Closed	\$0.00
NLV09G13	Centennial Collector	Closed	\$50,086.74
NLV09I13	Beltway Detention Basin and Channel	Open	\$1,464,000.00
NLV10A97	A - Channel/Lake Mead Blvd. - Alexander Road	Closed	\$1,822,067.69
NLV10B99	Cheyenne Peaking Basin	Closed	\$3,445,309.49
NLV10F02	Las Vegas Wash Main Branch, Cheyenne Avenue to Lake Mead Boulevard	Closed	\$353,900.87
NLV10H07	Las Vegas Wash - Lake Mead Blvd to Las Vegas Blvd	Closed	\$2,069,215.34
NLV10I09	Las Vegas Wash - Las Vegas Blvd to Cheyenne Ave	Closed	\$697,124.80
NLV10K11	LVW - LV Blvd to Cheyenne Avenue	Closed	\$6,382,656.86
NLV10L19	Las Vegas Wash Cartier Channel	Open	\$698,289.00
NLV11A97	W. Trib Las Vegas Wash (Camino Al Norte to Ann Rd)	Closed	\$1,494,634.14
NLV11B97	W. Trib Las Vegas Wash, Ph II (Ann Rd to Centennial PKWY)	Closed	\$2,154,439.86
NLV12A97	Clayton Channel- WTLVW >Centennial PKWY> Allen Ln	Closed	\$40,408.90
NLV13A98	Tributary to the Western Tributary @ Craig Rd	Closed	\$801,419.92

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

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

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

**Boulder City**

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	\$867,000.00
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><u>\$879,587,627.76</u></u></b>

**FY 2019-20 PROJECTS FUNDED SUMMARY**

Facility Description	Project Number	Project Scope (1)	Year-1 Programmed (2)	Year-2/Year-3 Programmed (2)/(3)	Funding Amount (4)	Approval Date	Item #
<b>HENDERSON (Southeast Las Vegas Valley)</b>							
Galleria to Sunset		Construction	1,483,860.00				
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
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>\$41,601,484.57</b>	<b>\$46,059,715.00</b>	<b>\$41,601,484.57</b>		
<b>LAS VEGAS 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$87,661,199.57</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$95,216,306.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$53,614,821.43</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, 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>\$40,283,504.00</b>	<b>\$21,956,514.00</b>	<b>\$42,458,155.00</b>		
<b>NORTH LAS VEGAS 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$62,240,018.00</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$68,696,440.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$26,238,285.00</b>				

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



**FY 2019-20 PROJECTS FUNDED SUMMARY**

Facility Description	Project Number	Project Scope (1)	Year-1 Programmed (2)	Year-2/Year-3 Programmed (2)/(3)	Funding Amount (4)	Approval Date	Item #
<b>CLARK COUNTY (Southwest Las Vegas Valley and Outlying Areas) - Continued</b>							
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			
<b>Duck Creek - Jones Boulevard Storm Drain</b>	<b>CLA38E20</b>	<b>Construction</b>	<b>3,650,769.00</b>	<b>0.00</b>	<b>3,650,769.00</b>	<b>5/21/2020</b>	
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	18b
Blue Diamond Channel 02, Decatur - Le Baron to Richmar		Construction	3,500,000.00	0.00			
Duck Creek Haven Street Storm Drain	CLA38C20	Design	354,000.00	0.00	354,000.00	3/12/2020	14
Duck Creek Haven Street Storm Drain	CLA38D20	Construction	5,116,417.00	0.00	5,116,417.00	4/9/2020	11b
Jess Waite Wash Diversion Dike		Construction	1,581,566.00	0.00			
Searchlight West - State Highway 164	SEA02B19	Design	500,000.00	0.00	500,000.00	10/10/2019	11c
Searchlight - West - State Hwy 164		Construction	0.00	736,504.00			
Searchlight - South, Encinitas St. Storm Drain - Closeout	SEA03A09	Design	(106,727.58)	0.00	(106,727.58)	2/13/2020	8
Muddy River Logandale Levee - Closeout	MOA01H15	Construction	(290,511.72)	0.00	(290,511.72)	2/13/2020	8
Goodsprings - Phase I		Right-of-Way	74,454.00	0.00			
Goodsprings - Phase I		Construction	919,494.00	0.00			
Fairgrounds - Detention Basin (Whipple Street)		Construction	11,237,678.00	0.00			
<b>Clark County Total</b>			<b>\$80,463,038.66</b>	<b>\$16,627,650.00</b>	<b>\$34,999,846.66</b>		
<b>CLARK COUNTY 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$97,090,688.66</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$131,270,653.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$96,270,806.34</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>\$267,318,758.13</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>\$124,689,486.13</b>
<b>CURRENT AVAILABLE CONSTRUCTION RESOURCES (Year-1)</b>	<b>\$114,275,072.87</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 Pre-design, 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>						
May-20	ESTIMATED REMAINING FISCAL YEAR CIP RESOURCES				\$55,796,106		
	Duck Creek - Jones Boulevard Storm Drain	CLA38E20	\$3,650,769		\$52,145,337		
	Flamingo - Boulder Hwy. North, Charleston - Boulder Hwy to Maryland Pkwy and Maryland Pkwy System	LAS29F20	\$41,028,829		\$11,116,508		
	No Projects Awaiting Funding						

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

ENTITY: Clark County Regional Flood Control District

QUARTER ENDING: 31-Mar-20

DATE PREPARED: 14-Apr-20

**QUESTIONS REGARDING ECONOMIC CONDITIONS**

- |                | Yes                                 | No                                  | Since the last filing:  |
|----------------|-------------------------------------|-------------------------------------|---|
| 1 Clark County | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Has any employer that accounts for 15 % or more of the employment in the area closed or significantly reduced operations since the previous report? If yes, please provide details on page 2. |
| 2 Clark County | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Has your entity experienced a cumulative increase or decrease of 10% or more in population or assessed valuation in the past two years? If yes, please provide details on page 2.             |
| 3 Clark County | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | Has there been any significant event(s) in the region which could affect your entity positively? If yes, please provide details on page 2.  |
| 4 Clark County | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Has there been any significant event(s) in the region which could affect your entity negatively? If yes, please provide details on page 2.  |
| 5 Clark County | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | Has anything significant occurred which could affect your expected level of revenues? If yes, please provide details on page 2.   |

**QUESTIONS REGARDING OPERATIONS**

- |            |                          |                                     |   |
|------------|--------------------------|-------------------------------------|---|
| 6. CCRFCD  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Has the ending fund balance in your general (principal operating) fund had an unexplained, unbudgeted, or unanticipated decline for the past two fiscal years? If yes, please provide details on page 2.          |
| 7. CCRFCD  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Has the entity entered into any new debt arrangements since the previous report? If yes, please provide details on page 2.  |
| 8. CCRFCD  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Has the entity borrowed money to pay for current operations? If yes, please provide details on page 2.  |
| 9. CCRFCD  | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Has the entity made an interfund loan(s) to pay for current operations? If yes, please provide details on page 2.   |
| 10. CCRFCD | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Has the entity failed to pay timely any contributions to governmental agencies for the benefits of its employees, (for example, PERS, Workmen's Comp or Federal taxes)? If yes, please provide details on page 2. |
| 11. CCRFCD | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Has the entity failed to make timely payments for debt service, to vendors or others? If yes, please provide details on page 2.   |
| 12. CCRFCD | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Has the entity augmented the appropriated expenses for any proprietary fund since the previous report? If yes, please provide details on page 2.  |

13. Cash and cash equivalents (unaudited) as of quarter ending 03/31/2020:  
(Enterprise Fund(s) Only)

(CCRFCD)	<u>Prior Year</u>	<u>Current Year</u>
	N/A	N/A

14. General Fund Ending Balance (unaudited) as of quarter ending 03/31/2020:

(CCRFCD)	<u>Prior Year</u>	<u>Current Year</u>
	\$9,660,086.14	\$14,449,912.95

15. Cash and cash equivalents (unaudited) as of quarter ending 03/31/2020:  
(General Fund Only)

(CCRFCD)	<u>Prior Year</u>	<u>Current Year</u>
	\$9,717,403.57	\$15,526,393.94



QUARTERLY ECONOMIC SURVEY  
 DETAILS OF POSITIVE RESPONSES TO QUESTIONS ON PAGE 1

1-5  
 (Clark County)

**Question 1**

Governor Sisolak issued a Declaration of Emergency to facilitate the State's response to the COVID-19 pandemic on March 12, 2020, followed by a shutdown of all nonessential businesses for 30 days on March 17. On April 1, 2020, a stay-at-home order and extension of the closures through April 30, 2020, was issued. The county expects \$1.1 billion in lost revenues over the next 12 to 18 months. The impact would likely be 'severe' and the losses are not expected to be offset by federal funds anticipated to local governments affected.

(Clark County)

**Question 2**

CLARK COUNTY	Population	Assessed Value
FY 2018 (Actual)	2,166,181	78,890,801,494
FY 2019 (Estimate)	2,193,818	84,428,728,091
FY 2020 (Budget)	2,251,175	92,239,056,371
Cumulative Increases/Decreases	84,994 3.92%	13,348,254,877 16.92%

(Clark County)

**Question 3**

(Clark County)

**Question 4**

(Clark County)

**Question 5**

6.  
 (CCRFCD)

7.  
 (CCRFCD)

Date	Type	Amount

8.  
 (CCRFCD)

Date	Lender	Amount \$

9.  
 (CCRFCD)

Date	From Fund	To Fund	Amount \$

10-11.  
 (CCRFCD)

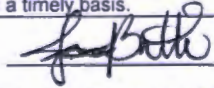
12.  
 (CCRFCD)

Date	Fund	Amount

13-15.  
 (CCRFCD)

Regarding our operations fund balance, there are inherent timing differences between the receipt of resources, payment of expenditures and transfers of resources to other funds. The current (FY 2019-20) fund balance and cash represented on lines 14 & 15 (page 1) of this report, is in line with 8% to 10% of our budgeted operational obligations. The District maintains sufficient fund balance to support operational obligations such as debt services, maintenance work and capital improvements to ensure that all commitments can be made on a timely basis.

PREPARED BY: Jessica Butte, Fiscal Services Administrator  
 Name/Title

  
 Signature

PERSON SIGNING CERTIFIES ALL INFORMATION PROVIDED IS TRUE & CORRECT FOR THE PERIOD INDICATED.

REVIEWED BY: Jeanine Pitts-Dilworth, Administrative Services Director  
 Name/Title

  
 Signature

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**TEN-YEAR CONSTRUCTION PROGRAM AMENDMENTS**

**RECOMMENDATION SUMMARY**

**STAFF:** *Approve.*

**TECHNICAL ADVISORY:** *Approve.*

**CITIZENS ADVISORY:** *Approve.*

**RFCD AGENDA  
ITEM #06  
DATE: 05/21/2020**



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

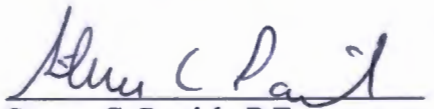
<b>SUBJECT:</b>
TEN-YEAR CONSTRUCTION PROGRAM AMENDMENTS
<b>PETITIONER:</b>
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
<b>RECOMMENDATION OF PETITIONER:</b>
ADOPT AMENDMENTS TO THE TEN-YEAR CONSTRUCTION PROGRAM (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** None.

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

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Duck Creek – Jones Boulevard Storm Drain	CLA38E20	Item #10b Original	\$2,224,094.00	\$3,650,769.00
Flamingo – Boulder Hwy. North, Charleston – Boulder Hwy to Maryland Pkwy and Maryland Pkwy System	LAS29F20	Item #11b Original	\$44,022,755.00	\$41,028,829.00

Respectfully submitted,

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

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

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	Date: 04/20/2020
<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>	AGENDA #05 Date: 04/30/2020
<b>Recommendation:</b>	
Approve.	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #05 Date: 04/30/2020
<b>Recommendation:</b>	
Approve.	



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

**EXHIBIT C**

	Fac. ID Mile Range	Existing Valua/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2018 THRU 6/2024			Board Date	Amount	Amendment?	Project No.
					(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>\$42,876,140</b>	<b>\$48,538,208</b>				
Unencumbered from previous year	(\$14,197,230)			<b>\$887,129,406</b>	<b>\$60,198,828</b>	<b>\$50,074,956</b>	<b>\$47,091,266</b>				
<b>ENTITY RESOURCES</b>				<b>\$302,319,382</b>	<b>\$63,553,144</b>	<b>\$15,208,519</b>	<b>\$16,458,642</b>				<b>Funding Requests 19/20</b>
Unencumbered from previous year	(\$27,951,231)				<b>\$21,951,890</b>	<b>\$6,716,111</b>	<b>\$5,090,565</b>				
<b>ENTITY TOTAL</b>				<b>\$1,372,662,650</b>	<b>\$838,754,090</b>	<b>\$295,549,915</b>	<b>\$41,601,485</b>	<b>\$30,442,068</b>	<b>\$18,082,188</b>		
<b>HYDROGRAPHIC BASIN: CENTRAL</b>				<b>\$526,443,790</b>	<b>\$507,779,690</b>	<b>\$196,199,170</b>	<b>\$41,829,829</b>	<b>\$1,823,436</b>	<b>\$0</b>		<b>\$41,829,829</b>
<b>SYSTEM: LV Wash i-15 Tributary</b>				<b>\$148,473,570</b>	<b>\$89,965,860</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			\$1,365,330								
Right-of-way	LV16 0802		\$1,109,080	\$10,447,853							
Construction			\$6,931,650								
<b>PROJECT: Freeway Channel - Washington, Rancho to Valley View</b>											
Design/Admin			\$1,280,270								
Right-of-way	LV16 0838		\$1,008,210	\$8,977,116							
Construction			\$6,301,330								
<b>PROJECT: Lake Mead - Carey - Lake Mead Detention Basin Outfall</b>											
Design/Admin		Design Started 19/20	\$20,790								
Design/Admin	LVLUM 0221	NLV19A19	\$16,830	\$216,613							
Construction			\$103,930								
<b>PROJECT: Owens Avenue System - Vegas, Shadow Mountain to Jones</b>											
Design/Admin			\$579,920								
Right-of-way	LVOW 0380		\$463,940	\$3,882,098							
Construction			\$2,999,600								
<b>SYSTEM: LV Wash Central</b>				<b>\$366,949,500</b>	<b>\$221,782,930</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		Design Started 11/12	\$1,204,620								
Right-of-way	LVMMD 1121 & 1140	CLA15D12 / LAS28C12	\$963,090	\$7,321,388							
Construction			\$6,023,110								
<b>PROJECT: Meadows - Charleston, Essex to Lindell</b>											
Design/Admin			\$1,362,180								
Right-of-way	MECN 0000, 0081		\$1,089,750	\$6,420,473							
Construction			\$6,810,920								
<b>PROJECT: Meadows - Charleston, Lindell to Rainbow</b>											
Design/Admin			\$1,881,440								
Right-of-way	MECN 0123, 0223		\$1,505,140	\$13,401,828							
Construction			\$9,407,180								
<b>PROJECT: Las Vegas Wash - Stewart, Las Vegas Wash to Lamb</b>											
Design/Admin			\$1,896,110								
Right-of-way	LVBT 0000		\$1,356,490	\$11,870,138							
Construction			\$8,480,570								
<b>PROJECT: Owens Avenue East - LV Wash to Eastern</b>											
Design/Admin			\$3,610,770								
Right-of-way	LVOE 0000, 0086		\$3,048,610	\$27,891,923							
Construction			\$19,053,610								
<b>SYSTEM: Sahara Boulder Highway</b>				<b>\$8,020,710</b>	<b>\$196,030,870</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		Pre-Design Started 09/10	\$2,787,570								
Right-of-way	BHBA 0000, 0028	LAS27A09	\$2,214,050	\$20,898,722							
Construction			\$13,637,830								
<b>PROJECT: Sahara Avenue - Eastern Lateral</b>											
Design/Admin			\$431,380								
Right-of-way	BAEA 0000		\$345,100	\$3,348,448							
Construction			\$2,156,890								
<b>PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern</b>											
Design/Admin			\$2,278,210								
Right-of-way	BHBA 0076		\$1,822,570	\$17,732,916							
Construction			\$11,391,080								
<b>PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland</b>											
Design/Admin		design start in 17/18	\$1,289,650								
Right-of-way	FLBN 0281, 0312	LAS29D17	\$1,030,920	\$7,803,982							
Construction			\$6,443,270								
<b>PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System</b>											
Design/Admin		Design started in 16/17	\$2,882,190								
3rd Supplement	Design/Admin	FLBN 0170, 0180, 0205, 0275, 0280 & FLMP 0000, 0013, 0042, 0088	\$2,305,780	\$41,428,829							
Construction		LAS29C16	\$14,410,970								
					\$3,039,173			8/21/2020	\$3,039,173	YES	LAS29F20
					\$400,000			4/9/2020	\$400,000	YES	LAS29C16
					\$37,989,656			8/21/2020	\$37,989,656	YES	LAS29F20
<b>PROJECT: Las Vegas Wash - Cedar Channel/Bonanza - Las Vegas Wash to Lamb</b>											
Design/Admin			\$1,452,940								
Right-of-way	LVBZ 0000		\$1,162,350	\$11,308,236							
Construction	CACH 0001, 0020		\$7,284,690								



