

# REGIONAL FLOOD CONTROL DISTRICT



## NOTICE OF PUBLIC MEETING

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

FEBRUARY 09, 2017  
8:30 A.M.

CLARK COUNTY COMMISSION CHAMBERS  
500 SOUTH GRAND CENTRAL PARKWAY  
LAS VEGAS, NV 89155

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

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

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

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

Clark County Regional Flood Control District 600 South Grand Central Parkway Las Vegas, Nevada 89106	Clark County Regional Flood Control District Worldwide Website <a href="http://www.regionalflood.org">www.regionalflood.org</a>
Clark County Government Center 500 South Grand Central Parkway Las Vegas, Nevada 89155	City of Boulder City 401 California Boulder City, Nevada 89024
City of Henderson 240 Water Street Henderson, Nevada 89015	City of Las Vegas 495 S. Main Street Las Vegas, Nevada 89101
City of Mesquite 10 East Mesquite Boulevard Mesquite, Nevada 89027	City of North Las Vegas 2250 Las Vegas Boulevard North Ste. 800 North Las Vegas, Nevada 89030
The Notice, Agenda, and Agenda Full-Backup have been posted on the District's Website at <a href="http://www.regionalflood.org">www.regionalflood.org</a>	The Notice has been posted on the State of Nevada Public Notice Website at <a href="https://notice.nv.gov/">https://notice.nv.gov/</a>

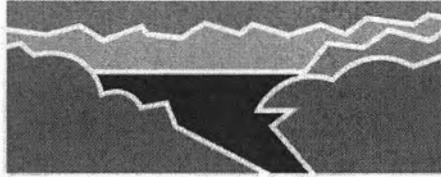
By: Dorothy Davis

\*\*Supporting material available upon request.

1. **Comments By the General Public**

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

# REGIONAL FLOOD CONTROL DISTRICT



**AGENDA**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**BOARD OF DIRECTORS**  
**FEBRUARY 09, 2017**  
**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. If you wish to speak to the Regional Flood Control District Board of Directors about items within its jurisdiction but not appearing on this agenda, you must wait until the “Comments By the General Public” period listed at the end of this agenda. Comments will be limited to three minutes. Please step up to the speaker’s podium, clearly state your name and address and please **spell** your last name for the record. If any member of the Regional Flood Control District Board of Directors wishes to extend the length of a presentation, this will be done by the Chairman, or the Regional Flood Control District Board of Directors by majority vote.

2. Action to approve the agenda with deletion of any items (*For possible action*)
3. Action to approve the minutes of the January 12, 2017 meeting (*For possible action*)
4. Discuss General Manager’s Monthly Report

**II. \*\*\*Consent Agenda – Items #05 through #12 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**

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 accept the final accounting report and closeout the interlocal contract for the following project *(For possible action)*:
  - F4 Patrick Lane/Ft Apache Road Lateral (design) – CLA01B04
8. Action to accept the Maintenance Work Program Second Quarter Fiscal Year 2016-17 status reports as submitted by the entities *(For possible action)*

**Design and Construction**

9. Receive a report on the award of bid for construction for Duck Creek, Las Vegas Boulevard – Clark County
10. Action to approve and authorize the Chairman to sign the interlocal contract for design for Gowan Outfall, Alexander Road – Decatur Boulevard to Simmons Street – City of North Las Vegas *(For possible action)*
11. Freeway Channel – Washington, MLK to Rancho Drive – City of Las Vegas
  - a. Action to approve and authorize the Chairman to sign the third supplemental interlocal contract for construction to increase funding and extend the project completion date *(For possible action)*
  - b. Receive a report on the award of bid for construction
12. Brent Drainage System – Floyd Lamb Park to Durango Drive – City of Las Vegas
  - a. Action to approve and authorize the Chairman to sign the second supplemental interlocal contract for construction to increase funding *(For possible action)*
  - b. Receive a report on the award of bid for construction

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

**III. Discussion Items**

**Design and Construction**

13. Hemenway System, Phase IIA Improvements – City of Boulder City (***For possible action***)
  - a. Action to accept the project presentation
  - b. Action to approve and authorize the Chairman to sign the interlocal contract for construction

**Administration**

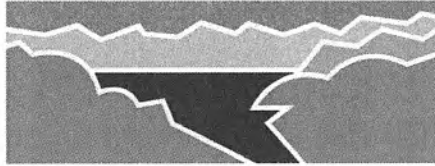
14. Action to approve and authorize the Chairman to sign the fourth option to renew the professional services contract with Robertson Partners for the 2017 Flood Safety Advertising Campaign or take action as deemed appropriate (***For possible action***)

15. **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. Comments will be limited to three minutes. Please step up to the speaker's podium, clearly state your name and address and please **spell** your last name for the record. If any member of the Regional Flood Control District Board of Directors wishes to extend the length of a presentation, this will be done by the Chairman, or the Regional Flood Control District Board of Directors by majority vote.