EXHIBIT C

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

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024			Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22				
<b>TOTAL PLAN</b>			Annual Resources	<b>\$899,655,079</b>	\$282,190,812	\$42,076,140	\$48,538,208				
Unencumbered from previous year	(\$14,197,230)		Cumulative Available Resources	<b>\$887,129,406</b>	\$89,196,828	\$50,074,956	\$47,091,296				
<b>ENTITY RESOURCES</b>			Annual Resources	<b>\$302,319,382</b>	\$63,553,144	\$15,208,519	\$18,458,642				
Unencumbered from previous year	(\$27,951,231)		Cumulative Available Resources		\$21,951,680	\$6,716,111	\$5,090,565				
<b>ENTITY TOTAL</b>				<b>\$1,372,662,650</b>	<b>\$838,754,090</b>	<b>\$295,549,915</b>	<b>\$41,601,485</b>	<b>\$30,442,068</b>	<b>\$18,082,188</b>		<b>\$41,601,485</b>
<b>HYDROGRAPHIC BASIN: GOWAN</b>				<b>\$447,692,160</b>	<b>\$127,415,890</b>	<b>\$90,434,671</b>	<b>(\$1,016,545)</b>	<b>\$28,916,632</b>	<b>\$18,082,188</b>		<b>(\$1,016,545)</b>
<b>SYSTEM: Gowan North</b>				<b>\$273,309,150</b>	<b>\$126,944,520</b>	<b>\$90,434,671</b>	<b>(\$1,016,545)</b>	<b>\$28,916,632</b>	<b>\$18,082,188</b>		<b>(\$1,016,545)</b>
<b>PROJECT: Gowan Box Canyon - Lone Mountain Road</b>											
Design/Admin		Design started in 15/16	\$1,081,940								
Right-of-way	GOBX 0018	LAS24115	\$665,550	\$7,401,089							
Construction			\$5,408,720								
<b>PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd. to Simmons Street</b>											
Design/Admin		Design started 16/17	\$5,009,330				\$2,053,644				
Right-of-way	GOOF 0275, 0285	NLV04K17	\$4,027,480	\$27,891,914							
Construction	0926, 0975		\$25,046,670				\$25,798,070				
<b>PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road</b>											
3rd Supplement		Design started in 15/16					\$15,000	1/9/2020	\$35,000	YES	LAS24J15
Design/Admin	GOEC 0000 9vu 0076	LAS24J15		\$36,000							
Right-of-way											
Construction											
<b>PROJECT: Gowan Outfall - Clayton Branch</b>											
Design/Admin			\$2,055,290								
Right-of-way	GOCL 0000		\$1,844,230	\$16,498,691							
Construction			\$10,276,460								
<b>PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial</b>											
Design/Admin		Design Started in 17/18	\$1,323,640								\$581,700
Right-of-way	GOEC 0100, 0120, 0132, 0176	LAS24L17	\$1,058,910	\$7,882,827							
Construction			\$6,618,180								\$7,021,227
<b>PROJECT: Gowan - Alexander Rd., Rancho to Decatur</b>											
Design/Admin		Design Started in 13/14	\$1,832,700								\$777,725
Right-of-way	GOAL 0000, 0098	LAS30A13	\$1,466,160	\$10,499,281							
Construction		Eng'r Est.	\$9,163,480								\$9,721,538
<b>PROJECT: Gowan - Rancho, Craig to Alexander and Alexander Branch</b>											
Design/Admin			\$1,709,900				\$1,056,719				
Right-of-way	GOAL 0100, 0111		\$1,367,910	\$11,448,691							
Construction	GOA2 0000		\$8,549,440								
<b>PROJECT: Gowan - Craig and US-95</b>											
Design/Admin			\$1,572,190								
Right-of-way	GOAL 0188, 0247		\$1,257,750	\$11,168,088							
Construction			\$7,860,960								
<b>PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn</b>											
Design/Admin		Design Started in 13/14	\$267,990								
Right-of-way	GOBU 0112, 0138	LAS24H13	\$214,390	(\$1,081,846)							
Construction		Eng'r Est.	\$1,339,780								
CLOSEOUT								9/12/2019	(\$1,051,545)	YES	LAS24K17
<b>HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH</b>											
<b>SYSTEM: Ann Road</b>											
<b>PROJECT: Rancho Road System - Elkhorn, Fort Apache to Grand Canyon</b>											
Design/Admin		Design Started 11/12	\$454,350								
Right-of-way	RCHB 0276	LAS18L11	\$363,480	(\$70,800)							
Construction			\$2,271,740								
CLOSEOUT								9/12/2019	(\$70,800)	YES	LAS18O13
<b>SYSTEM: Upper Western Tributary</b>											
<b>PROJECT: Brent Drainage System - Durango to O'Hare</b>											
Design/Admin		Design Started 19/20	\$1,495,900				\$695,540	7/11/2019	\$695,540	NO	LAS22U19
Right-of-way		LAS22U19	\$1,196,720	\$8,826,674			\$2,000	7/11/2019	\$2,000	NO	LAS22U19
1st Supplement	BRDB 0107, 0167						\$212,440	9/12/2019	\$202,480	YES	LAS22U19
Construction			\$7,479,480								
<b>SYSTEM: Kyle Canyon</b>											
<b>PROJECT: LVW - Meccasin, Kyle Canyon Park to Upper LVW</b>											
1st Supplement		Design start in 17/18	\$3,369,670				\$60,000	3/12/2020	\$60,000	YES	LAS31A17
Design/Admin		LAS31A17	\$2,695,900	\$80,000							
Right-of-way	LVMO 0000		\$0								
Construction											



EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM

Amended May 21, 2020

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024			Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22				
<b>TOTAL PLAN</b>											
Unencumbered from previous year	(\$14,197,230)			<b>\$899,655,079</b>	\$263,190,812	\$42,076,140	\$45,538,206				
				<b>\$887,129,406</b>	\$69,198,828	\$50,074,958	\$47,091,285				
<b>ENTITY RESOURCES</b>											
Unencumbered from previous year	\$35,062,365			<b>\$293,042,389</b>	\$106,538,019	\$11,678,071	\$12,854,583				
					\$26,074,980	\$22,960,727	\$26,895,811				
<b>ENTITY TOTAL</b>		<b>\$1,532,456,175</b>	<b>\$652,450,607</b>	<b>\$300,713,860</b>	<b>\$80,463,039</b>	<b>\$14,992,324</b>	<b>\$8,919,479</b>		<b>\$34,999,847</b>		
<b>HYDROGRAPHIC BASIN: Tropicana/ Flamingo</b>		<b>\$949,729,850</b>	<b>\$164,688,950</b>	<b>\$139,637,794</b>	<b>\$28,144,423</b>	<b>\$4,730,802</b>	<b>\$670,000</b>		<b>(\$5,577)</b>		
<b>SYSTEM: Tropicana Flamingo Project</b>		<b>\$484,469,310</b>	<b>\$23,344,000</b>	<b>\$15,855,519</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>		
<b>PROJECT: Blue Diamond - Buffalo Branch</b>											
Design/Admin			\$1,617,240								
Right-of-way	BDSF 0010, 0078, 0126		\$1,293,800	\$12,187,767							
Construction			\$6,066,230								
<b>PROJECT: Flamingo - Cimarron Branch</b>											
Design/Admin			\$530,350								
Right-of-way	FLCM 0003		\$424,280	\$3,687,782							
Construction			\$2,651,780								
<b>SYSTEM: Lower Flamingo</b>		<b>\$332,587,410</b>	<b>\$99,159,190</b>	<b>\$74,229,905</b>	<b>\$28,144,423</b>	<b>\$4,370,922</b>	<b>\$0</b>		<b>(\$5,577)</b>		
<b>PROJECT: Wagon Trail Channel - Sunset to Yoco</b>											
1st Supplement	Design/Admin	WGTR 0111	Design Started 18/19	\$251,850							
	Right-of-way		CLA10G19	\$201,320	\$1,448,687			3/12/2020	\$50,000	YES	CLA10G19
	Construction			\$1,256,240					\$1,295,987		
<b>PROJECT: Flamingo Wash, Maryland to Palos Verde</b>											
Design/Admin			Design Started 18/19	\$534,210							
Right-of-way	FLWA 0821 & 0873		CLA04Y19	\$427,380	\$2,871,285				\$220,095		
Construction				\$2,871,030					\$2,751,161		
<b>PROJECT: Flamingo Wash, Eastern Avenue</b>											
Design/Admin			Design Started 09/00	\$258,380							
Right-of-way	FLWA 0472		CLA04E99	\$206,700	(\$84,800)						
CLOSEOUT	Construction		Eng. Est	\$1,291,880				2/13/2020	(\$54,580)	YES	CLAD4W16
<b>PROJECT: Las Vegas Wash - Christy</b>											
Design/Admin				\$3,303,990							
Right-of-way	LVCH 0037, 0114			\$2,643,190	\$24,888,282						
Construction				\$16,519,940							
<b>PROJECT: Flamingo Wash Maryland - UNLV</b>											
Design/Admin				\$970,640							
Right-of-way	FLMR 0000			\$776,510	\$8,914,036						
Construction				\$4,653,190							
<b>PROJECT: Airport Channel - Naples Channel and Peaking Basin</b>											
Design/Admin			Design Started 13/14	\$1,114,250							
Right-of-way	TRMC 0013, 0014, 0031, 0033		CLA10H13	\$891,390	\$28,780,000				\$1,750,000		
Construction			Eng. Est.	\$5,571,230					\$25,000,000		
<b>PROJECT: Tropicana Wash at Swenson</b>											
Design/Admin			Design Started 07/08								
AMEND CLOSEOUT	Construction		CLA10D07					1/9/2020	(\$658)	YES	CLA10G12
AMEND CLOSEOUT	Construction							3/12/2020	(\$329)	YES	CLA10G12
<b>PROJECT: Vegas Valley Drive - Flamingo Wash to Burnham</b>											
Design/Admin				\$1,353,250							
Right-of-way	VAVO 0000 & 0026			\$1,082,600	\$8,901,289						
Construction				\$8,796,280							
<b>PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.</b>											
Design/Admin			Design Started 08/10	\$77,780					\$100,000		
Right-of-way	FLWA 0869 & 0886		CLA10P10	\$82,210	\$1,400,000						
Construction			Eng. Est.	\$366,790					\$1,300,000		
<b>SYSTEM: Lower LV Wash Tributaries</b>		<b>\$21,817,390</b>	<b>\$37,218,650</b>	<b>\$49,452,371</b>	<b>\$0</b>	<b>\$359,880</b>	<b>\$670,000</b>		<b>\$0</b>		
<b>PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista</b>											
Design/Admin				\$872,830							
Right-of-way	LV01 0191, 0178			\$898,280	\$8,388,120						
Construction				\$4,364,110							
<b>PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Boulder Hwy</b>											
Design/Admin				\$3,978,080							
Right-of-way	LV01 0001, 0038, 0080, 0118			\$3,190,860	\$19,888,780				\$670,000		Moved
Construction			Eng. Est from CLA35A11	\$19,880,340							Moved
<b>PROJECT: Tropicana Avenue Conveyance - Boulder Hwy. to Morris</b>											
Design/Admin				\$582,330					\$359,880		
Right-of-way	LV01 0195			\$495,860	\$3,888,112						
Construction			Eng. Est from CLA35A11	\$2,911,630							
<b>PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.</b>											
Design/Admin				\$2,587,010							
Right-of-way	LV02 0001 thru 0284			\$2,077,800	\$19,571,348						
Construction				\$12,985,020							



EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
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	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2019 THRU 6/2024			Board Date	Amount	Amendment?	Project No.	
					(Year 1) FY 19/20	(Year 2) FY 20/21	(Year 3) FY 21/22					
<b>TOTAL PLAN</b>					<b>\$899,655,079</b>	<b>\$283,190,812</b>	<b>\$42,878,140</b>	<b>\$48,538,208</b>				
Unencumbered from previous year	(\$1,197,230)				<b>\$887,129,406</b>	<b>\$68,198,628</b>	<b>\$50,074,956</b>	<b>\$47,091,286</b>				
<b>ENTITY RESOURCES</b>					<b>\$293,042,389</b>	<b>\$108,538,019</b>	<b>\$11,878,071</b>	<b>\$12,854,583</b>				
Unencumbered from previous year	\$35,062,395					<b>\$28,074,980</b>	<b>\$22,960,727</b>	<b>\$28,895,811</b>				
<b>ENTITY TOTAL</b>		<b>\$1,532,456,175</b>	<b>\$652,450,607</b>	<b>\$300,713,860</b>	<b>\$80,463,039</b>	<b>\$14,992,324</b>	<b>\$8,919,479</b>		<b>\$34,999,847</b>			
<b>HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond</b>		<b>\$612,286,110</b>	<b>\$301,091,880</b>	<b>\$92,068,081</b>	<b>\$38,402,863</b>	<b>\$9,366,936</b>	<b>\$8,679,467</b>		<b>\$34,902,863</b>			
<b>SYSTEM: Blue Diamond Tributaries</b>		<b>\$76,756,840</b>	<b>\$61,719,030</b>	<b>\$22,761,798</b>	<b>\$200,000</b>	<b>\$6,840,787</b>	<b>\$5,679,467</b>		<b>\$200,000</b>			
<b>PROJECT: Blue Diamond Wash - Arville to I-15</b>												
1st Supplement	Design/Admin	BDWA 0278	Design Started 18/19	\$1,050,120		\$150,000	\$432,649		10/10/2019	\$150,000	YES	CLA1801B
1st Supplement	Right-of-way		CLA18019	\$840,090	\$8,040,767	\$50,000			10/10/2019	\$50,000	YES	CLA1801B
	Construction			\$5,250,590				\$5,408,108				
<b>PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.</b>												
	Design/Admin	DCBD 0076, 0082 & 0084	Design Started 18/19	\$991,380				\$420,702				
	Right-of-way		CLA38A19	\$793,100	\$6,678,467							
	Construction			\$4,958,890				\$5,258,765				
<b>PROJECT: Blue Diamond Channel, Arniego to Haven</b>												
	Design/Admin	BDWA 0087 thru 0175		\$1,343,740			\$0		4/9/2020		Moved	
	Right-of-way				\$1,075,010	\$11,041,574		\$0				
	Construction				\$6,718,700				4/9/2020		Moved	
<b>SYSTEM: Upper Duck Creek</b>		<b>\$123,500,470</b>	<b>\$75,203,030</b>	<b>\$39,741,076</b>	<b>\$33,150,769</b>	<b>\$1,263,769</b>	<b>\$0</b>		<b>\$29,650,769</b>			
<b>PROJECT: Duck Creek - Jones Boulevard</b>												
	Design/Admin	DCJB 0000, 0020,0043	RTC Project	\$1,347,940		\$321,905			8/21/2020	\$321,905	YES	CLA38E20
	Right-of-way				\$1,078,350	\$3,860,769						
	Construction				\$6,739,670		\$3,328,864		8/21/2020	\$3,328,864	YES	CLA38E20
<b>PROJECT: Silverado Ranch Detention Basin and Outfall Facilities</b>												
	Design/Admin	BD02 0125 thru 0312, 0350 thru 0404, DCW4 0000,0001	Design Started 13/14	\$2,861,730		\$2,879,255			3/12/2020	\$2,879,255	YES	CLA38B20
	Right-of-way		CLA08S13	\$2,289,380	\$26,000,000							
	Construction		Eng. Est.	\$14,308,620		\$23,120,745			3/12/2020	\$23,120,745	YES	CLA38B20
<b>PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar</b>												
	Design/Admin	BD02 0334	RTC Project			\$500,000						
	Right-of-way			No Design		\$3,800,000						
	Construction						\$3,000,000					
<b>PROJECT: Blue Diamond Wash Railroad</b>												
	Design/Admin	BDW6 0028		\$878,400			\$541,815					
	Right-of-way				\$701,120	\$6,980,307		\$722,154				
	Construction				\$4,382,000							
<b>SYSTEM: Lower Duck Creek</b>		<b>\$176,428,900</b>	<b>\$39,736,410</b>	<b>\$24,801,314</b>	<b>\$0</b>	<b>\$2,261,410</b>	<b>\$0</b>		<b>\$0</b>			
<b>PROJECT: Duck Creek, Sunset Park</b>												
	Design/Admin	DCBP 0000, 0116		\$3,859,240			\$2,261,410					
	Design/Admin				\$2,927,390	\$34,801,314						
	Construction				\$18,298,170							
<b>SYSTEM: Central Duck Creek</b>		<b>\$135,598,900</b>	<b>\$124,433,390</b>	<b>\$5,051,894</b>	<b>\$5,051,894</b>	<b>\$0</b>	<b>\$0</b>		<b>\$5,051,894</b>			
<b>PROJECT: Duck Creek Las Vegas Boulevard</b>												
	Design/Admin	DCLV 0000 thru 0098	Split with SID	\$1,278,400								
	Right-of-way			Design Started 13/14	\$1,022,720	(\$416,628)						
CLOSEOUT	Construction		CLA08R13		\$6,362,000		(\$418,523)		2/13/2020	(\$418,523)	YES	CLA08T14
<b>PROJECT: Duck Creek Haven Street</b>												
	Design/Admin	DCHV 0028, 0080, 0087	RTC Project	\$841,440		\$422,000			4/9/2020	\$422,000	YES	CLA38D20
	Design/Admin		CLA38C20		\$513,150	\$6,470,417	\$354,000		3/12/2020	\$354,000	YES	CLA38C20
	Construction				\$3,207,210		\$4,694,417		4/9/2020	\$4,694,417	YES	CLA38D20







**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**THIRD OF THREE RENEWAL OPTIONS  
JOINDER AGREEMENT WITH THE CITY OF LAS VEGAS FOR AERIAL VIDEO AND  
DATA COLLECTION**

**RECOMMENDATION SUMMARY**

**STAFF:** Approve.

**TECHNICAL ADVISORY:** The Technical Advisory Committee did not hear this item.

**CITIZENS ADVISORY:** The Citizens Advisory Committee did not hear this item.

**RFCD AGENDA  
ITEM #07  
DATE: 05/21/2020**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

THIRD OF THREE RENEWAL OPTIONS  
ONE YEAR EXTENSION TO THE JOINDER AGREEMENT WITH THE CITY OF LAS VEGAS CONTRACT NO. 160074-TF

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

APPROVE THE THIRD OF THREE RENEWAL OPTIONS FOR A ONE YEAR EXTENSION TO THE JOINDER AGREEMENT WITH THE CITY OF LAS VEGAS FOR AN AERIAL VIDEO AND DATA COLLECTION PROGRAM FOR THE TERM OF JULY 1, 2020 THROUGH JUNE 30, 2021 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:** \$50,000

**BACKGROUND:**

On August 11, 2016, the District Board of Directors authorized the General Manager to Joinder onto City of Las Vegas' Contract No. 160074-TF with AviSight LLC, for an aerial video and data collection program.

Per the Joinder Agreement, AviSight shall provide goods and services for aerial video and data, and employ their aircraft, cameras and distribution systems to provide good and services that include, but are not limited to:

- Inspections of Infrastructures, facilities and properties;
- Emergency aerial video and data support services;
- 3D modeling, and topographical mapping;
- Video and data delivery including real time streaming and retrieval of data;
- Imagery analysis;
- Small Unmanned Aerial Systems (sUAS) operations; and
- sUAS Drone training/consultation (Training).

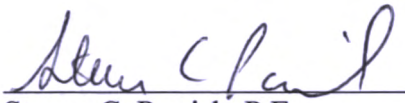
RFCD AGENDA  
ITEM #07  
Date: 05/21/2020



Pursuant to SECTION B-5, Performance Period of the Joinder Agreement, the District wishes to exercise the third of three renewal options for one additional year for the period covered July 1, 2020 to June 30, 2021.

The fiscal year budget approved on April 9, 2020 includes adequate appropriations to support this request. The term of this agreement is from July 1, 2020 through June 30, 2021. Attached is written notification to AviSight approving the one-year extension. Staff recommends the Board approve this one year extension.

Respectfully submitted,



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

RFCD AGENDA ITEM #07 Date: 05/21/2020
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Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 05/12/2020

**THIRD OF THREE RENEWAL OPTIONS**

**ONE YEAR EXTENSION TO THE JOINDER AGREEMENT WITH THE CITY OF LAS VEGAS  
CONTRACT NO. 160074-TF**

On August 11, 2016, the District Board of Directors authorized the General Manager to Joinder onto City of Las Vegas' Contract No. 160074-TF with AviSight LLC, for an aerial video and data collection program.

Pursuant to SECTION B-5, Performance Period of the Joinder Agreement, the District wishes to exercise the third of three renewal options for one additional year for the period covered July 1, 2020 to June 30, 2021.

The fiscal year budget approved on April 19, 2020 includes adequate appropriations to support this request. The term of this agreement is from July 1, 2020 through June 30, 2021. Attached is written notification to AviSight approving the one-year extension.

The District Attorney has reviewed the renewal option letter.

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
# Date:

The Technical Advisory Committee did not hear this item.

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
# Date:

The Citizens Advisory Committee did not hear this item.

**Recommendation:**



# REGIONAL FLOOD CONTROL DISTRICT



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

**BOARD OF DIRECTORS**

**Lawrence L. Brown, III**  
Chair  
Clark County

**Mayor Debra March**  
Vice-Chair  
City of Henderson

**George Gault**  
City of Mesquite

**James B. Gibson**  
Clark County

**Mayor Carolyn Goodman**  
City of Las Vegas

**Stavros Anthony**  
City of Las Vegas

**Isaac Barron**  
City of North Las Vegas

**Mayor Kiernan McManus**  
City of Boulder City

May 21, 2020

Mr. Michael Frechette, Principal  
AviSight  
7370 Eastgate Road, Ste. 135  
Henderson, NV 89012

**RE: Joinder to City of Las Vegas Contract No. 160074-TF  
Contract for Aerial Video and Data Collection Program  
Third of three Renewal Options**

Mr. Frechette:

On August 11, 2016, the District Board approved the request for the District to Joinder onto the contract referenced above with the City of Las Vegas for aerial video and data collection. Pursuant to SECTION B-5, Performance Period, it states in part, "if the District elects to exercise a renewal option, written notice will be provided at least thirty (30) days in advance."

The District's Board of Directors approved the first renewal option at their meeting on May 24, 2018 and the second renewal option at their meeting on May 23, 2019. The District's Board of Directors approved this third renewal option at their meeting on May 21, 2020. Please accept this letter as formal written notification of the District's intent to extend the existing contract for the third of three renewal options for one additional year for the period covered July 1, 2020 through June 30, 2021.

Thank you,

---

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

SCP:dmh

052120 AviSight Extension Letter

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**MEMORANDUM OF AGREEMENT WITH THE NATIONAL WEATHER SERVICE**

**RECOMMENDATION SUMMARY**

**STAFF:** Approve.

**TECHNICAL ADVISORY:** Approve.

**CITIZENS ADVISORY:** Approve.

**RFCD AGENDA  
ITEM #08  
DATE: 05/21/2020**



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

MEMORANDUM OF AGREEMENT WITH THE NATIONAL WEATHER SERVICE

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

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

**FISCAL IMPACT:** \$45,000 (estimated)

**BACKGROUND:**

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


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

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

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

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

Respectfully submitted,

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

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



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/20/2020

**MEMORANDUM OF AGREEMENT WITH THE NATIONAL WEATHER SERVICE**

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

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

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

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

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#08 Date: 04/30/2020

**Recommendation:**

Approve.

**Discussion by Citizens Advisory Committee:**

AGENDA  
#08 Date: 04/30/2020

**Recommendation:**

Approve.

MEMORANDUM OF AGREEMENT  
ESTABLISHING A JOINT PROJECT

BETWEEN THE

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

AND

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

Agreement No. 2

I. PARTIES

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

II. AUTHORITIES

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

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



### III. PURPOSE

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

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

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

### IV. MUTUAL INTEREST OF THE PARTIES

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

### V. RESPONSIBILITIES OF THE PARTIES

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

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

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

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

#### VI. EQUITABLE APPORTIONMENT OF COSTS

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

##### NWS:

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

##### CCRFCD:

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

#### VII. CONTACTS

The contacts of each party to this Agreement are:

##### Todd Lericos

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

##### Craig McDougall

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

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



**VIII. PERIOD OF AGREEMENT AND MODIFICATION/TERMINATION**

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

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

**IX. OTHER PROVISIONS**

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

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

**NATIONAL WEATHER SERVICE**

**REGIONAL FLOOD CONTROL DISTRICT**

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

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

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Date

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Date

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

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

**RECOMMENDATION SUMMARY**

**STAFF:**

Accept the reports.

**TECHNICAL ADVISORY:**

To be heard at the May 28, 2020 Technical Advisory Committee meeting.

**CITIZENS ADVISORY:**

To be heard at the June 1, 2020 Citizens Advisory Committee meeting.

**RFCD AGENDA  
ITEM #09  
DATE: 05/21/2020**



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>
MAINTENANCE WORK PROGRAM (MWP) – THIRD QUARTER FISCAL YEAR 2019-20 STATUS REPORTS
<b>PETITIONER:</b>
STEVEN C. PARRISH, P.E., GENERAL MANAGER/CHIEF ENGINEER
<b>RECOMMENDATION OF PETITIONER:</b>
THAT THE BOARD ACCEPT THE MAINTENANCE WORK PROGRAM THIRD QUARTER FISCAL YEAR 2019-20 STATUS REPORTS AS SUBMITTED BY THE ENTITIES (FOR POSSIBLE ACTION)

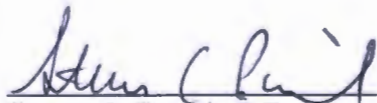
**FISCAL IMPACT:** None.

**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
<b>Totals</b>	<b>\$13,954,700.00</b>	<b>\$4,612,996.68</b>	<b>\$9,341,703.32</b>

Respectfully submitted,

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

TAC AGENDA ITEM # Date: 05/28/2020	RFCD AGENDA ITEM #09 Date: 05/21/2020
CAC AGENDA ITEM # Date: 06/01/2020	

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.

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
<b>Totals</b>	<b>\$13,954,700.00</b>	<b>\$4,612,996.68</b>	<b>\$9,341,703.32</b>

**Staff Recommendation:**

Accept the reports.

**Discussion by Technical Advisory Committee:**

AGENDA  
# Date: 05/28/2020

To be heard at the May 28, 2020 meeting.

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
# Date: 06/01/2020

To be heard at the June 1, 2020 meeting.

**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 HIAKY - 0000, 0019, HMLM - 0000, 0001, 0002, 0003, 0025, 0027, 0040, 0044, 0064, 0065, 0066, 0077, 0081, 0082, 0085, 0096, HMNV - 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, 0011, 0054, 0064, 0076, HMVL - 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, 087, 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: *Jim Keane* 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:

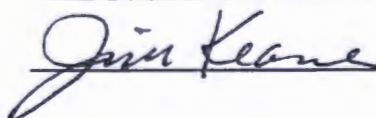
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Work completed during current quarter:

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Work to be completed during next quarter:

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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:**

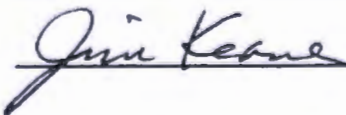
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**Work completed during current quarter:**

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**Work to be completed during next quarter:**

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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:**

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**Work completed during current quarter:**

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**Work to be completed during next quarter:**

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Consultant/  
 Contractor:  
 Project  
 Manager: *Jim Keane* 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 FLSB 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:

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Work completed during current quarter:

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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:

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Work completed during current quarter:

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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, Deten/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:

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Work completed during current quarter:

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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, Deten/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, 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	\$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:

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Work completed during current quarter:

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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, 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	\$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:**

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**Work completed during current quarter:**

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**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: MRLI 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: \_\_\_\_\_

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#: HN65

Entity: CITY OF HENDERSON

Facility Name: C1 NORTH  
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,

Date Prepared: 3/31/2020

MP Facility ID: 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	\$5,000.00	\$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 Tuscany subdivision. Act 15, Act 21, Act 25, Act 50 - East C-1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.

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

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

Consultant/  
Contractor:  
Project  
Manager:

Albert J. Jankowski

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT**

MWP Facility#: HN66

Entity: CITY OF HENDERSON

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

Date Prepared: 3/31/2020

MP Facility ID: 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 Lined 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>		Jun-2020

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

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

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

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. Jankowski

(702) 267-3024



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT**

MWP Facility#: HN67  
 Facility Name: PITTMAN CENTRAL NE  
 MP Facility ID: PTBR 0067-0175, PTGB 0058-0249, PTVW 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:

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#: 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#: HN69  
 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:

**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 - 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.

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  
 MP Facility ID: PTDW 0000-0088, PTFD 0000-0111, PTLM 0000-0078, PTMR 0000-0399, PTRE 0000-0267, PTST 0000-0170, PTVV 0000-0005

Entity: CITY OF HENDERSON  
 Date Prepared: 3/31/2020

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

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 Chennals	\$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 Tuscarry subdivision. Act 15, Act 21, Act 25, Act 50 - East C-1 Detention Basin (C1DC 0302 and C1DC 0303); response to Nevada Division of Water Resources-Dam Safety Engineer's Office requirement of immediate action. Act 25 - Drake Channel Confluence. Other expenditures on this facility were for regular maintenance activities.

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

Budgeted funding to be expended on this facility for regular maintenance activities.

Consultant/  
Contractor:  
Project  
Manager: Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
FY20 3RD QUARTERLY STATUS REPORT**

MWP Facility#: HN72  
 Facility Name: PITTMAN SEVEN HILLS  
 MP Facility ID: PTAP 0000-0191, PTEA 0000-0244, PTEA 0437-0439, PTGV 0000-0073, PTHD 0000-0020, PTPW 0000-0309, PTSH 0011-0084

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	\$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 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:

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>		\$100,000.00	\$100,000.00	\$8,192.17	8.2%	

**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>		\$100,000.00	\$0.00	\$3,405.25	3.4%	

**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>		\$900,000.00	\$1,148,000.00	\$1,065,509.14	92.8%	

**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* Phone Number: 702-346-5237  
 Travis H. Anderson P.E - PW Director

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>	\$14,300.00	\$0.00	\$3,308.60	23%	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*  
 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 & MNTP 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>	\$617,400.00	\$617,400.00	\$554,944.57	90%	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*  
 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: 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 # 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>	\$29,700.00	\$0.00	\$3,273.29	11%	30-Jun-20

**Delays or problem areas:**

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**Work completed during current quarter:**

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**Work to be completed during next quarter:**

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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  
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	430.32	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	1,820.29	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	(273.10)	\$ 1,726.90	339.58	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	5,434.50	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	2,784.27	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>(70,408.75)</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	(7,420.60)	\$ 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	48%	
	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>(116,621.13)</b>	<b>\$ 164,522.87</b>	<b>\$ 45,896.62</b>	<b>118,626.25</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	(18,862.22)	\$ 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	62.98	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	(3,367.69)	\$ 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	(1,901.29)	\$ 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>(93,477.69)</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		
	6 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	1,087.66	1,912.34	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 rockied 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	02.98	437.02	13%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	155.14	344.84	31%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -		\$ -	0.00	0.00		
	8 Species Survey and Removal	\$ -		\$ -	5.00	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	62.98	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	6,262.67	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	(8,138.25)	\$ 6,861.75	0.00	6,861.75	0%	
	21 Provide/Maintain Dust Control	\$ 70,000.00	(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	14,071.00	12,577.48	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 bridges, 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  
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	368.35	131.65	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	359.52	3,449.48	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	7,290.35	6,080.65	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	330.32	169.68	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	124.95	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

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**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: LVSR 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	10,382.00	13,367.08	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, 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: 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	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	\$ 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	(18,306.76)	\$ 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		\$ 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	(3,344.00)	\$ 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>\$ 84,786.04</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:**

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

**RECOMMENDATION SUMMARY**

**STAFF:** Accept the project presentation.

**TECHNICAL ADVISORY:** Accept the project presentation.

**CITIZENS ADVISORY:** Accept the project presentation.

**RFCD AGENDA  
ITEM #10a  
DATE: 05/21/2020**



**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

DUCK CREEK – JONES BOULEVARD STORM DRAIN

**PETITIONER:**

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

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

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

**BACKGROUND:**

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

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

Respectfully submitted,

<b>TAC AGENDA ITEM # 09a Date: 04.30.2020</b>	<b>RFCD AGENDA ITEM # 10a Date: 05.21.2020</b>
<b>CAC AGENDA ITEM # 09a Date: 04.30.2020</b>	

  
DENIS CEDERBURG  
Director of Public Works

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/20/2020

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

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

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

**Staff Recommendation:**

Accept the project presentation.

**Discussion by Technical Advisory Committee:**

AGENDA  
#09a Date: 04/30/2020

**Recommendation:**

Accept the project presentation.

**Discussion by Citizens Advisory Committee:**

AGENDA  
#09a Date: 04/30/2020

**Recommendation:**

Accept the project presentation.





# Department of Public Works

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

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



April 17, 2020

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

## DUCK CREEK – JONES BOULEVARD STORM DRAIN

Mr. Parrish:

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

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

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

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

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

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

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

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

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

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

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

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

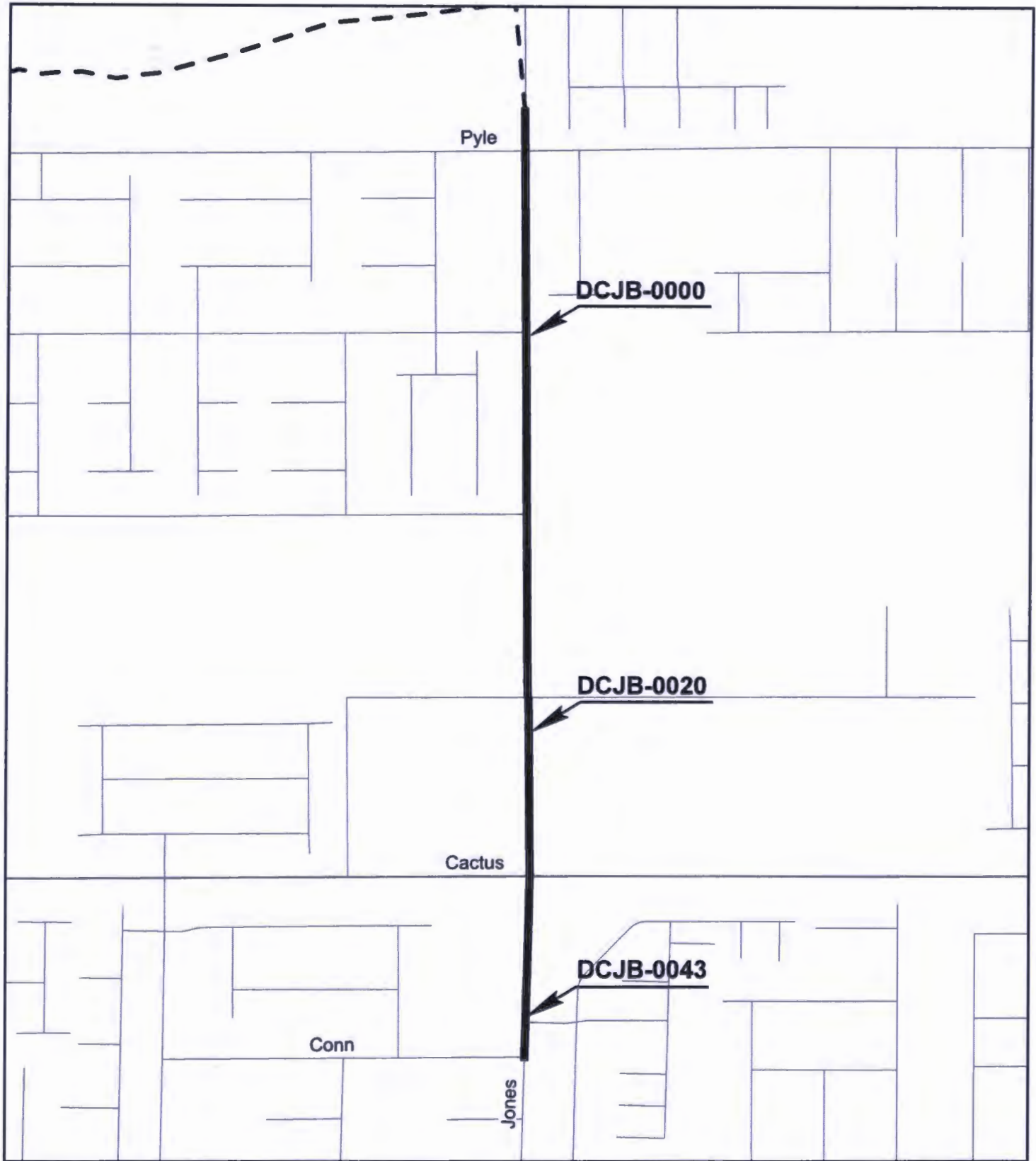
Sincerely,  
 Ryan Belsick  
Digitally signed  
 by Ryan Belsick  
 Date:  
 2020.04.17  
 13:01:48 -07'00'