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**  
Chairman  
Clark County

**Debra March**  
Vice-Chairman  
City of Henderson

**Chris Giunchigliani**  
Clark County

**Mayor Carolyn Goodman**  
City of Las Vegas

**Mayor John J. Lee**  
City of North Las Vegas

**Mayor Allan Litman**  
City of Mesquite

**Dr. Lois Tarkanian**  
City of Las Vegas

**Mayor Rodney Woodbury**  
City of Boulder City

MEMORANDUM  
FEBRUARY 09, 2017

TO: BOARD OF DIRECTORS

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

DATE: February 1, 2017

## **I. Call to Order**

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

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

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

The agenda is in order for approval.

### **3. Action to approve the minutes of the January 12, 2017 meeting (*For possible action*)**

The minutes for the January 12, 2017 meeting are in order for approval.

### **4. Discuss General Manager's Monthly Report**



Memorandum  
Clark County Regional Flood Control District  
Board of Directors Meeting of February 09, 2017  
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- II. **\*\*\*Consent Agenda – Items #05 through #12 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**

5. **Action to accept the financial reports (For possible action)**  
The reports are in order for acceptance.

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). Also included are amendments from the City of Las Vegas. Staff, TAC and CAC recommend approval.

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

- F4 Patrick Lane/Ft Apache Road Lateral (design) – CLA01B04

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

Staff, TAC and CAC recommend to accept the final accounting report and close out the interlocal contract.

8. **Action to accept the Maintenance Work Program Second Quarter Fiscal Year 2016-17 status reports as submitted by the entities (For possible action)**



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In accordance with the Board's direction, the entities have submitted the Second Quarter Status Reports for the FY 2016-17 Maintenance Work Program (MWP). The reports indicate the status of work completed under the program through December 31, 2016, although the figures below represent only those expenses which have been submitted to the District for payment. Staff recommends accepting the reports.

### **Design and Construction**

**9. Receive a report on the award of bid for construction for Duck Creek, Las Vegas Boulevard – Clark County**

On October 14, 2016, bids were opened for the project. Nine bids were received ranging in cost from \$29,205,265.45 to \$33,468,060.00. The recommended best bid is to Las Vegas Paving Corporation in the amount of \$30,073,424.00, or 6.62% lower than the engineer's estimate of \$32,205,530.00, presented to the District Board in September 2014. The lowest bidder was ineligible to receive a preference in bidding. Included is a revised Notification of Intent to Award to second lowest bidder.

The interlocal contract dated September 11, 2014, between the District and the County allocates \$6,800,000.00 for construction of this project. A cash flow projection, estimated construction schedule, and a tabulation of bids are was provided to the District. Staff, TAC and CAC recommend receiving the report.

**10. Action to approve and authorize the Chairman to sign the interlocal contract for design for Gowan Outfall, Alexander Road – Decatur Boulevard to Simmons Street – City of North Las Vegas (For possible action)**

The City of North Las Vegas has submitted a request to approve an interlocal contract for design engineering and environmental mitigation in the amount of \$1,931,156 for the Gowan Outfall, Alexander Road – Decatur Boulevard to Simmons Street project.

The Gowan Outfall, Alexander Road – Decatur Boulevard to Simmons Street project (Structure Nos. GOOF 0275, 0285, 0325 and 0375) is identified in the Regional Flood Control District's Ten-Year Construction Program with design scheduled to begin in fiscal year 2016/2017.



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This interlocal contract applies to design and environmental mitigation of approximately 8,515 total feet of various sized storm drain within Alexander Road between Decatur Boulevard and Simmons Street. Specifically, the system is comprised of 2,700 feet of twin 12 foot by 8 foot Reinforced Concrete Box (RCB) from Decatur Boulevard east, followed by 5,300 feet of twin 14 foot by 8 foot RCBs and completed with 515 feet of a single 16 foot by 8 foot RCB and a single 14 foot by 6 foot RCB (side by side) to Simmons Street. This storm drain system is identified in the CCRFCD Master Plan and will connect to an existing system within Alexander Road at Decatur Boulevard and Simmons Street.

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. Freeway Channel – Washington, MLK to Rancho Drive – City of Las Vegas**

- a. **Action to approve and authorize the Chairman to sign the third supplemental interlocal contract for construction to increase funding and extend the project completion date (*For possible action*)**

The City of Las Vegas has submitted a request to approve a third supplemental interlocal contract for construction and construction engineering to increase funding in the amount of \$650,000 and extend the project completion date from June 30, 2017 to June 30, 2018 for the Freeway Channel – Washington, MLK to Rancho Drive project.

The increase in funding is to cover the cost of the bid. 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.

- b. **Receive a report on the award of bid for construction**

On December 21, 2016, bids were opened for the project. Four bids were received ranging in cost from \$10,032,339.00 to \$10,460,254.00. The recommended best bid is to Tand, Inc., in the amount of \$10,032,339.00, or 51.8% above than the engineer's estimate of \$6,606,635.75, presented to the

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District Board in February 2014. Prior to bidding the project, a first supplemental interlocal contract was approved that increased the construction amount in the interlocal contract due to a revised engineer's estimate that took into account recent increases in construction and material costs. The revised engineer's estimate totaled \$8,833,187.26. The bid amount by Tand, Inc., is approximately 13.6% above the engineer's estimate.

The interlocal contract dated February 13, 2014, First Supplemental interlocal contract dated August 13, 2015 and Second Supplemental interlocal contract dated January 14, 2016 between the District and the City allocates \$10,050,343.00 for construction of this project. There is an item on this agenda for approval to increase construction funding to \$10,500,343.00.

A cash flow projection, estimated construction schedule, and a tabulation of bids was provided to the District. Staff, TAC and CAC recommend receiving the report.

**12. Brent Drainage System – Floyd Lamb Park to Durango Drive – City of Las Vegas**

**a. Action to approve and authorize the Chairman to sign the second supplemental interlocal contract for construction to increase funding (*For possible action*)**

The City of Las Vegas has submitted a request to approve a second supplemental interlocal contract for construction and construction engineering to increase funding in the amount of \$1,150,000 for the Brent Drainage System – Floyd Lamb Park to Durango Drive project.

The increase in funding is to cover the cost of the bid. 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.

**b. Receive a report on the award of bid for construction**

On December 20, 2016, bids were opened for the project. Seven bids were received ranging in cost from \$4,393,232.00

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to \$5,388,731.70. The second lowest bidder of \$4,397,113.30 by Meadow Valley Contractors, Inc., DBA ACC Southwest was recommended, which is approximately 30.7% above the engineer's estimate of \$3,360,277.10 presented to the District Board in August 2015. The lowest bidder did not submit all of the necessary documentation to the City, therefore, the recommended award is to the second lowest bidder.

The interlocal contract dated August 13, 2015 and First Supplemental interlocal contract dated November 10, 2016 between the District and the City allocates \$3,505,300.00 for construction of this project. There is an item on this agenda for approval to increase construction funding to \$4,600,000.00.

A cash flow projection, estimated construction schedule, and a tabulation of bids was provided to the District. Staff, TAC and CAC recommend receiving the report.

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

**III. Discussion Items**

**Design and Construction**

**13. Hemenway System, Phase IIA Improvements – City of Boulder City (For possible action)**

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

The Hemenway System, Phase IIA Improvements project is described in the 2013 Master Plan Update as Facility Numbers HMTH 0034, HMLM 0066 and 0085, HMWA 0158, 0173, 0175 and 0182. The proposed improvements include: construction to install riprap erosion protection on an existing berm; increase existing inlet capacity including concrete aprons/flatwork; expansion of an existing sediment basin with associated riprap, gabion baskets and concrete aprons/flatwork, maintenance access road; new sediment basin and concrete lining of an existing natural channel; replacement of existing storm drains with 12'x4' and 8'x4' reinforced concrete box culverts to increase capacity and

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other appurtenances as may be necessary to control floodwaters. Design drawings and specifications are 90 percent complete, the City of Boulder City owns all of the land except for the portions in the US93 right-of-way, and all necessary permits for this project have been acquired.