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



RB:ss

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






**Legend**

-  Proposed
-  Existing

**Exhibit A**



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

Project Name: Jones Boulevard Phase II Erie Avenue to Pyle Avenue  
 Project Number: R033R16  
 Bid Number: XXXXXX-20  
 Opening Date: XXXXXX XX, 2020  
 L Number: 2283  
 Design Division Work Order Number: (enter in Bid Tab cell)

FUNDING BREAKDOWN

Item No.	Description	Quantity	Unit	Engineer's Estimate		RTC		CCFRCD		DEVELOPER	
				Unit Price	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
105.01	QUALITY CONTROL ADMINISTRATIVE INCENTIVE	1	LS	\$ 100,000.00	\$ 100,000.00		\$ 66,000.00		\$ 33,000.00		\$ 1,000.00
107.01	TRAFFIC CONTROL	270	DAY	\$ 556.00	\$ 150,120.00		\$ 99,079.20		\$ 49,539.60		\$ 1,501.20
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$ 400,000.00	\$ 400,000.00		\$ 264,000.00		\$ 132,000.00		\$ 4,000.00
109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	30	DAY	\$ 1,500.00	\$ 45,000.00		\$ 29,700.00		\$ 14,850.00		\$ 450.00
109.03	ADDITIONAL AMOUNT OVER \$1500/DAY & AS DETERMINED BY BIDDER	30	DAY	\$ 500.00	\$ 15,000.00		\$ 9,900.00		\$ 4,950.00		\$ 150.00
200.01	MOBILIZATION	1	LS	\$ 547,535.52	\$ 547,535.52		\$ 361,373.45		\$ 180,686.72		\$ 5,475.36
201.01	CLEARING AND GRUBBING	3	ACRE	\$ 5,000.00	\$ 15,000.00	3	\$ 15,000.00		\$ -		\$ -
202.01	REMOVE SIDEWALK/PEDESTAL	705	SF	\$ 3.00	\$ 2,115.00	705	\$ 2,115.00		\$ -		\$ -
202.02	REMOVE AND RESET EXISTING SIGN PANEL AND POST	1	EA	\$ 150.00	\$ 150.00	1	\$ 150.00		\$ -		\$ -
202.03	REMOVE AND SALVAGE SIGN AND POST	27	EA	\$ 50.00	\$ 1,350.00	27	\$ 1,350.00		\$ -		\$ -
202.04	REMOVE AND SALVAGE EXISTING SIGN PANEL	7	EA	\$ 38.00	\$ 266.00	7	\$ 266.00		\$ -		\$ -
202.05	REMOVE 18-INCH REINFORCED CONCRETE PIPE	233	LF	\$ 35.00	\$ 8,155.00	116.5	\$ 4,078	116.5	\$ 4,078		\$ -
202.06	REMOVE 36-INCH REINFORCED CONCRETE PIPE	34	LF	\$ 60.00	\$ 2,040.00	17.0	\$ 1,020	17.0	\$ 1,020		\$ -
202.07	REMOVE 48-INCH REINFORCED CONCRETE PIPE	287	LF	\$ 80.00	\$ 22,960.00	143.5	\$ 11,480	143.5	\$ 11,480		\$ -
202.08	REMOVE 72-INCH SANITARY SEWER MANHOLE	1	EA	\$ 4,000.00	\$ 4,000.00	0.5	\$ 2,000	0.5	\$ 2,000		\$ -
202.09	REMOVE TYPE I STORM DRAIN MANHOLE	3	EA	\$ 2,000.00	\$ 6,000.00	1.5	\$ 3,000	1.5	\$ 3,000		\$ -
202.10	REMOVE EXISTING 8-INCH PVC WATER LINE	94	LF	\$ 50.00	\$ 4,700.00	47.0	\$ 2,350	47.0	\$ 2,350		\$ -
202.11	REMOVE EXISTING 12-INCH PVC WATER LINE	148	LF	\$ 50.00	\$ 7,400.00	74.0	\$ 3,700	74.0	\$ 3,700		\$ -
202.12	REMOVE NDOT TYPE 2B DROP INLET	3	EA	\$ 1,000.00	\$ 3,000.00	1.5	\$ 1,500	1.5	\$ 1,500		\$ -
202.13	REMOVAL OF MEDIAN ISLAND	453	SF	\$ 5.00	\$ 2,265.00	453.0	\$ 2,265				\$ -
203.01	ROADWAY EXCAVATION	17933	CY	\$ 15.00	\$ 268,995.00	14,081	\$ 211,215.00	3852.0	\$ 57,780.00		\$ -
212.01	3/4" CONCRETE AGGREGATE ROCK (2-INCH)	1760	SY	\$ 3.00	\$ 5,280.00	1,760	\$ 5,280.00		\$ -		\$ -
216.01	COLD PLANING - FINE MILLING (1-INCH)	32617	SY	\$ 2.00	\$ 65,233.56	32,617	\$ 65,233.56		\$ -		\$ -
302.01	TYPE II AGGREGATE BASE	8376	CY	\$ 25.00	\$ 209,400.00	6,655	\$ 166,375.00	1721.0	\$ 43,025.00		\$ -
402.01	PLANTMIX BITUMINOUS PEDESTRIAN PATH	606	SF	\$ 7.00	\$ 4,242.00	606	\$ 4,242.00		\$ -		\$ -
402.02	PLANTMIX BITUMINOUS SURFACE	11004	TON	\$ 100.00	\$ 1,100,400.00	8,079	\$ 807,900.00	2925	\$ 292,500.00		\$ -
413.01	1" UTACS	65221	SY	\$ 7.00	\$ 456,549.27	56,554	\$ 395,880.27	8667	\$ 60,669.00		\$ -
502.01	10-FOOT X 3-FOOT REINFORCED CONCRETE BOX	697	LF	\$ 900.00	\$ 627,300.00	348.5	\$ 313,650	348.5	\$ 313,650		\$ -
502.02	10-FOOT X 4-FOOT REINFORCED CONCRETE BOX	1339	LF	\$ 930.00	\$ 1,245,270.00	669.5	\$ 622,635	669.5	\$ 622,635		\$ -



Project Name: Jones Boulevard Phase II Erie Avenue to Pyle Avenue  
 Project Number: R633R16  
 Bid Number: XXXXXX-20  
 Opening Date: XXXXXX XX, 2020  
 L Number: 2253  
 Design Division Work Order Number: (enter in Bid Tab cell)

FUNDING BREAKDOWN

Item No.	Description	Quantity	Unit	Engineer's Estimate		RTC		CCFRCD		DEVELOPER	
				Unit Price	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
502.03	12-FOOT X 4-FOOT REINFORCED CONCRETE BOX	318	LF	\$ 1,220.00	\$ 388,448.00	159.2	\$ 194,224	159.2	\$ 194,224		\$ -
502.04	14-FOOT X 8-FOOT REINFORCED CONCRETE BOX	1483	LF	\$ 1,300.00	\$ 1,927,900.00	741.5	\$ 963,950	741.5	\$ 963,950		\$ -
502.05	24-INCH REINFORCED CONCRETE PIPE PLUG	1	EA	\$ 1,250.00	\$ 1,250.00	0.5	\$ 625	0.5	\$ 625		\$ -
502.06	36-INCH REINFORCED CONCRETE PIPE PLUG	3	EA	\$ 1,500.00	\$ 4,500.00	1.5	\$ 2,250	1.5	\$ 2,250		\$ -
502.07	36-INCH X 60-INCH REINFORCED CONCRETE PIPE PLUG	2	EA	\$ 1,500.00	\$ 3,000.00	1.0	\$ 1,500	1.0	\$ 1,500		\$ -
502.08	12-FOOT X 4-FOOT REINFORCED CONCRETE BOX PLUG	1	EA	\$ 2,500.00	\$ 2,500.00	0.5	\$ 1,250	0.5	\$ 1,250		\$ -
502.09	10-FOOT X 3-FOOT TO 10-FOOT X 4-FOOT RCB TRANSITION STRUCTURE	23	LF	\$ 915.00	\$ 21,045.00	11.5	\$ 10,523	11.5	\$ 10,523		\$ -
502.10	10-FOOT X 4-FOOT RCB TO 14-FOOT X 6-FOOT CONFLUENCE TRANSITION	10	LF	\$ 1,115.00	\$ 11,150.00	5.0	\$ 5,575	5.0	\$ 5,575		\$ -
502.11	12-FOOT X 4-FOOT RCB TO 14-FOOT X 6-FOOT CONFLUENCE TRANSITION	10	LF	\$ 1,260.00	\$ 12,600.00	5.0	\$ 6,300	5.0	\$ 6,300		\$ -
502.12	14-FOOT X 6-FOOT RCB TO 14-FOOT X 6-FOOT CONFLUENCE TRANSITION	10	LF	\$ 1,300.00	\$ 13,000.00	5.0	\$ 6,500	5.0	\$ 6,500		\$ -
502.13	14-FOOT X 6-FOOT CONFLUENCE STRUCTURE	1	EA	\$ 40,390.00	\$ 40,390.00	0.5	\$ 20,195	0.5	\$ 20,195		\$ -
502.14	CULVERT HEADWALL	1	EA	\$ 2,000.00	\$ 2,000.00	0.5	\$ 1,000	0.5	\$ 1,000		\$ -
601.01	48-INCH REINFORCED CONCRETE PIPE CULVERT (CLASS III)	59	LF	\$ 100.00	\$ 5,900.00	29.5	\$ 2,950	29.5	\$ 2,950		\$ -
603.01	14-INCH X 23-INCH HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE (CLASS III)	75	LF	\$ 200.00	\$ 15,000.00	37.5	\$ 7,500	37.5	\$ 7,500		\$ -
603.02	18-INCH REINFORCED CONCRETE PIPE (CLASS III)	41	LF	\$ 160.00	\$ 6,560.00	20.5	\$ 3,280	20.5	\$ 3,280		\$ -
603.03	24-INCH REINFORCED CONCRETE PIPE (CLASS III)	74.1	LF	\$ 180.00	\$ 13,338.00	37.1	\$ 6,669	37.1	\$ 6,669		\$ -
603.04	30-INCH REINFORCED CONCRETE PIPE (CLASS III)	34	LF	\$ 215.00	\$ 7,310.00	17.0	\$ 3,655	17.0	\$ 3,655		\$ -
603.05	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	158	LF	\$ 225.00	\$ 35,100.00	78.0	\$ 17,550	78.0	\$ 17,550		\$ -
603.06	48-INCH REINFORCED CONCRETE PIPE (CLASS III)	38	LF	\$ 290.00	\$ 11,020.00	19.0	\$ 5,510	19.0	\$ 5,510		\$ -
603.07	36-INCH X 60-INCH HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE (CLASS III)	216	LF	\$ 400.00	\$ 86,400.00	108.0	\$ 43,200	108.0	\$ 43,200		\$ -
609.01	12.5-INCH TYPE CM2 DROP INLET	1	EA	\$ 16,250.00	\$ 16,250.00	0.5	\$ 8,125	0.5	\$ 8,125		\$ -
609.02	20-INCH TYPE CM2 DROP INLET	7	EA	\$ 26,000.00	\$ 182,000.00	3.5	\$ 91,000	3.5	\$ 91,000		\$ -
609.03	TYPE III STORM DRAIN MANHOLE	3	EA	\$ 8,000.00	\$ 24,000.00	1.5	\$ 12,000	1.5	\$ 12,000		\$ -
609.04	PRECAST REINFORCED CONCRETE BOX ACCESS MANHOLE	11	EA	\$ 8,000.00	\$ 88,000.00	5.5	\$ 44,000	5.5	\$ 44,000		\$ -
609.05	REINFORCED CONCRETE BOX LOW COVER MANHOLE	2	EA	\$ 8,000.00	\$ 16,000.00	1.0	\$ 8,000	1.0	\$ 8,000		\$ -
609.06	ADJUST STORM DRAIN MANHOLE COVER	9	EA	\$ 1,000.00	\$ 9,000.00	9	\$ 9,000.00		\$ -		\$ -
613.01	"A" TYPE ISLAND CURB	1918	LF	\$ 15.00	\$ 28,770.00	1,918	\$ 28,770.00		\$ -		\$ -
613.02	"L" TYPE CURB AND GUTTER	4588	LF	\$ 30.00	\$ 137,840.00	4,588	\$ 137,840.00		\$ -		\$ -
613.03	TACK-ON ISLAND CURB	398	LF	\$ 18.00	\$ 7,164.00	398	\$ 7,164.00		\$ -		\$ -

Project Name: Jones Boulevard Phase II Erie Avenue to Pyle Avenue  
 Project Number: R033R16  
 Bid Number: XXXXXX-20  
 Opening Date: XXXXXX XX, 2020  
 L Number: 2283  
 Design Division Work Order Number: (enter in Bid Tab cell)

FUNDING BREAKDOWN

Item No.	Description	Quantity	Unit	Engineer's Estimate		RTC		CCFRCD		DEVELOPER	
				Unit Price	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
613.04	TACK-ON MEDIAN ISLAND	3090	SF	\$ 10.00	\$ 30,900.00	3,090	\$ 30,900.00		\$ -		\$ -
613.05	CONCRETE MEDIAN ISLAND	4933	SF	\$ 15.00	\$ 73,995.00	4,933	\$ 73,995.00		\$ -		\$ -
613.06	CAST-IN-PLACE DETECTABLE WARNING PANEL	90	SF	\$ 40.00	\$ 3,600.00	90	\$ 3,600.00		\$ -		\$ -
613.07	CONCRETE SIDEWALK	5005	SF	\$ 10.00	\$ 50,050.00	2,285	\$ 22,850.00		\$ -	2720	\$ 27,200.00
613.08	CONCRETE CROSS GUTTER	1512	SF	\$ 40.00	\$ 60,480.00	330	\$ 13,200.00		\$ -	1182	\$ 47,280.00
619.01	K71 MARKER POST (YELLOW)	8	EA	\$ 250.00	\$ 2,000.00	8	\$ 2,000.00		\$ -		\$ -
623.01	TRAFFIC SIGNAL MODIFICATION (ERIE AVE)	1	LS	\$ 400,000.00	\$ 400,000.00	1	\$ 400,000.00		\$ -		\$ -
623.02	REMOVE FLASHING BEACON ASSEMBLY (ERIE AVE)	1	LS	\$ 7,500.00	\$ 7,500.00	1	\$ 7,500.00		\$ -		\$ -
623.03	TRAFFIC SIGNAL MODIFICATION (LEVI AVE)	1	LS	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00		\$ -		\$ -
623.04	INSTALL FLASHING BEACON ASSEMBLY (LEVI AVE)	1	LS	\$ 50,000.00	\$ 50,000.00	1	\$ 50,000.00		\$ -		\$ -
623.05	TRAFFIC SIGNAL MODIFICATION (CACTUS AVE)	1	LS	\$ 100,000.00	\$ 100,000.00	1	\$ 100,000.00		\$ -		\$ -
623.06	TRAFFIC SIGNAL MODIFICATION (PYLE AVE)	1	LS	\$ 25,000.00	\$ 25,000.00	1	\$ 25,000.00		\$ -		\$ -
623.07	MODIFY FLASHING BEACON ASSEMBLY (NO PYLE AVE)	1	LS	\$ 30,000.00	\$ 30,000.00	1	\$ 30,000.00		\$ -		\$ -
623.08	STREETLIGHT ASSEMBLY AND FOUNDATION	2	EA	\$ 3,500.00	\$ 7,000.00	2	\$ 7,000.00		\$ -		\$ -
623.09	P30 PULL BOX	13	EA	\$ 2,000.00	\$ 26,000.00	13	\$ 26,000.00		\$ -		\$ -
623.10	NO. 3-1/2 PULL BOX	1	EA	\$ 2,000.00	\$ 2,000.00	1	\$ 2,000.00		\$ -		\$ -
623.11	1-1/4-INCH PVC CONDUIT	470	LF	\$ 10.00	\$ 4,700.00	470	\$ 4,700.00		\$ -		\$ -
623.12	4-INCH PVC CONDUIT	15520	LF	\$ 15.00	\$ 232,800.00	15,520	\$ 232,800.00		\$ -		\$ -
623.13	#8 CONDUCTOR	510	LF	\$ 1.25	\$ 637.50	510	\$ 637.50		\$ -		\$ -
623.14	#4 CONDUCTOR	510	LF	\$ 1.75	\$ 892.50	510	\$ 892.50		\$ -		\$ -
623.15	6 PR #22 AWG CABLE	15910	LF	\$ 1.50	\$ 23,865.00	15,910	\$ 23,865.00		\$ -		\$ -
623.16	LED LUMINAIRE	26	EA	\$ 200.00	\$ 5,200.00	26	\$ 5,200.00		\$ -		\$ -
626.01	FINAL CLEANUP	1	LS	\$ 30,000.00	\$ 30,000.00	1	\$ 30,000.00		\$ -		\$ -
627.01	PERMANENT SIGN PANEL (D3-1, 12"XVAR)	36	EA	\$ 100.00	\$ 3,600.00	36	\$ 3,600.00		\$ -		\$ -
627.02	PERMANENT SIGN PANEL (R1-1, 36"X36")	18	EA	\$ 100.00	\$ 1,800.00	18	\$ 1,800.00		\$ -		\$ -
627.03	PERMANENT SIGN PANEL (R2-1, 30"X36")	6	EA	\$ 40.00	\$ 240.00	6	\$ 240.00		\$ -		\$ -
627.04	PERMANENT SIGN PANEL (R3-7R, 36"X36")	2	EA	\$ 150.00	\$ 300.00	2	\$ 300.00		\$ -		\$ -
627.05	PERMANENT SIGN PANEL (R3-4, 24"X24")	2	EA	\$ 100.00	\$ 200.00	2	\$ 200.00		\$ -		\$ -
627.06	PERMANENT SIGN PANEL (R3-17, 24"X18")	23	EA	\$ 100.00	\$ 2,300.00	23	\$ 2,300.00		\$ -		\$ -



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

FUNDING BREAKDOWN

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

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

FUNDING BREAKDOWN

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



# EXHIBIT C

## Clark County Regional Flood Control District Cash Flow Projection

Today's Date: 4/9/2020

Project Number: CLA38E20

### DUCK CREEK - JONES BOULEVARD STORM DRAIN

Project Name:

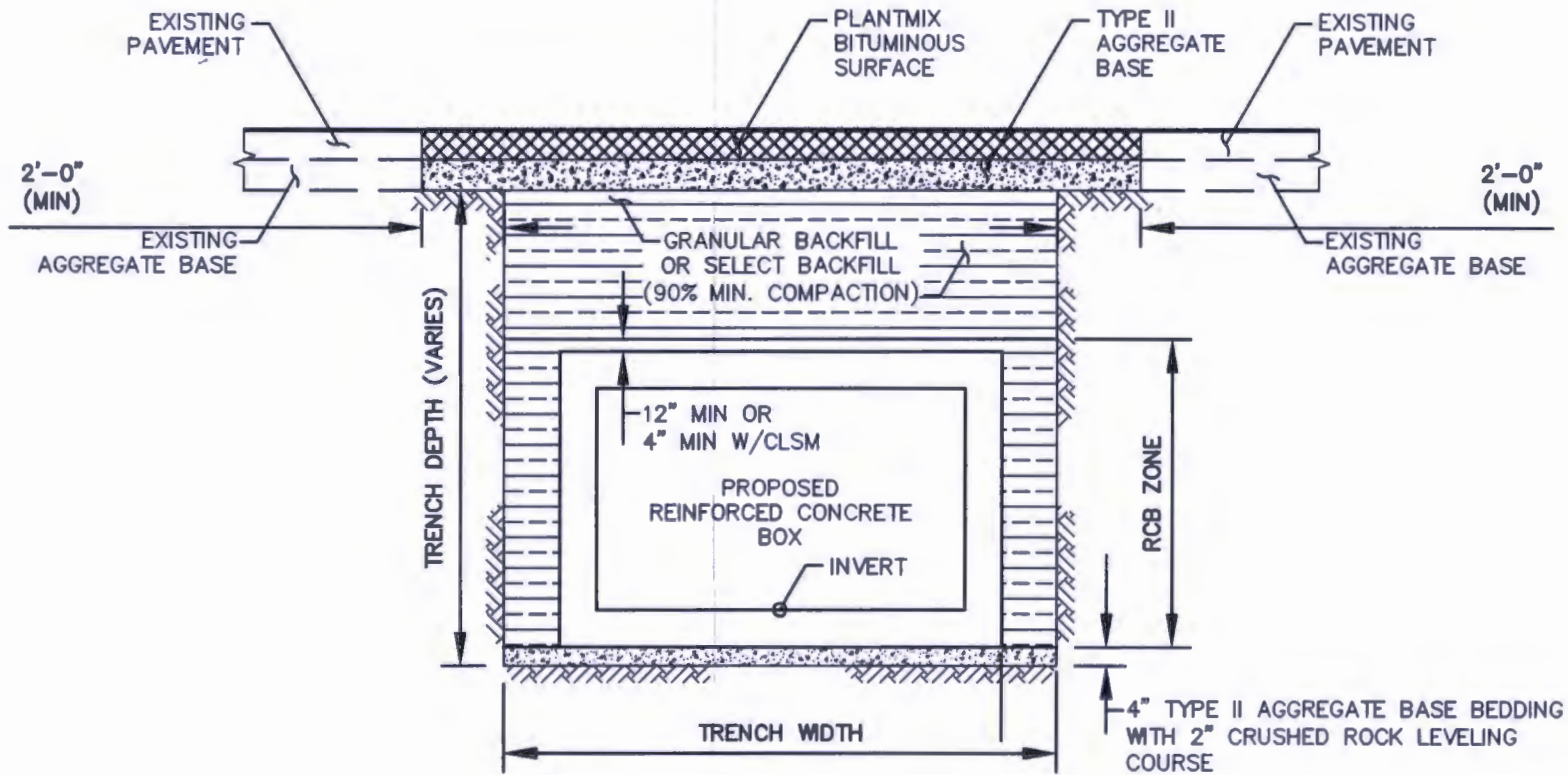
Project Type: Storm Drain

ILC Amount: \$ 3,650,769.00

#### Construction Schedule

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

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



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

CLARK COUNTY, NEVADA, DEPARTMENT OF PUBLIC WORKS





**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

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

**RECOMMENDATION SUMMARY**

**STAFF:**

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

**TECHNICAL ADVISORY:**

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

**CITIZENS ADVISORY:**

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

**RFCD AGENDA  
ITEM #10b  
DATE: 05/21/2020**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

DUCK CREEK – JONES BOULEVARD STORM DRAIN

**PETITIONER:**

DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

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

**FISCAL IMPACT:**

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

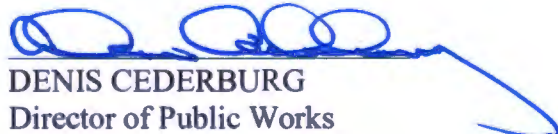
**BACKGROUND:**

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

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

Respectfully submitted,

<b>TAC AGENDA ITEM #09b Date: 04.30.2020</b>	<b>RFCD AGENDA ITEM # 10b Date: 05.21.2020</b>
<b>CAC AGENDA ITEM #09b Date: 04.30.2020</b>	

  
DENIS CEDERBURG  
Director of Public Works



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/20/2020

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

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

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

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

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

**Staff Recommendation:**

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

**Discussion by Technical Advisory Committee:**

AGENDA  
#09b Date: 04/30/2020

**Recommendation:**

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

**Discussion by Citizens Advisory Committee:**

AGENDA  
#09b Date: 04/30/2020

**Recommendation:**

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

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

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

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

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

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

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

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

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

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

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

**SECTION I - SCOPE OF PROJECT**

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

**SECTION II - PROJECT COSTS**

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

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



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

### **SECTION III - GENERAL**

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

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



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

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

Date of Commission Action: CLARK COUNTY BOARD OF COMMISSIONERS

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

Attest:

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

\*\*\*\*\*

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

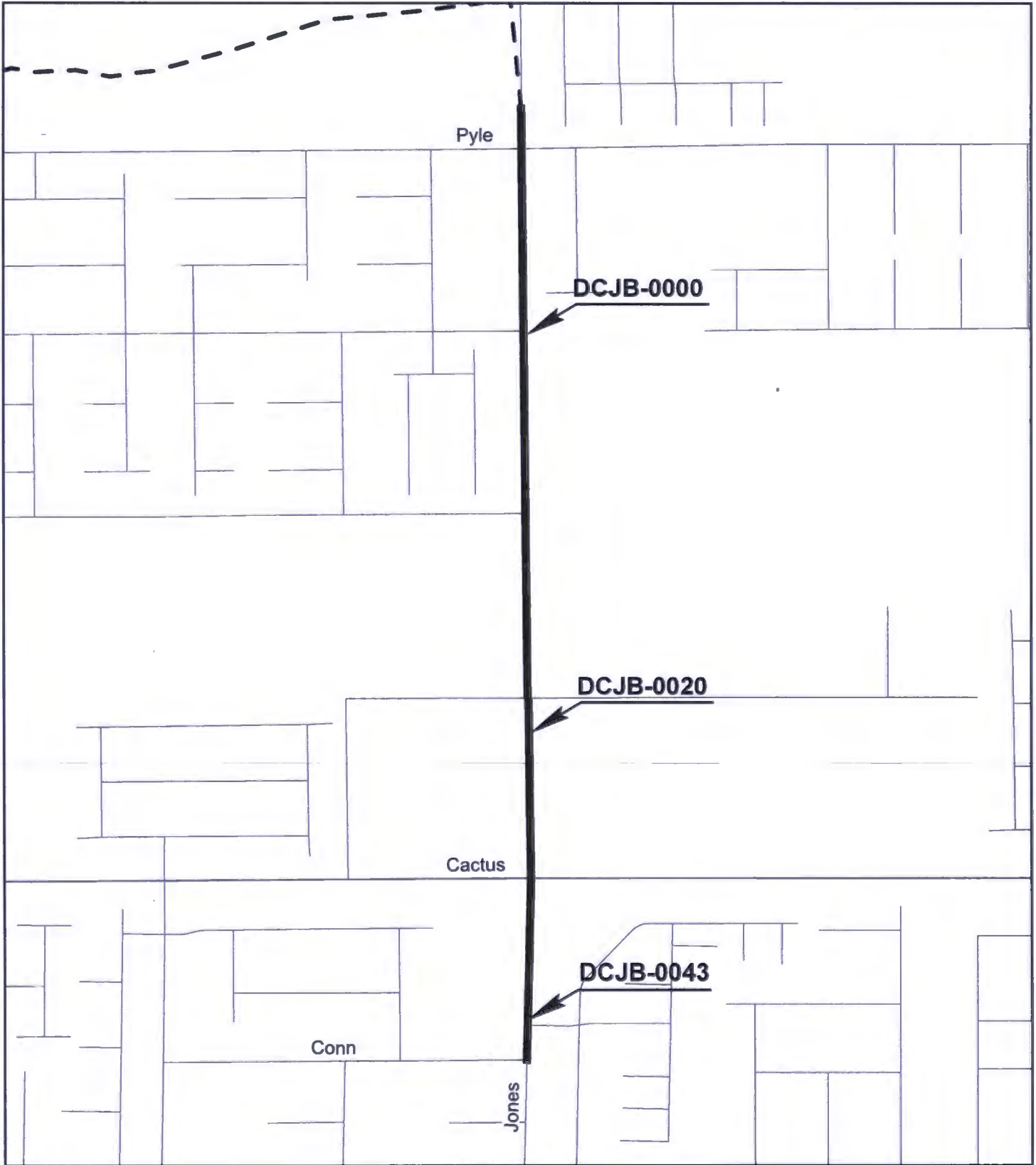
By: \_\_\_\_\_  
LAWRENCE L. BROWN, III, Chair

Attest:

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

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






**Legend**

- Proposed
- Existing

**Exhibit A**



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

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

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

**RECOMMENDATION SUMMARY**

**STAFF:** Accept the project presentation.

**TECHNICAL ADVISORY:** Accept the project presentation.

**CITIZENS ADVISORY:** Accept the project presentation.

RFCD AGENDA  
ITEM #11a  
DATE: 05/21/2020



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

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

**PETITIONER:** MIKE JANSSEN, DIRECTOR

CITY OF LAS VEGAS PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

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

**FISCAL IMPACT:** None by this action

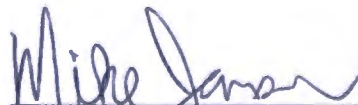
**BACKGROUND:**

The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Numbers FLBN 0170, 0180, 0205, 0275, and 0280 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District's Ten-Year Construction Program with design scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18' x 8' RCB, 12' x 6' RCB, 9' x 8' RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12' x 5' RCB, 6' x 5' RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue.

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

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

Respectfully submitted,

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

TAC AGENDA ITEM # 10a Date: 04/30/2020	RFCD AGENDA ITEM # 11a Date: 05/21/2020
CAC AGENDA ITEM # 10a Date: 04/30/2020	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/23/2020

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

The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Number FLBN 0170, 0180, 0205, 0275 and 0280 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18’ x 8’ RCB, 12’ x 6’ RCB, 9’ x 8’ RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12’ x 5’ RCB, 6’ x 5’ RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue.

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

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

**Staff Recommendation:**

Accept the project presentation.

**Discussion by Technical Advisory Committee:**

AGENDA  
#10a Date: 04/30/2020

**Recommendation:**

Accept the project presentation.

**Discussion by Citizens Advisory Committee:**

AGENDA  
#10a Date: 04/30/2020

**Recommendation:**

Accept the project presentation.





**LAS VEGAS  
CITY COUNCIL**

CAROLYN G. GOODMAN  
*Mayor*

MICHELE FIORE  
*Mayor Pro Tem*

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

SCOTT D. ADAMS  
*City Manager*

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



April 13, 2020

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

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

Dear Mr. Parrish:

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

**Project History and Project Description:** The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Number FLBN 0170, 0180, 0205, 0275, 0280 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18’ x 8’ RCB, 12’ x 6’ RCB, 9’ x 8’ RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12’ x 5’ RCB, 6’ x 5’ RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue. The improvements shall be funded through DISTRICT funds as herein described. This project is further identified and shown on the attached Exhibit “A”.

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

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

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

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

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

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

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

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

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

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

**Project Enhancements:** None.

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

Sincerely,



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

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

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



Clark County Regional Flood Control District Cash Flow Projection

Today's Date: 4/12/2020

Project Number: LAS29F20

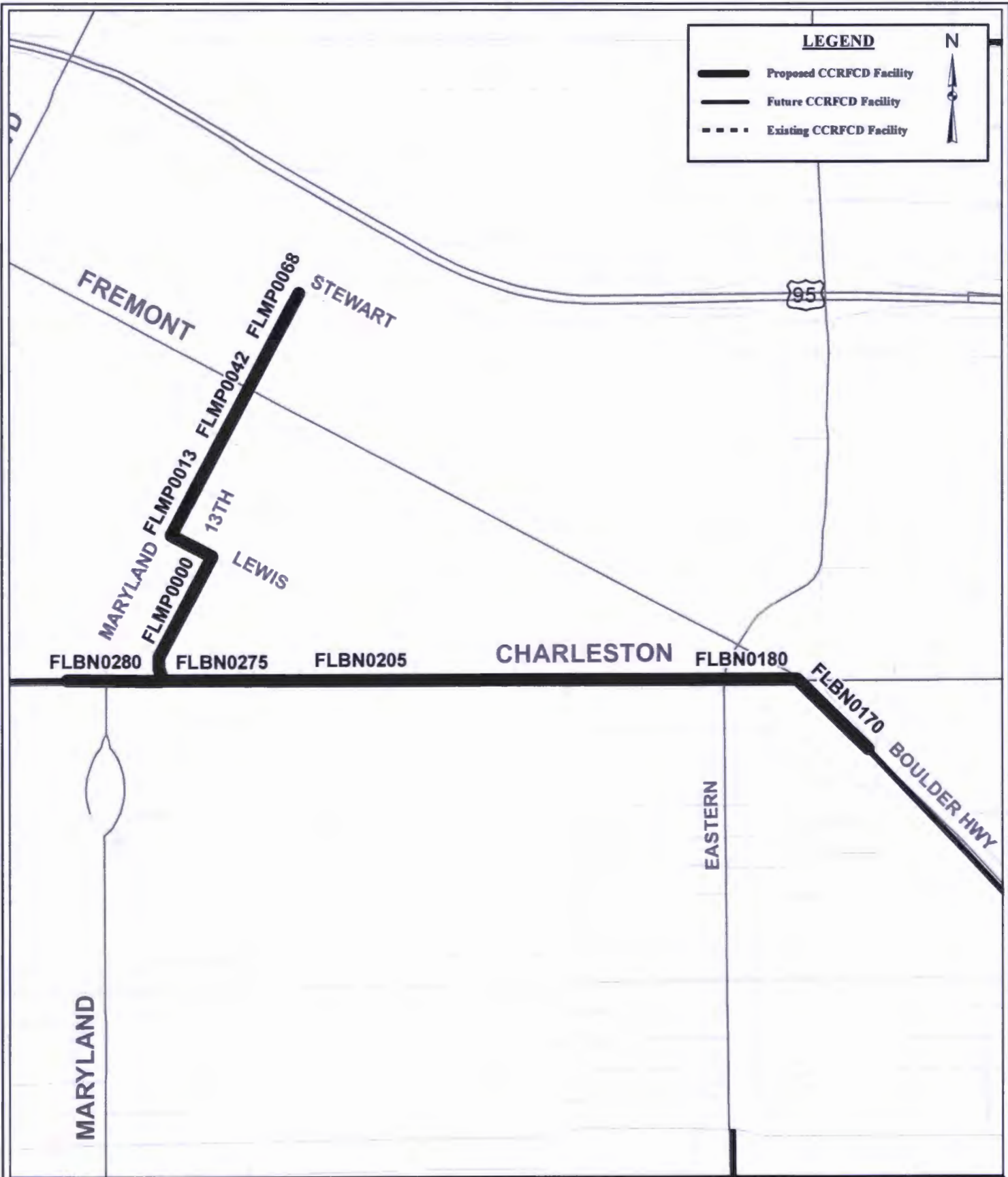
Project Name: Flamingo - Boulder Highway North, Charleston - Boulder Hwy to Maryland Pkwy and Maryland Pkwy System

Project Type: Storm Drain




ILC Amount: \$41,028,829


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

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



**LEGEND**

 Proposed CCRFCD Facility  
 Future CCRFCD Facility  
 Existing CCRFCD Facility

 N



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

(LAS29F20)

**SCALE: 1:13,000**  
**DRAWING NAME:**  
 Flamingo\_BoulderHwyNorth  
 Charleston\_MainSt-MarylandPky-EAST  
**DRAWN BY: C. JONES**  
**DATE: 04/22/2020**  
**SHEET NUMBER 1 OF 1**