The USACOE has reviewed the project and determined that work proposed in the project is authorized by Regional General Permit Number 7 and authorization was issued in July 2016. The 401 Water Quality Certification was granted in July 2016 by the Nevada Division of Environmental Protection. The Section 8 Analysis was found to be acceptable by Clark County Regional Flood Control District Staff.

Representatives from the design consultant Advantage Civil Design Group, LLC and the City of Boulder City staff will be available to respond to any questions following the brief presentation. Staff, TAC and CAC recommend accepting the project presentation.

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

The City of Boulder City has submitted a request to approve an interlocal contract in the amount of \$2,222,694 for construction and construction engineering of the Hemenway System, Phase IIA Improvements project.

The Hemenway System, Phase IIA Improvements project is described in the 2013 Master Plan Update as Facility Numbers HMTH 0034, HMLM 0066 and 0085, HMWA 0158, 0173, 0175 and 0182. The proposed improvements include construction to increase existing inlet capacity, install erosion protection for an existing berm, a new sediment basin, increase culvert capacity and other appurtenances as may be necessary to control floodwaters.

With the total project construction cost of \$2.0 million, approximately 24 jobs will be created or sustained with this project.



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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**

- 14. Action to approve and authorize the Chairman to sign the fourth option to renew the professional services contract with Robertson Partners for the 2017 Flood Safety Advertising Campaign or take action as deemed appropriate (*For possible action*)**

R+W Advertising, now called Robertson Partners, was selected by the Board on November 8, 2012, after a request for proposals, to conduct the 2013 Flood Safety Advertising Campaign. That contract had four one-year options for renewal. This request is the fourth and final renewal option.

Staff recommends the board execute the fourth renewal option for the professional services contract with Robertson Partners for the 2017 Flood Safety Advertising Campaign. The professional services contract with Robertson Partners and the scope of work for the 2017 campaign is included in the backup and will be presented at the meeting. The amount of this contract is identical to the 2016 Flood Safety Advertising Contract.

The District Attorney has reviewed the contract. The FY 2016/17 budget includes sufficient funding for flood safety advertising services. Staff and CAC recommend approval.

- 15. Comments By the General Public**

Respectfully submitted,

A handwritten signature in cursive script, reading "Steven C. Parrish".

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

**MINUTES**  
**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT**  
**BOARD OF DIRECTORS**  
**JANUARY 12, 2017**  
**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:** Public Notices of this meeting were properly posted by Dorothy Davis of the Regional Flood Control District in the following locations: Boulder City City Hall, Clark County Government Center, Henderson City Hall, Las Vegas City Hall, Mesquite City Hall, North Las Vegas City Hall, Clark County Regional Flood Control District Offices and the Clark County Regional Flood Control District Worldwide 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, Chairman, Clark County  
Debra March, Vice Chair, City of Henderson  
Chris Giunchigliani, Clark County  
Carolyn G. Goodman, City of Las Vegas  
Rodney S. Woodbury, City of Boulder City  
David Ballweg, City of Mesquite  
Dr. Lois Tarkanian, City of Las Vegas  
John J. Lee, City of North Las Vegas

**STAFF:** Steven C. Parrish, General Manager/Chief Engineer  
Timothy E. Sutko, Assistant General Manager  
Christopher Figgins, Chief Deputy District Attorney  
Andrew Trelease, Engineering Director  
Jeanine Pitts-Dilworth, Administrative Services Director  
John Tennert, Environmental Mitigation Manager  
Erin Neff, Public Information Manager  
Jill Reilly, Principal Civil Engineer  
Abigail Mayrena, Principal Civil Engineer  
Ching Wang, Senior Civil Engineer  
Debra Yamachika, Associate Engineer  
Michael Todd, RFCDD Systems Administrator  
Craig C. McDougall, Senior Hydrologist  
Shaun M. Fisher, Hydrologist II  
Deanna Hughes, Senior Management Analyst  
Lillie Collins, Programmer Analyst II  
Chris Russo, Management Analyst II  
Beatriz Martinez, Public Information Coordinator  
Liza Lindsey, Office Services Supervisor  
Jessica Butte, Senior Financial Office Specialist

Geraldine Cruz, Senior Financial Office Specialist  
Dorothy Davis, Senior Office Specialist

**I. Call to Order**

**Commissioner Brown called the meeting to order at 8:45 a.m. in the Clark County Board of County Commissioners Chambers, 500 S. Grand Central Parkway.**

1. Comments By the General Public

Mr. Richard Copeland, Regional Vice President for Minority Contractors' Association appeared to advocate on additional inclusion of under-utilized communities represented by his members. Mr. Copeland stated instead of the same three (3) or four (4) companies getting work year after year, their membership has been systematically excluded from the mainstream of this economy. He is representing support to raise employment within communities.

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

**Upon a motion by Mayor Pro Tem Debra March the agenda was approved.**

**Vote: 8 AYES – 0 NAYS**

3. Recognition of Board Member for service to the Regional Flood Control District *(For possible action)*

Mr. Steve Parrish advised that Mayor Allan Litman has decided to step down from sitting on the Board of Directors. He was appointed by the Mesquite City Council to sit on multiple committees and boards, including Virgin Valley Community Education Advisory Committee. Mayor Litman was unable to attend the meeting, however, Mr. Parrish was able to meet with him at the Mesquite City Council meeting on Tuesday to recognize him and his service to the Board. Mr. Parrish publicly thanked Mayor Litman at Mesquite's January 10, 2017 meeting, on behalf of the Regional Flood Control District for all he has done.

**No action required.**

4. Introduction and acknowledgment of new Board member to the Regional Flood Control District *(For possible action)*

To replace Mayor Allan Litman, Mr. Parrish welcomed Councilman David Ballweg to the Board of Directors. Councilman Ballweg thanked everyone for the

opportunity to serve Mesquite and the Board of Directors.

**No action required.**

5. Action to approve the minutes of the December 8, 2016 meeting (*For possible action*)

**Upon a motion by Mayor Pro Tem Debra March, the minutes of the December 8, 2016 meeting were approved.**

**Vote: 8 AYES – 0 NAYS**

- II. \*\*\*Consent Agenda – Items #06 through #11 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**

6. Action to accept the financial reports (*For possible action*)
7. Action to adopt amendments to the Ten Year Construction Program (*For possible action*)
8. Action to accept the final accounting reports and closeout the interlocal contracts for the following projects (*For possible action*):
  - Pittman Wash, UPRR to Santiago (design) – HEN07B09
  - Centennial Parkway Channel East (design) – NLV17A00
  - Tropicana Wash at Swenson Street (design) – CLA10D07
  - Las Vegas Wash – Rainbow (Elkhorn Rd to Grand Teton Dr) (construction) – LAS22M09
  - LVW – Grand Teton, Mountain Spa to Durango Drive (design) – LAS22K08
9. Action to approve and authorize the Chairman to sign the Amendment to the Professional Services Agreement with the Regional Flood Control District, MWH Americas, Inc., and Stantec Consulting Services, Inc., to assign the existing Professional Services Agreement dated June 9, 2016 to Stantec Consulting Services, Inc., for the following Agreement (*For possible action*):



- June 9, 2016 – Preparation of the NPDES Municipal Stormwater Discharge Permit

### **Design and Construction**

10. Action to approve a request to reallocate funding within the interlocal contract for design for Muddy River West Levee – Clark County (*For possible action*)
11. Action to approve and authorize the Chairman to sign the supplemental interlocal contracts for design and construction to extend the project completion date for the following projects (*For possible action*):
  - a. Seventh Supplemental – Hemenway System, Phase II Improvements – City of Boulder City
  - b. Second Supplemental – Rancho Road System – Elkhorn, Fort Apache to Grand Canyon – City of Las Vegas

**Upon a motion by Pro Tem Debra March, the consent agenda was approved.**

**Vote: 8 AYES – 0 NAYS**

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

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

Mr. Parrish announced to the Board of Directors that Mr. Timothy Sutko, Assistant General Manager with the Regional Flood Control District has decided to retire after twenty-nine (29) years. Mr. Sutko is one of the founding members of the Regional Flood Control District along with two (2) other employees when he started. He and these members were very instrumental in setting a strong foundation which is heavily used today. Mr. Sutko along with Ms. Virginia Valentine and Mr. Gale Fraser worked hard to make the Regional Flood Control District one of the most respected organizations in Nevada. Mr. Parrish thanked Mr. Sutko for all that he has done for the District, himself, and Clark County over the past three (3) decades. The Board of Directors joined Mr. Parrish in thanking Mr. Sutko for all his efforts of a job well done. Commissioner Larry Brown also acknowledged Mr. Sutko for the creation of the Flood Threat Recognition System that provides real time data. Humorously, Commissioner Brown stated that the Eagles said they were going to tour when hell freezes over; well it finally froze over. Mr. Sutko said he was never going to retire until the Cubs won a World Series. Well they won the World Series.