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

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



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

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		RTC		LVVWD		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
603.16	48-INCH C900 PVC PIPE	28.00	480.00	LF	0.00	\$ -	28.00	\$ 13,440.00	0.00	\$ -	28.00	\$13,440.00
609.01	60-INCH TYPE I STORM DRAIN MANHOLE	5.00	11,200.00	EA	3.00	\$ 33,600.00	2.00	\$ 22,400.00	0.00	\$ -	5.00	\$56,000.00
609.02	TYPE II STORM DRAIN MANHOLE	51.00	15,000.00	EA	39.00	\$ 585,000.00	12.00	\$ 180,000.00	0.00	\$ -	51.00	\$765,000.00
609.03	TYPE III STORM DRAIN MANHOLE	21.00	14,000.00	EA	21.00	\$ 294,000.00	0.00	\$ -	0.00	\$ -	21.00	\$294,000.00
609.04	RCB RISER MANHOLE	29.00	4,500.00	EA	29.00	\$ 130,500.00	0.00	\$ -	0.00	\$ -	29.00	\$130,500.00
609.05	2.5-FOOT TYPE "CM2" DROP INLET	1.00	8,000.00	EA	0.00	\$ -	1.00	\$ 8,000.00	0.00	\$ -	1.00	\$8,000.00
609.06	5-FOOT TYPE "CM2" DROP INLET	11.00	12,000.00	EA	0.00	\$ -	11.00	\$ 132,000.00	0.00	\$ -	11.00	\$132,000.00
609.07	5-FOOT TYPE "CM" DROP INLET	6.00	14,000.00	EA	0.00	\$ -	6.00	\$ 84,000.00	0.00	\$ -	6.00	\$84,000.00
609.08	10-FOOT TYPE "CM2" DROP INLET	5.00	17,000.00	EA	0.00	\$ -	5.00	\$ 85,000.00	0.00	\$ -	5.00	\$85,000.00
609.09	10-FOOT TYPE "CM" DROP INLET	3.00	19,000.00	EA	0.00	\$ -	3.00	\$ 57,000.00	0.00	\$ -	3.00	\$57,000.00
609.10	12.5-FOOT TYPE "CM2" DROP INLET	4.00	19,000.00	EA	0.00	\$ -	4.00	\$ 76,000.00	0.00	\$ -	4.00	\$76,000.00
609.11	12.5-FOOT TYPE "CM" DROP INLET	6.00	21,000.00	EA	0.00	\$ -	6.00	\$ 126,000.00	0.00	\$ -	6.00	\$126,000.00
609.12	15-FOOT TYPE "CM2" DROP INLET	8.00	21,000.00	EA	0.00	\$ -	8.00	\$ 168,000.00	0.00	\$ -	8.00	\$168,000.00
609.13	15-FOOT TYPE "CM" DROP INLET	3.00	29,000.00	EA	0.00	\$ -	3.00	\$ 87,000.00	0.00	\$ -	3.00	\$87,000.00
609.14	17.5-FOOT TYPE "CM" DROP INLET	1.00	23,000.00	EA	0.00	\$ -	1.00	\$ 23,000.00	0.00	\$ -	1.00	\$23,000.00
609.15	20-FOOT TYPE "CM2" DROP INLET	16.00	25,000.00	EA	0.00	\$ -	16.00	\$ 400,000.00	0.00	\$ -	16.00	\$400,000.00
609.16	20-FOOT TYPE "CM" DROP INLET	17.00	27,000.00	EA	0.00	\$ -	17.00	\$ 459,000.00	0.00	\$ -	17.00	\$459,000.00
609.17	5-FOOT SPECIAL DESIGN TYPE "CM2" DROP INLET	1.00	13,000.00	EA	0.00	\$ -	1.00	\$ 13,000.00	0.00	\$ -	1.00	\$13,000.00
609.18	5-FOOT SPECIAL DESIGN DEEP TYPE "CM2" DROP INLET	4.00	15,000.00	EA	0.00	\$ -	4.00	\$ 60,000.00	0.00	\$ -	4.00	\$60,000.00
609.19	5-FOOT SPECIAL DESIGN DEEP TYPE "CM" DROP INLET	2.00	18,000.00	EA	0.00	\$ -	2.00	\$ 36,000.00	0.00	\$ -	2.00	\$36,000.00
609.20	7.5-FOOT SPECIAL DESIGN DEEP TYPE "CM2" DROP INLET	1.00	18,000.00	EA	0.00	\$ -	1.00	\$ 18,000.00	0.00	\$ -	1.00	\$18,000.00
609.21	10-FOOT SPECIAL DESIGN DEEP TYPE "CM2" DROP INLET	1.00	18,000.00	EA	0.00	\$ -	1.00	\$ 18,000.00	0.00	\$ -	1.00	\$18,000.00
609.22	10-FOOT SPECIAL DESIGN DEEP TYPE "CM" DROP INLET	2.00	21,000.00	EA	0.00	\$ -	2.00	\$ 42,000.00	0.00	\$ -	2.00	\$42,000.00
609.23	12.5-FOOT SPECIAL DESIGN DEEP TYPE "CM" DROP INLET	1.00	24,000.00	EA	0.00	\$ -	1.00	\$ 24,000.00	0.00	\$ -	1.00	\$24,000.00
609.24	15-FOOT SPECIAL DESIGN DEEP TYPE "CM2" DROP INLET	1.00	25,000.00	EA	0.00	\$ -	1.00	\$ 25,000.00	0.00	\$ -	1.00	\$25,000.00
609.25	15-FOOT SPECIAL DESIGN DEEP TYPE "CM" DROP INLET	1.00	28,000.00	EA	0.00	\$ -	1.00	\$ 28,000.00	0.00	\$ -	1.00	\$28,000.00
609.26	20-FOOT SPECIAL DESIGN DEEP TYPE "CM2" DROP INLET	5.00	32,000.00	EA	0.00	\$ -	5.00	\$ 160,000.00	0.00	\$ -	5.00	\$160,000.00
609.27	20-FOOT SPECIAL DESIGN DEEP TYPE "CM" DROP INLET	3.00	35,000.00	EA	0.00	\$ -	3.00	\$ 105,000.00	0.00	\$ -	3.00	\$105,000.00
609.28	VERTICALLY ADJUST STORM DRAIN MANHOLE TO FINISH GRADE	8.00	1,500.00	EA	8.00	\$ 12,000.00	0.00	\$ -	0.00	\$ -	8.00	\$12,000.00
613.01	TYPE A CURB	5,830.00	25	LF	0.00	\$ -	5,830.00	\$ 145,750.00	0.00	\$ -	5,830.00	\$145,750.00
613.02	MODIFIED TYPE A CURB	40.00	50	LF	0.00	\$ -	40.00	\$ 2,000.00	0.00	\$ -	40.00	\$2,000.00
613.03	TYPE 2 CURB	1,380.00	40	LF	0.00	\$ -	1,380.00	\$ 55,200.00	0.00	\$ -	1,380.00	\$55,200.00
613.04	TYPE 1 CURB AND GUTTER	270.00	50	LF	0.00	\$ -	270.00	\$ 13,500.00	0.00	\$ -	270.00	\$13,500.00
613.05	CONCRETE SIDEWALK	1,010.00	10	SF	0.00	\$ -	1,010.00	\$ 10,100.00	0.00	\$ -	1,010.00	\$10,100.00
613.06	CONCRETE CROSS GUTTER	10,310.00	20	SF	0.00	\$ -	10,310.00	\$ 206,200.00	0.00	\$ -	10,310.00	\$206,200.00
613.07	CONCRETE MEDIAN SURFACE	6,830.00	10	SF	0.00	\$ -	6,830.00	\$ 68,300.00	0.00	\$ -	6,830.00	\$68,300.00
613.08	MEDIAN PAVERS	2,880.00	30	SF	0.00	\$ -	2,880.00	\$ 86,400.00	0.00	\$ -	2,880.00	\$86,400.00
613.09	CAST-IN-PLACE DETECTABLE WARNING PANEL	4.00	1,000	EA	0.00	\$ -	4.00	\$ 4,000.00	0.00	\$ -	4.00	\$4,000.00
616.01	PEDESTRIAN RAIL (TYPE R)	35.00	350.00	LF	0.00	\$ -	35.00	\$ 12,250.00	0.00	\$ -	35.00	\$12,250.00
619.01	K71 SELF RE-ERECTING MARKER POST (YELLOW)	8.00	250	EA	0.00	\$ -	8.00	\$ 2,000.00	0.00	\$ -	8.00	\$2,000.00
622.01	CONSTRUCTION SURVEYING	1.00	225,000.00	LS	1.00	\$ 225,000.00	0.00	\$ -	0.00	\$ -	1.00	\$225,000.00
623.01	LOOP DETECTOR REPLACEMENT (CHARLESTON BLVD / MARYLAND PKWY)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.02	LOOP DETECTOR REPLACEMENT (CHARLESTON BLVD / 15TH	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.03	LOOP DETECTOR REPLACEMENT (CHARLESTON BLVD / BRUCE ST)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.04	LOOP DETECTOR REPLACEMENT (CHARLESTON BLVD / EASTERN AVE)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.05	LOOP DETECTOR REPLACEMENT (CHARLESTON BLVD / FREMONT ST)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.06	LOOP DETECTOR REPLACEMENT (FRANKLIN AVE / MARYLAND PKWY)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.07	LOOP DETECTOR REPLACEMENT (BONNEVILLE AVE / MARYLAND PKWY)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.08	LOOP DETECTOR REPLACEMENT (CLARK AVE / MARYLAND PKWY)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.09	LOOP DETECTOR REPLACEMENT (STEWART AVE / MARYLAND PKWY)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.10	LOOP DETECTOR REPLACEMENT (OGDEN AVE / MARYLAND PKWY)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.11	LOOP DETECTOR REPLACEMENT (FREMONT ST / MARYLAND PKWY)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.12	LOOP DETECTOR REPLACEMENT (CARSON AVE / MARYLAND PKWY)	1.00	75,000	LS	0.00	\$ -	1.00	\$ 75,000.00	0.00	\$ -	1.00	\$75,000.00
623.13	LOOP DETECTOR REPLACEMENT (FREMONT ST / EASTERN AVE)	1.00	100,000	LS	0.00	\$ -	1.00	\$ 100,000.00	0.00	\$ -	1.00	\$100,000.00
623.14	TRAFFIC SIGNAL / INTERCONNECT CONDUIT PROTECTION REMOVE AND RESET STREETLIGHT ASSEMBLY ON NEW FOUNDATION	1.00	500,000	LS	0.842	\$ 421,000.00	0.00	\$ -	0.158	\$ 79,000.00	1.00	\$500,000.00
623.15		10.00	5,200	EA	10.00	\$ 52,000.00	0.00	\$ -	0.00	\$ -	10.00	\$52,000.00



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

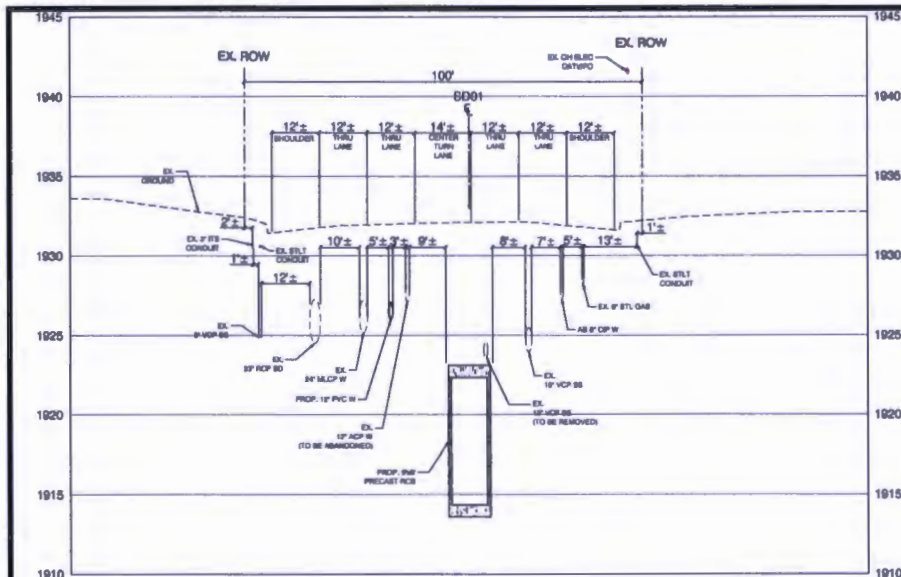
ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		RTC		LVVWD		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
623.16	REMOVE AND RESET TYPE 1 RRFB POLE ASSEMBLY ON NEW FOUNDATION	2.00	6,100	EA	2.00	\$ 12,200.00	0.00	\$ -	0.00	\$ -	2.00	\$12,200.00
623.17	RELOCATE COPPER ITS	1.00	12,000	LS	1.00	\$ 12,000.00	0.00	\$ -	0.00	\$ -	1.00	\$12,000.00
624.01	TRAFFIC CONTROL AND MAINTENANCE	1.00	1,800,000	LS	0.629	\$ 1,132,200.00	0.253	\$ 455,400.00	0.118	\$ 212,400.00	1.00	\$1,800,000.00
627.01	PERMANENT SIGN (GROUND MOUNTED)	12.00	300	EA	12.00	\$ 3,600.00	0.00	\$ -	0.00	\$ -	12.00	\$3,600.00
628.01	TYPE 2 "ONLY" MARKING	12.00	300	EA	0.00	\$ -	12.00	\$ 3,600.00	0.00	\$ -	12.00	\$3,600.00
628.02	TYPE 2 (ARROW) MARKING	142.00	250	EA	0.00	\$ -	142.00	\$ 35,500.00	0.00	\$ -	142.00	\$35,500.00
628.03	TYPE 2 (BIKE LEGEND) MARKING	7.00	250	EA	0.00	\$ -	7.00	\$ 1,750.00	0.00	\$ -	7.00	\$1,750.00
628.04	TYPE 2 MARKING FOR CROSSWALKS, YIELD BARS, AND STOP BARS	18,400.00	6	SF	0.00	\$ -	18,400.00	\$ 110,400.00	0.00	\$ -	18,400.00	\$110,400.00
628.05	TYPE 2 WHITE CHEVRON MARKING	30.00	6	SF	0.00	\$ -	30.00	\$ 180.00	0.00	\$ -	30.00	\$180.00
628.06	TYPE 2 YELLOW DIAGONAL MARKING	210.00	6	SF	0.00	\$ -	210.00	\$ 1,260.00	0.00	\$ -	210.00	\$1,260.00
628.07	PREFORMED THERMOPLASTIC GREEN BIKE LANE	60.00	10	SF	0.00	\$ -	60.00	\$ 600.00	0.00	\$ -	60.00	\$600.00
628.08	MEDIAN NOSE MARKINGS AND MARKERS	8.00	250	EA	0.00	\$ -	8.00	\$ 2,000.00	0.00	\$ -	8.00	\$2,000.00
628.09	6-INCH SOLID WHITE LINE (POLYUREA)	5,240.00	2	EA	0.00	\$ -	5,240.00	\$ 7,860.00	0.00	\$ -	5,240.00	\$7,860.00
628.10	8-INCH SOLID WHITE LINE (POLYUREA)	8,800.00	2	EA	0.00	\$ -	8,800.00	\$ 17,600.00	0.00	\$ -	8,800.00	\$17,600.00
628.11	8-INCH X 3-FOOT SKIP WHITE LINE (POLYUREA)	280.00	2	EA	0.00	\$ -	280.00	\$ 420.00	0.00	\$ -	280.00	\$420.00
629.01	24-INCH X 16-INCH WET TAP CONNECTION	2.00	115,000	EA	0.00	\$ -	2.00	\$ -	2.00	\$ 230,000.00	2.00	\$230,000.00
629.02	12-INCH X 8-INCH WET TAP CONNECTION	3.00	25,000	EA	0.00	\$ -	3.00	\$ -	3.00	\$ 75,000.00	3.00	\$75,000.00
629.03	12-INCH X 6-INCH WET TAP CONNECTION	2.00	23,000	EA	0.00	\$ -	2.00	\$ -	2.00	\$ 46,000.00	2.00	\$46,000.00
629.04	8-INCH X 6-INCH WET TAP CONNECTION	1.00	20,000	EA	0.00	\$ -	1.00	\$ -	1.00	\$ 20,000.00	1.00	\$20,000.00
629.05	6-INCH X 4-INCH WET TAP CONNECTION	1.00	18,000	EA	0.00	\$ -	1.00	\$ -	1.00	\$ 18,000.00	1.00	\$18,000.00
629.06	24-INCH POLY WRAPPED CLASS 250 DUCTILE IRON	684.00	420	LF	0.00	\$ -	0.00	\$ -	684.00	\$ 287,280.00	684.00	\$287,280.00
629.07	16-INCH POLY WRAPPED CLASS 250 DUCTILE IRON	1,020.00	320	LF	0.00	\$ -	0.00	\$ -	1,020.00	\$ 326,400.00	1,020.00	\$326,400.00
629.08	12-INCH POLY WRAPPED CLASS 350 DUCTILE IRON	566.00	370	LF	207.00	\$ 76,590.00	0.00	\$ -	359.00	\$ 132,830.00	566.00	\$209,420.00
629.09	8-INCH POLY WRAPPED CLASS 350 DUCTILE IRON WATERLINE	1,076.00	230	LF	218.00	\$ 50,140.00	0.00	\$ -	858.00	\$ 197,340.00	1,076.00	\$247,480.00
629.10	6-INCH POLY WRAPPED CLASS 350 DUCTILE IRON WATERLINE	102.00	170	LF	50.00	\$ 8,500.00	0.00	\$ -	52.00	\$ 8,840.00	102.00	\$17,340.00
629.11	12-INCH C900 PVC WATERLINE	7,537.00	200	LF	0.00	\$ -	0.00	\$ -	7,537.00	\$ 1,507,400.00	7,537.00	\$1,507,400.00
629.12	8-INCH C900 PVC WATERLINE	4,280.00	175	LF	464.00	\$ 81,200.00	0.00	\$ -	3,816.00	\$ 667,800.00	4,280.00	\$749,000.00
629.13	16-INCH GATE VALVE	4.00	9,520	EA	0.00	\$ -	0.00	\$ -	4.00	\$ 38,080.00	4.00	\$38,080.00
629.14	12-INCH GATE VALVE	29.00	4,500	EA	0.00	\$ -	0.00	\$ -	29.00	\$ 130,500.00	29.00	\$130,500.00
629.15	10-INCH GATE VALVE	1.00	3,750	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 3,750.00	1.00	\$3,750.00
629.16	8-INCH GATE VALVE	40.00	3,200	EA	5.00	\$ 16,000.00	0.00	\$ -	35.00	\$ 112,000.00	40.00	\$128,000.00
629.17	6-INCH GATE VALVE	3.00	2,750	EA	1.00	\$ 2,750.00	0.00	\$ -	2.00	\$ 5,500.00	3.00	\$8,250.00
629.18	1-INCH SERVICE LATERAL RE-CONNECTION	70.00	5,050	EA	11.00	\$ 55,550.00	0.00	\$ -	59.00	\$ 297,950.00	70.00	\$353,500.00
629.19	1.5-INCH SERVICE LATERAL RE-CONNECTION	19.00	5,860	EA	0.00	\$ -	0.00	\$ -	19.00	\$ 111,340.00	19.00	\$111,340.00
629.20	2-INCH SERVICE LATERAL RE-CONNECTION	20.00	6,670	EA	0.00	\$ -	0.00	\$ -	20.00	\$ 133,400.00	20.00	\$133,400.00
629.21	FIRE HYDRANT AND BACKFLOW DEVICE LATERAL RE-CONNECTION	24.00	5,570	EA	1.00	\$ 5,570.00	0.00	\$ -	23.00	\$ 128,110.00	24.00	\$133,680.00
629.22	1-INCH SERVICE LATERAL AND METER	19.00	6,210	EA	0.00	\$ -	0.00	\$ -	19.00	\$ 117,990.00	19.00	\$117,990.00
629.23	2-INCH SERVICE LATERAL AND METER	1.00	9,110	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 9,110.00	1.00	\$9,110.00
629.24	1-INCH RPPA TO BE INSTALLED WITHIN RIGHT-OF-WAY	14.00	2,985	EA	0.00	\$ -	0.00	\$ -	14.00	\$ 41,790.00	14.00	\$41,790.00
629.25	1.5-INCH RPPA TO BE INSTALLED WITHIN RIGHT-OF-WAY	2.00	3,700	EA	0.00	\$ -	0.00	\$ -	2.00	\$ 7,400.00	2.00	\$7,400.00
629.26	RETROFIT EXISTING DCDA TO RPPA	1.00	20,000	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 20,000.00	1.00	\$20,000.00
629.27	1-INCH RPPA (APN: 139-34-814-003)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.28	1-INCH RPPA (APN: 139-35-401-003)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.29	1-INCH RPPA (APN: 139-35-803-023)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.30	1-INCH RPPA (APN: 139-35-803-024)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.31	1-INCH RPPA (APN: 139-35-803-025)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.32	1-INCH RPPA (APN: 139-35-803-026)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.33	2-INCH RPPA (APN: 182-02-110-007)	2.00	4,415	EA	0.00	\$ -	0.00	\$ -	2.00	\$ 8,830.00	2.00	\$8,830.00
629.34	1-INCH RPPA (APN: 182-02-113-004)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.35	1-INCH RPPA (APN: 182-02-113-007)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.36	1-INCH RPPA (APN: 182-02-113-021)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.37	1-INCH RPPA (APN: 182-02-114-002)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.38	1-INCH RPPA (APN: 182-02-114-003)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.39	1-INCH RPPA (APN: 182-02-512-003)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.40	1-INCH RPPA (APN: 182-02-512-004)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.41	1-INCH RPPA (APN: 182-02-512-005)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.42	1-INCH RPPA (APN: 182-02-512-006)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.43	1.5-INCH RPPA (APN: 182-02-512-007)	1.00	3,700	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 3,700.00	1.00	\$3,700.00
629.44	1-INCH RPPA (APN: 182-02-512-013)	1.00	2,985	EA	0.00	\$ -	0.00	\$ -	1.00	\$ 2,985.00	1.00	\$2,985.00
629.45	REPLACE 6-INCH ACP WATERLINE WITH DUCTILE IRON PIPE	9.00	250	LF	9.00	\$ 2,250.00	0.00	\$ -	0.00	\$ -	9.00	\$2,250.00
629.46	REPLACE 8-INCH ACP WATERLINE WITH DUCTILE IRON PIPE	59.00	175	LF	59.00	\$ 10,325.00	0.00	\$ -	0.00	\$ -	59.00	\$10,325.00
629.47	AV/AR ASSEMBLY AND PIPING	4.00	12,570	EA	3.00	\$ 37,710.00	0.00	\$ -	1.00	\$ 12,570.00	4.00	\$50,280.00
629.48	BLOW-OFF ASSEMBLY AND PIPING	10.00	12,435	EA	2.00	\$ 24,870.00	0.00	\$ -	8.00	\$ 99,480.00	10.00	\$124,350.00
629.49	18-INCH STEEL CASING SLEEVE	272.00	150	LF	83.00	\$ 12,450.00	0.00	\$ -	189.00	\$ 28,350.00	272.00	\$40,800.00
629.50	30-INCH STEEL CASING SLEEVE	38.00	375	LF	0.00	\$ -	0.00	\$ -	38.00	\$ 14,250.00	38.00	\$14,250.00
629.51	VERTICALLY ADJUST WATER VALVE BOX TO FINISH GRADE	142.00	725	EA	14.00	\$ 10,150.00	0.00	\$ -	128.00	\$ 92,800.00	142.00	\$102,950.00
629.52	MISCELLANEOUS LVVWD REQUIRED FIELD ADJUSTMENTS	1.00	200,000	FA	0.00	\$ -	0.00	\$ -	1.00	\$ 200,000.00	1.00	\$200,000.00