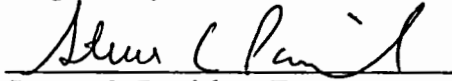
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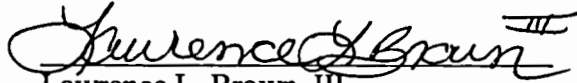
Commissioner Brown and Dr. Lois Tarkanian thanked Mr. Sutko for being a great asset to the District and Clark County.

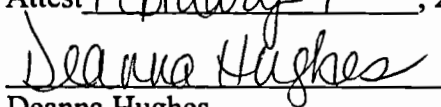
**ADJOURNMENT**

The meeting adjourned at 8:51 a.m.

Respectfully submitted,

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

  
Lawrence L. Brown, III  
Chairman

Attest February 9, 2017  
  
Deanna Hughes  
Board Secretary

/dd

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**GENERAL MANAGER'S MONTHLY REPORT**

**RECOMMENDATION SUMMARY**

**STAFF:**

Receive the report.

**RFCD AGENDA  
ITEM #04  
DATE: 02/09/17**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**

GENERAL MANAGER'S MONTHLY REPORT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

DISCUSS GENERAL MANAGER'S MONTHLY REPORT

**FISCAL IMPACT:**


None.

**BACKGROUND:**

Discuss the General Manager's monthly report:

- Construction project progress

Respectfully submitted,



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

RFCD AGENDA  
ITEM #04  
Date: 02/09/17

020917 GM Report-item

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**FINANCIAL REPORTS – DECEMBER 2016**

**RECOMMENDATION SUMMARY**

**STAFF:** Accept the reports.

**TECHNICAL ADVISORY:** Accept the reports.

**CITIZENS ADVISORY:** Accept the reports.

**RFCD AGENDA  
ITEM #05  
DATE: 02/09/17**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>
FINANCIAL REPORTS – DECEMBER 2016
<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

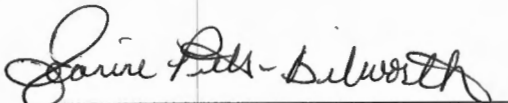
**BACKGROUND:** The financial reports for December 2016, are submitted for your review:

<u>Section</u>	<u>Description</u>	<u>Page(s)</u>
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TAC AGENDA ITEM #04 DATE: 1/26/17	RFCD AGENDA ITEM # 05 DATE: 2/09/17
CAC AGENDA ITEM #04 DATE: 1/30/17	

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Respectfully submitted,



Jeanine Pitts - Dilworth  
 Administrative Services Director

TAC AGENDA ITEM # 04 DATE: 1/26/17	RFCD AGENDA ITEM # 05 DATE: 2/09/17
CAC AGENDA ITEM # 04 DATE: 1/30/17	

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2860 - OPERATING FUND  
 FUND BALANCE REPORT  
 DECEMBER 2016

BEGINNING CASH BALANCE:	9,250,380.09	
Accruals/Adjustments	<u>80,607.91</u>	
	TOTAL BEGINNING BALANCE	\$9,330,988.00
REVENUES:		
Sales Tax Revenue	7,918,968.02	
Interest Earnings	6,229.01	
Fund 4430 - Transfer In Interest Earnings	0.00	
Build America Bonds Rebate	0.00	
Sale of Materials	0.00	
Miscellaneous Other Revenue	0.00	
Petty Cash Reimbursements	0.00	
Miscellaneous Accruals/Adjustments	<u>26,347.26</u>	
	TOTAL REVENUES	\$7,951,544.29
EXPENDITURES:		
Salaries & Benefits	(247,421.70)	
Services & Supplies	(33,997.86)	
Professional Services	(198,851.74)	
Capital Expenditures	(47,242.83)	
Fund 2870 - Transfer Out Maintenance Work Program	(666,600.00)	
Fund 3300 - Transfer Out Debt Service	(3,307,317.73)	
Fund 4430 - Transfer Out Budgeted Transfers	(3,750,000.00)	
Accruals/Adjustments		
Accounts Payable	(59,971.79)	
Miscellaneous Accruals/Adjustments	<u>(19,819.03)</u>	
	TOTAL EXPENSES	<u>(\$8,331,222.68)</u>
ENDING CASH BALANCE:		<u><u>\$8,951,309.61</u></u>



REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2860 - OPERATING FUND  
 APPROPRIATION BALANCE REPORT  
 FISCAL YEAR 2016-17

REVENUES/FINANCING SOURCES

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	UNREALIZED	% UNREALIZED
Revenues	\$ 100,022,393.00	\$ 33,370,280.15	N/A	\$ 66,652,112.85	67%
Other Sources	\$ 526,500.00	\$ 429,414.54	N/A	\$ 97,085.46	18%
<b>TOTAL</b>	<b>\$ 100,548,893.00</b>	<b>\$ 33,799,694.69</b>	<b>N/A</b>	<b>\$ 66,749,198.31</b>	<b>66%</b>

EXPENDITURES/TRANSFERS

	BUDGET	ACTUAL	ENCUMBRANCE/ ILC	AVAILABLE	% AVAILABLE
Expenditures (1)	\$ 9,149,088.28	\$ 2,644,321.88	\$ 2,322,432.10	\$ 4,182,334.30	46%
Transfers Out					
Debt Service	\$ 39,672,020.00	\$ 23,135,430.51	\$ -	\$ 16,536,589.49	42%
MWP	\$ 8,000,000.00	\$ 2,666,400.00	\$ -	\$ 5,333,600.00	67%
CIP (2)	\$ 45,000,000.00	\$ 15,000,000.00	\$ -	\$ 30,000,000.00	67%
<b>TOTAL</b>	<b>\$ 101,821,108.28</b>	<b>\$ 43,446,152.39</b>	<b>\$ 2,322,432.10</b>	<b>\$ 56,052,523.79</b>	<b>55%</b>

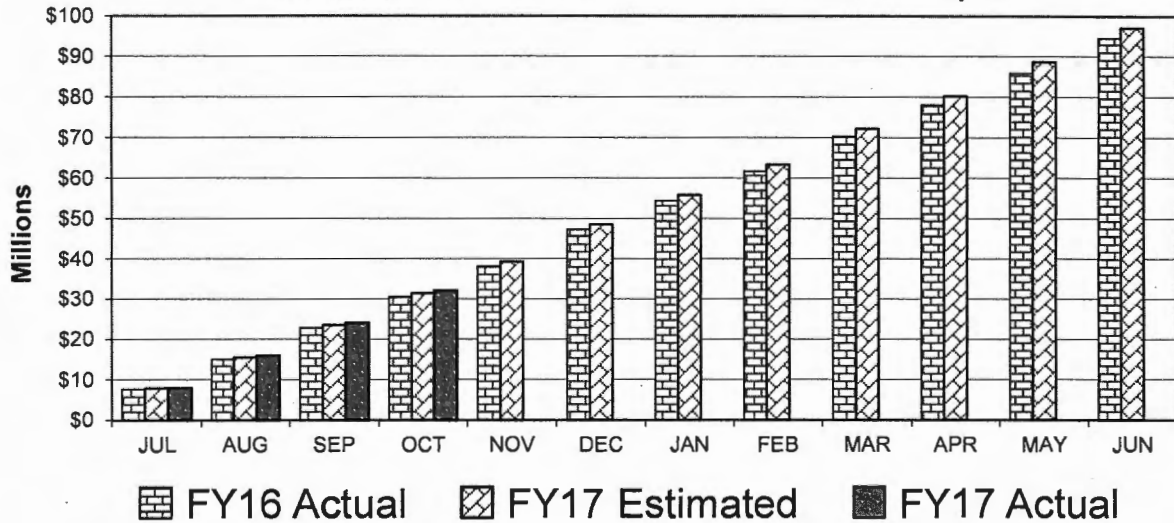
Notes:

- (1) Expenditure budget may include carry forward budget from prior years.
- (2) Includes Local Drainage program.