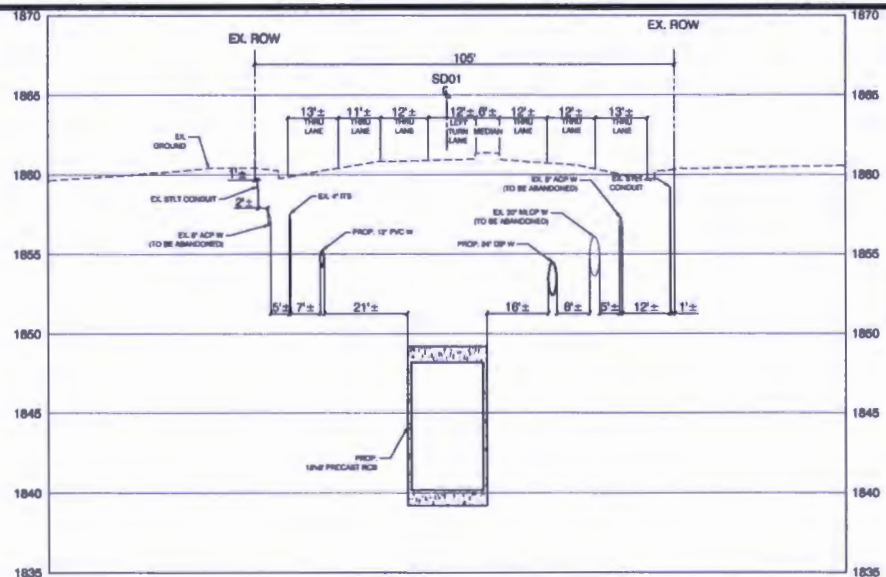
Option of Probable Construction Cost by Funding Source for  
CHARLESTON / MARYLAND STORM DRAIN

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		RTC		LVVWD		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
630.01	8-INCH SDR35 PVC SANITARY SEWER	313.00	250	LF	313.00	\$ 78,250.00	0.00	\$ -	0.00	\$ -	313.00	\$78,250.00
630.02	8-INCH C900 PVC SANITARY SEWER	479.00	300	LF	479.00	\$ 143,700.00	0.00	\$ -	0.00	\$ -	479.00	\$143,700.00
630.03	10-INCH SDR35 PVC SANITARY SEWER	239.00	280	LF	239.00	\$ 66,920.00	0.00	\$ -	0.00	\$ -	239.00	\$66,920.00
630.04	10-INCH C900 PVC SANITARY SEWER	507.00	330	LF	507.00	\$ 167,310.00	0.00	\$ -	0.00	\$ -	507.00	\$167,310.00
630.05	12-INCH C900 PVC SANITARY SEWER	145.00	350	LF	145.00	\$ 50,750.00	0.00	\$ -	0.00	\$ -	145.00	\$50,750.00
630.06	15-INCH SDR35 PVC SANITARY SEWER	29.00	350	LF	29.00	\$ 10,150.00	0.00	\$ -	0.00	\$ -	29.00	\$10,150.00
630.07	21-INCH SR35 PVC SANITARY SEWER	202.00	430	LF	202.00	\$ 86,860.00	0.00	\$ -	0.00	\$ -	202.00	\$86,860.00
630.08	24-INCH C900 PVC SANITARY SEWER	865.00	450	LF	865.00	\$ 389,250.00	0.00	\$ -	0.00	\$ -	865.00	\$389,250.00
630.09	PRECAST 48-INCH SEWER MANHOLE	7.00	6,500	EA	7.00	\$ 45,500.00	0.00	\$ -	0.00	\$ -	7.00	\$45,500.00
630.10	PRECAST 48-INCH SEWER MANHOLE W/ CAST-IN-PLACE BASE	11.00	6,500	EA	11.00	\$ 71,500.00	0.00	\$ -	0.00	\$ -	11.00	\$71,500.00
630.11	PRECAST 60-INCH SEWER MANHOLE	5.00	8,400	EA	5.00	\$ 42,000.00	0.00	\$ -	0.00	\$ -	5.00	\$42,000.00
630.12	PRECAST 60-INCH SEWER MANHOLE W/ CAST-IN-PLACE BASE	6.00	8,400	EA	6.00	\$ 50,400.00	0.00	\$ -	0.00	\$ -	6.00	\$50,400.00
630.13	PRECAST 72-INCH SEWER MANHOLE	1.00	10,500	EA	1.00	\$ 10,500.00	0.00	\$ -	0.00	\$ -	1.00	\$10,500.00
630.14	PRECAST 72-INCH SEWER MANHOLE W/ CAST-IN-PLACE BASE	15.00	10,500	EA	15.00	\$ 157,500.00	0.00	\$ -	0.00	\$ -	15.00	\$157,500.00
630.15	PRECAST 84-INCH SEWER MANHOLE W/ CAST-IN-PLACE BASE	1.00	25,000	EA	1.00	\$ 25,000.00	0.00	\$ -	0.00	\$ -	1.00	\$25,000.00
630.16	RECONNECT SEWER LATERAL	63.00	3,500	EA	63.00	\$ 220,500.00	0.00	\$ -	0.00	\$ -	63.00	\$220,500.00
630.17	REMOVE & RECONNECT EXISTING SANITARY SEWER WITH 12-INCH C800 PVC	1.00	4,200	EA	1.00	\$ 4,200.00	0.00	\$ -	0.00	\$ -	1.00	\$4,200.00
630.18	CORE DRILL AND CONNECT SEWER PIPE TO EXISTING SEWER MANHOLE	4.00	1,500	EA	4.00	\$ 6,000.00	0.00	\$ -	0.00	\$ -	4.00	\$6,000.00
630.19	SEWER PROTECTION CAP	16.00	4,000	EA	16.00	\$ 64,000.00	0.00	\$ -	0.00	\$ -	16.00	\$64,000.00
630.20	VERTICALLY ADJUST SANITARY SEWER MANHOLE TO FINISH GRADE	34.00	2,000	EA	34.00	\$ 68,000.00	0.00	\$ -	0.00	\$ -	34.00	\$68,000.00
630.21	REMOVE EXISTING SANITARY SEWER AND REPLACE WITH	32.00	500	EA	32.00	\$ 16,000.00	0.00	\$ -	0.00	\$ -	32.00	\$16,000.00
633.01	NON-REFLECTIVE RAISED PAVEMENT MARKERS	7,420.00	3	EA	0.00	\$ -	7,420.00	\$ 22,260.00	0.00	\$ -	7,420.00	\$22,260.00
633.02	REFLECTIVE RAISED PAVEMENT MARKERS	3,820.00	3	EA	0.00	\$ -	3,820.00	\$ 11,460.00	0.00	\$ -	3,820.00	\$11,460.00
637.01	DUST CONTROL	1.00	400,000	LS	0.629	\$ 251,600.00	0.253	\$ 101,200.00	0.118	\$ 47,200.00	1.00	\$400,000.00
637.02	NPDES DISCHARGE PERMIT	1.00	40,000	LS	0.629	\$ 25,160.00	0.253	\$ 10,120.00	0.118	\$ 4,720.00	1.00	\$40,000.00
680.01	RELOCATE FIBER OPTIC CABLE	1.00	20,000	LS	1.00	\$ 20,000.00	0.00	\$ -	0.00	\$ -	1.00	\$20,000.00
691.01	COATING 48-INCH MANHOLE (≥ 5' DEPTH AND <10' DEPTH)	1.00	5,100	EA	1.00	\$ 5,100.00	0.00	\$ -	0.00	\$ -	1.00	\$5,100.00
691.02	COATING 60-INCH MANHOLE (≥ 5' DEPTH AND <10' DEPTH)	3.00	5,500	EA	3.00	\$ 16,500.00	0.00	\$ -	0.00	\$ -	3.00	\$16,500.00
691.03	COATING 60-INCH MANHOLE (≥ 10' DEPTH AND <15' DEPTH)	1.00	5,900	EA	1.00	\$ 5,900.00	0.00	\$ -	0.00	\$ -	1.00	\$5,900.00
691.04	COATING 72-INCH MANHOLE (≥ 5' DEPTH AND <10' DEPTH)	9.00	6,300	EA	9.00	\$ 56,700.00	0.00	\$ -	0.00	\$ -	9.00	\$56,700.00
691.05	COATING 72-INCH MANHOLE (≥ 10' DEPTH AND <15' DEPTH)	6.00	6,700	EA	6.00	\$ 40,200.00	0.00	\$ -	0.00	\$ -	6.00	\$40,200.00
691.06	COATING 84-INCH MANHOLE (≥ 10' DEPTH AND <15' DEPTH)	1.00	7,100	EA	1.00	\$ 7,100.00	0.00	\$ -	0.00	\$ -	1.00	\$7,100.00
695.01	SEWER BYPASS PUMPING	1.00	1,800,000	LS	1.00	\$ 1,800,000.00	0.00	\$ -	0.00	\$ -	1.00	\$1,800,000.00
<b>SUBTOTAL CONSTRUCTION</b>						<b>\$37,989,656.00</b>		<b>\$15,096,697.00</b>		<b>\$ 7,034,712.00</b>		<b>\$60,121,065.00</b>
						<b>8% 10%, 10% CM/TESTING</b>		<b>\$ 1,509,689.70</b>		<b>\$ 703,471.20</b>		<b>\$ 5,252,313.38</b>
						<b>\$41,028,628.48</b>		<b>\$16,606,386.70</b>		<b>\$ 7,738,183.20</b>		<b>\$65,373,378.38</b>

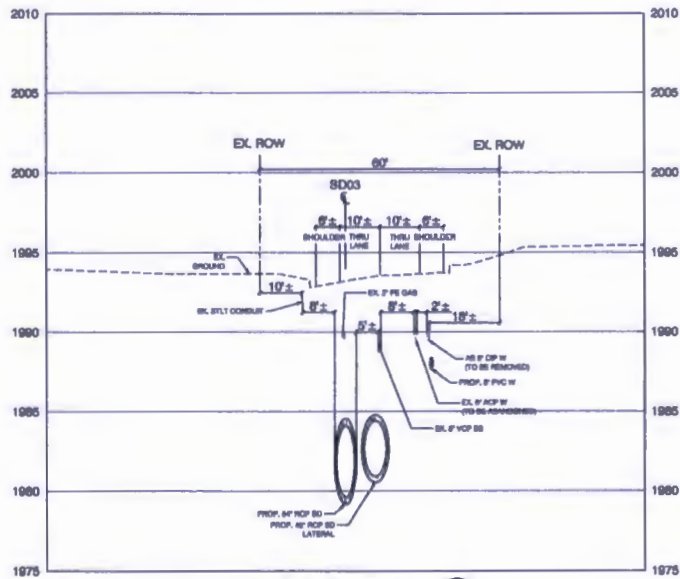




CHARLESTON BLVD SECTION  
SCALE: NTS  
"SD01" STA 42+00



FREMONT SECTION  
SCALE: NTS  
"SD01" STA 85+00



FRANKLIN AVE SECTION  
SCALE: NTS  
"SD03" STA 10+50

APPROVED FOR CONSTRUCTION  
Las Vegas Valley Water District Engineering Services  
Project No. 100101 First Approved Date

PREPARED FOR  
**CITY OF LAS VEGAS**  
2270 Corporate Circle, Suite 200  
Las Vegas, NV 89162  
Tel: +1 (702) 283 7275  
Fax: +1 (702) 283 7200

PREPARED BY: **ATKINS**

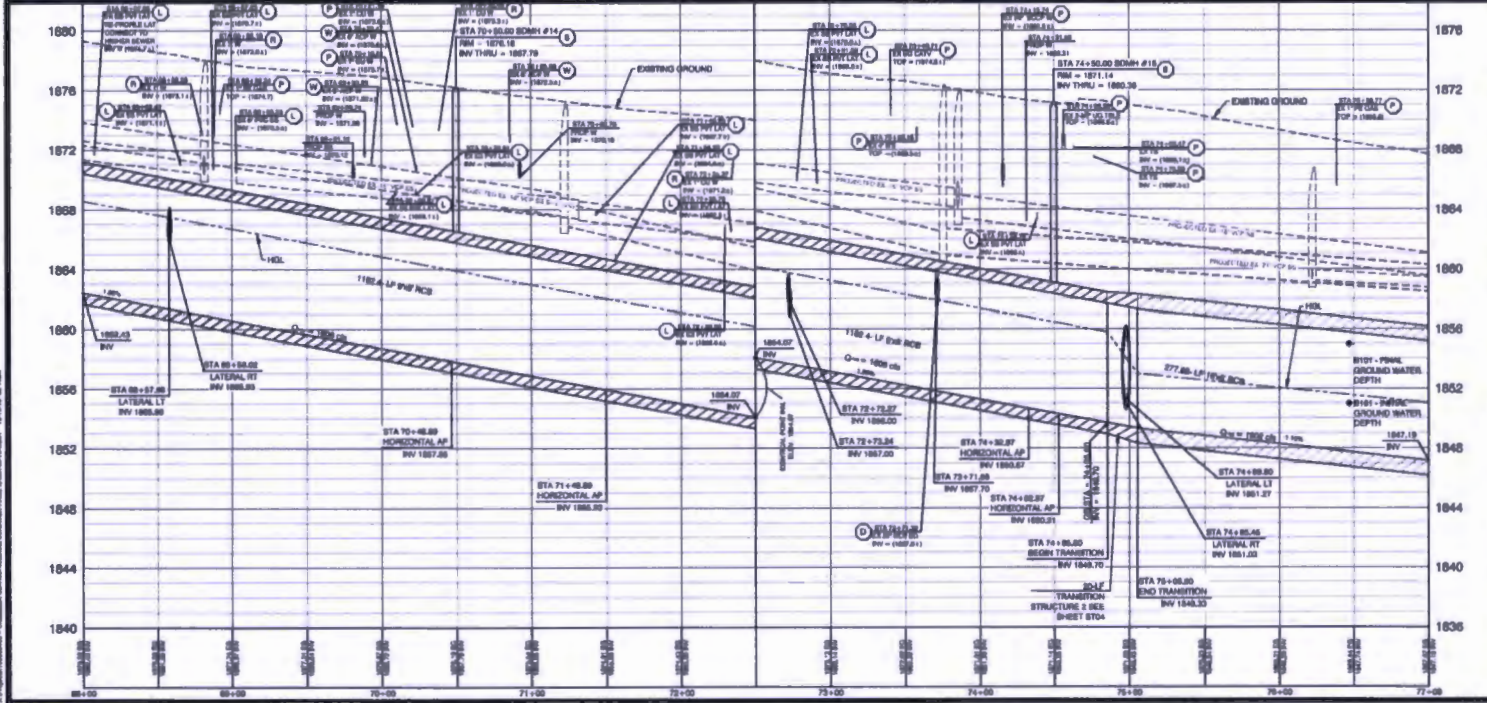
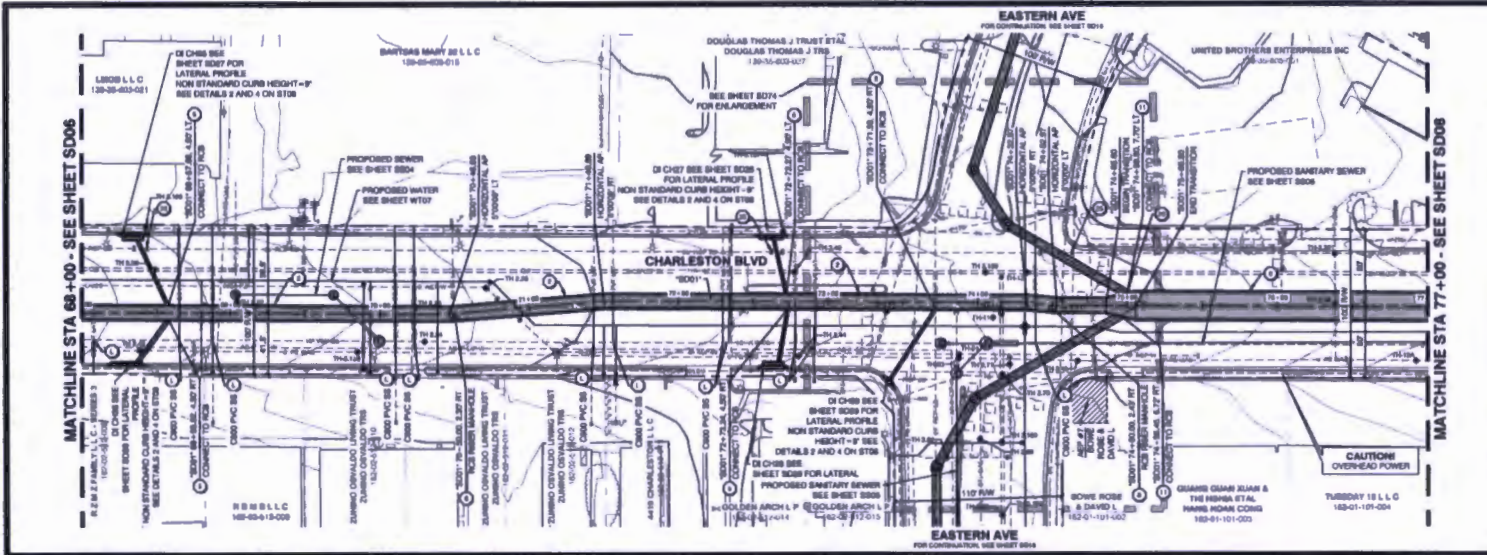
DATE: 12/20/01	DESIGNED BY: HMA	DRAWN BY: AM	CHECKED BY: HMA
SUBMITTAL STAGE: 80% SUBMITTAL	DATE: 12/20/01	BY: HMA	NO. DATE: 1

TITLE: **CHARLESTON/MARYLAND STORM DRAIN**  
SHEET: **TYPICAL SECTIONS 1**

APPROVED FOR CONSTRUCTION  
Las Vegas Valley Water District Engineering Services  
Project No. 100101 First Approved Date

NO. 100101  
SHEET: **TY01**  
34 of 235  
10777367





**GRAPHIC SCALE**

**NORTH**

**CALL BEFORE CONSTRUCTION**

BEFORE YOU DIG	USA 800/874	811 OR 888/808/888
BEFORE YOU UNDERGROUND	FLA 877/874	888/808/888
BEFORE YOU OVERHEAD	888/808/888	888/808/888

CLARK COUNTY TRAFFIC OPERATIONS  
CITY OF LAS VEGAS  
800/874

- STORM DRAIN CONSTRUCTION NOTES**
1. 12" TALL 12" X 8" RCP SD PER TRENCH DETAIL 1, SHEET DT01
  2. 12" TALL 12" X 8" RCP SD PER TRENCH DETAIL 1, SHEET DT01
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**APPROVED FOR CONSTRUCTION**

Las Vegas Valley Water District Engineering Services  
Project No. 150130 First Approved Date

**UTILITY NOTE:**  
ALL SYSTEM UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL UTILITIES ARE SHOWN HEREIN. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN BY THIS PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES SHOWN ON THIS PLAN THROUGHOUT THE PROJECT AREA. THE CONTRACTOR SHALL EXERCISE EXTREME CARE WHEN EXCAVATING AND AVOID THE UTILITIES BY THE VIOLENCE TO AVOID DAMAGE TO THE UTILITIES.

**KEYMAP**

**ATKINS**

PREPARED BY: **ATKINS**  
2270 Corporate Circle, Suite 200  
 Henderson, Nevada 89074  
 Fax: +1 (702) 933-7200

PREPARED FOR: **CITY OF LAS VEGAS**

DATE: DECEMBER 2015  
SUBMITTAL STAGE: REVISED  
DESIGNED BY: WMM  
DRAWN BY: AM  
CHECKED BY: BWT

**CHARLESTON/MARYLAND STORM DRAIN**

**STORM DRAIN PLAN AND PROFILE**  
STA 68+00 TO STA 77+00

**SD07**  
53 OF 235  
107V7367



**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

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

**RECOMMENDATION SUMMARY**

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

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

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

RFCD AGENDA  
ITEM #11b  
DATE: 05/21/2020

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

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

**FISCAL IMPACT:**

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

**BACKGROUND:**

The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Number FLBN 0170, 0180, 0205, 0275, and 0280 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with construction scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18’ x 8’ RCB, 12’ x 6’ RCB, 9’ x 8’ RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12’ x 5’ RCB, 6’ x 5’ RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue.

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

Respectfully submitted,

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

TAC AGENDA ITEM #10b Date: 04/30/2020	RFCD AGENDA ITEM # 11b Date: 05/21/2020
CAC AGENDA ITEM #10b Date: 04/30/2020	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/23/2020

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

The Flamingo – Boulder Highway North, Charleston- Boulder Hwy to Maryland Pkwy and Maryland Parkway System is described in the 2018 Master Plan Update as Facility Number FLBN 0170, 0180, 0205, 0275 and 0280 and FLMP 0000, 0013, 0042, and 0068. It is further identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in FY 2019-2020. The proposed improvements include construction of 18’ x 8’ RCB, 12’ x 6’ RCB, 9’ x 8’ RCB and associated collection facilities along Charleston Boulevard from Boulder Highway to Maryland Parkway and 12’ x 5’ RCB, 6’ x 5’ RCB and associated collection facilities along Maryland Parkway from Charleston Boulevard to Stewart Avenue.

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

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

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

**Staff Recommendation:**

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

**Discussion by Technical Advisory Committee:**

AGENDA  
#10b Date: 04/30/2020

**Recommendation:**

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

**Discussion by Citizens Advisory Committee:**

AGENDA  
#10b Date: 04/30/2020

**Recommendation:**

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

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

**THIS INTERLOCAL CONTRACT (CONTRACT)** made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2020 by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the City of Las Vegas hereinafter referred to as “CITY”.

**WITNESSETH**

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2018 Master Plan Update as Facility Number FLBN 0170, 0180, 0205, 0275, and 0280 and FLMP 0000, 0013, 0042, and 0068, hereinafter referred to as “PROJECT”; and

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

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

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

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

**SECTION I - SCOPE OF THE PROJECT**

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



## **SECTION II - PROJECTS COSTS**

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

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

## **SECTION III - GENERAL**

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

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



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

11. Accurate documentation of all work performed and payments made will be maintained by the CITY for a period of three (3) years in hard copy form after final PROJECT approval and payment. Following the three-year period, the CITY shall keep records for permanent storage in original form, in microfilm/fiche media or an electronic format.
12. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects both during and after PROJECT completion.
13. Up to the limits set forth in NRS Chapter 41, the CITY will indemnify and defend the DISTRICT against and from any and all claims and demands of whatsoever nature which arises out of allegations of negligence or misconduct of CITY officers, employees or agents, related to or under this CONTRACT which results from injury to or death of any persons whomsoever, or against and from damage to or loss or destruction of property.
14. Any costs found to be improperly allocated to this PROJECT will be refunded by the CITY to the DISTRICT.
15. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to January 31, 2023. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.
16. This Contract may be executed in multiple counterparts, each of which shall be deemed an original Contract and each of which shall constitute one and the same Contract. The counterparts of this Contract may be executed and delivered by facsimile or other electronic signature (including portable document format) by either of the parties and the receiving party may rely on the receipt of such document so executed and delivered electronically or by facsimile as if the original had been received.

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

Date of Council Action

Date of District Action

\_\_\_\_\_

\_\_\_\_\_

City of Las Vegas

Regional Flood Control District

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

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

Attest

Attest

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

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

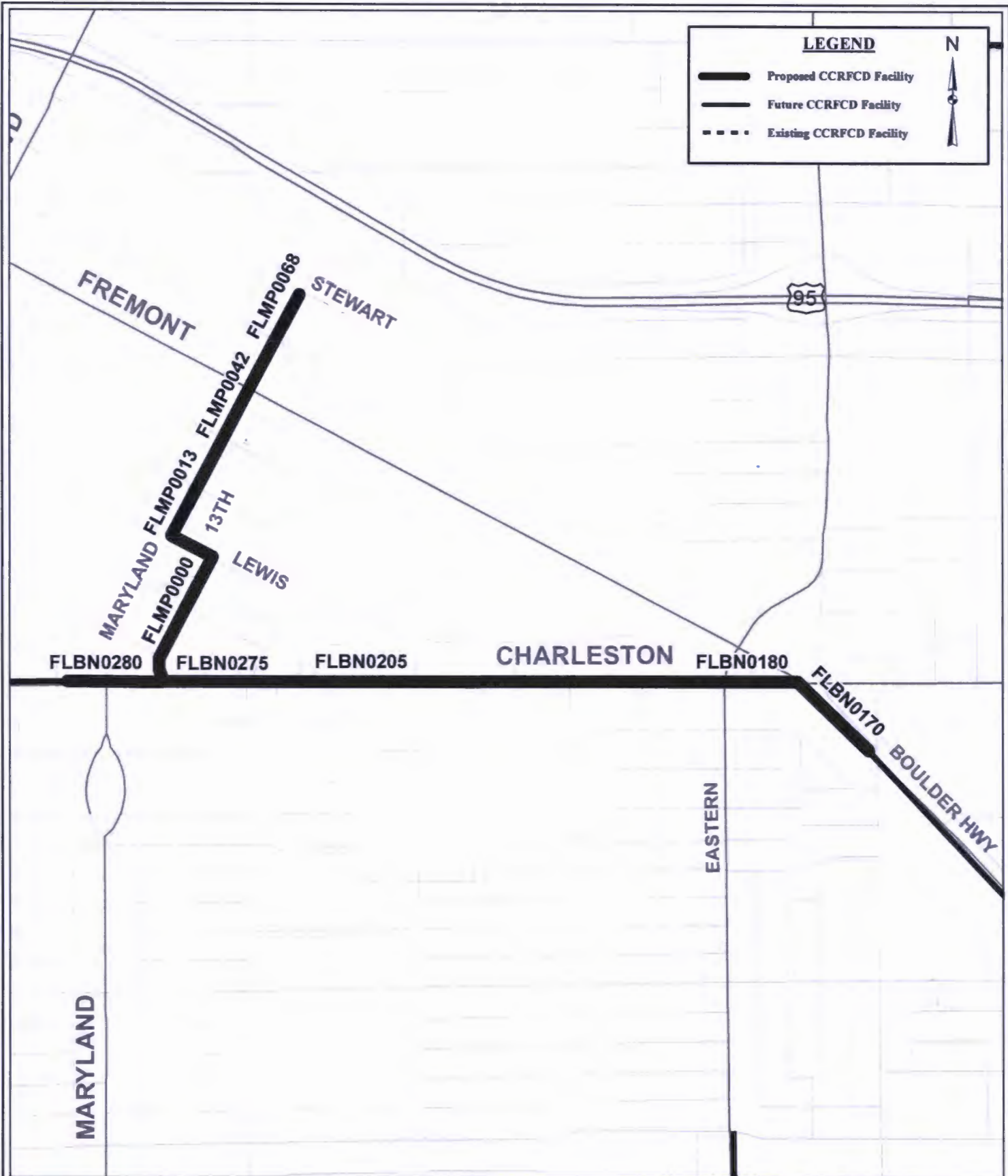
Approved as to Form

Approved as to Form

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

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

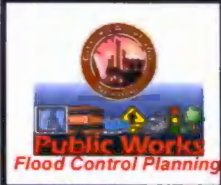




**LEGEND**

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

N



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

**(LAS29F20)**

**SCALE: 1:13,000**  
**DRAWING NAME:**  
 Flamingo\_BoulderHwyNorth  
 Charleston\_MainSt-MarylandPky-EAST  
**DRAWN BY: C. JONES**  
**DATE: 04/22/2020**  
**SHEET NUMBER 1 OF 1**

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

INTERLOCAL AGREEMENT  
SOUTHERN NEVADA WATER AUTHORITY  
DEVELOPMENT OF SITE-SPECIFIC CRITERIA FOR SELENIUM IN THE LAS VEGAS  
WASH

**RECOMMENDATION SUMMARY**

STAFF: Approve.

TECHNICAL ADVISORY: Approve.

CITIZENS ADVISORY: Approve.

RFCD AGENDA  
ITEM #12  
DATE: 05/21/2020



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

INTERLOCAL AGREEMENT BETWEEN THE SOUTHERN NEVADA WATER AUTHORITY AND THE DISTRICT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

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

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

**BACKGROUND:**

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

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

TAC AGENDA ITEM #07 Date: 04/30/2020	RFCD AGENDA ITEM #12 Date: 05/21/2020
CAC AGENDA ITEM #07 Date: 04/30/2020	

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

Respectfully Submitted,



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

TAC AGENDA ITEM #07 Date: 04/30/2020	RFCD AGENDA ITEM # 12 Date: 05/21/2020
CAC AGENDA ITEM #07 Date: 04/30/2020	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 04/20/2020

**INTERLOCAL AGREEMENT BETWEEN THE SOUTHERN NEVADA WATER AUTHORITY AND THE DISTRICT**

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

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

**Staff Recommendation:**

Approve.

**Discussion by Technical Advisory Committee:**

AGENDA  
#07 Date: 04/30/2020

**Recommendation:**

Approve.

**Discussion by Citizens Advisory Committee:**

AGENDA  
#07 Date: 04/30/2020

**Recommendation:**

Approve.

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

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

**RECITALS**

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

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

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

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

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

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

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

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



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

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

1. TERM

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

2. SERVICES TO BE PERFORMED

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

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

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

3. COORDINATION

3.1 TBD

4. PROJECT FUNDING

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

5. CHANGES AND DISPUTES

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

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

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

## 6. LIABILITY

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

## 7. TERMINATION

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

## 8. THIRD PARTY BENEFICIARIES

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

## 9. DATA AVAILABILITY

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

## 10. UNCONTROLLABLE FORCES

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



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

11. GOVERNING LAW

Nevada law shall govern the interpretation of this Agreement.

12. INTEGRATION

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

13. NOTICES AND AUTHORIZED REPRESENTATIVES

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

To: Clark County Regional Flood Control District:

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

To: Southern Nevada Water Authority:

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

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

**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**

By: \_\_\_\_\_  
Deanna M. Hughes  
Board Secretary

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

APPROVED AS TO FORM:

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

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**SOUTHERN NEVADA WATER AUTHORITY**

By: \_\_\_\_\_  
John J. Entsminger, General Manager

APPROVED AS TO FORM:

\_\_\_\_\_  
Tabitha D. Fiddymment, Director, Legal Services



13. **Comments By the General Public**

A period devoted to comments by the general public about matters relevant to the Regional Flood Control District Board of Directors jurisdiction will be held. No vote may be taken on a matter not listed on the posted 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 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 comment was accepted via email. Those comments will be read into the record and will become part of the written record.

All comments by speakers should be relevant to the Regional Flood Control District Board of Directors action and jurisdiction.