SALES TAX REVENUE REPORT  
 REGIONAL FLOOD CONTROL DISTRICT  
 FISCAL YEAR 2016-17  
 MODIFIED ACCRUAL BASIS

MONTH SALES TAX COLLECTED BY MERCHANT	1/4 CENT SALES TAX ESTIMATE (as approved April 14, 2016)	ACTUAL SALES TAX REVENUES	DIFFERENCE OVER/(UNDER) ESTIMATE	PERCENT +/- FROM ESTIMATE
JULY	7,844,462.91	7,828,823.42	(15,639.49)	-0.20%
AUGUST	7,591,361.75	7,949,595.27	358,233.52	4.72%
SEPTEMBER	8,027,149.35	8,291,982.57	264,833.22	3.30%
OCTOBER	7,949,522.17	7,918,968.02	(30,554.15)	-0.4%
NOVEMBER	7,871,295.45			
DECEMBER	9,185,772.98			
JANUARY	7,368,521.13			
FEBRUARY	7,498,805.14			
MARCH	8,848,506.91			
APRIL	8,039,515.51			
MAY	8,439,782.36			
JUNE	8,435,304.34			
<b>TOTAL:</b>	<b>\$ 97,100,000.00</b>	<b>\$ 31,989,369.28</b>	<b>\$ 576,873.10</b>	<b>1.84%</b>

**Estimated vs Actual Cumulative Sales Tax Receipts**



**Schedule of Monthly Expenditures - Summary**  
**Fund 2860 - Operating Fund**  
**12/1/2016 to 12/31/2017**

**Fiscal Year- 2017**

<u>Account #</u>	<u>Account Name</u>	<u>Amount</u>
611000	Permanent Salaries	238,610.42
611320	Leave Sellback Pay	17,317.81
611330	Longevity	2,237.58
612000	Part-Time/Temporary Salaries	1,910.67
613100	Overtime	446.20
621000	Group Insurance	35,569.83
622000	FICA-Social Security	118.47
622100	FICA-Medicare	3,731.20
623000	Retirement Contributions	67,437.41
624000	Unemployment Compensation	245.37
625000	Industrial Insurance	2,605.27
630000	Other Professional Services	186,985.66
635000	Pro Svcs-Legal	11,976.35
636000	Pro Svcs-Audit	2,000.00
640310	R & M-Facilities	18,563.81
640320	R & M-Equipment	2,323.64
640340	R & M-Vehicles	766.58
641000	Other Rental Expense	1,016.14
644610	Information System Services	1,250.00
645000	Other Insurance	161.06
646100	Telephone-Local	764.48
646110	Telephone-Long Distance	8.94
646120	Cell Phones/Beepers	526.48
648100	Printing/Reproduction	2,525.68
649000	Other Travel	15.90
649100	Airfare	388.96
649200	Lodging	405.32
649300	Auto	30.00
649400	Meals	125.50
663000	Operating Supplies	87.22
663400	Office Supplies	1,015.69
663500	Wearing Apparel	75.24
663610	Computers & Supplies	1,439.70
663630	Furniture & Fixtures	1,535.04
670100	Electricity	1,958.64
670500	Disposal	11.95
679220	Software Licenses	18,000.00
679300	Dues	942.00
679600	Postage	850.00
680300	Capital Outlay-Buildings&Improvements-Mod Accrual	47,242.83
680400	Capital Outlay-Equipment-Mod Accrual	5,317.13
	<b>Fiscal Year Total</b>	<b>\$678,540.17</b>
	<b>Grand Total</b>	<b>\$678,540.17</b>

**REGIONAL FLOOD CONTROL DISTRICT  
 FUND 2870 - FACILITIES MAINTENANCE FUND  
 FUND BALANCE REPORT  
 DECEMBER 2016**

BEGINNING CASH BALANCE:	7,101,256.18	
Accruals/Adjustments	<u>6,460.66</u>	
TOTAL BEGINNING CASH BALANCE:		\$7,107,716.84
REVENUES:		
Interest Income	7,071.71	
Fund 2860 - Transfer In Maintenance Work Program	666,600.00	
Miscellaneous Other Revenue/Adjustments	<u>0.00</u>	
TOTAL MONTHLY REVENUES		\$673,671.71
EXPENDITURES:		
Services & Supplies	0.00	
Maintenance Work Program Expenditures	(485,004.57)	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	0.00	
Contract Retention Payable	0.00	
Contract Retention Interest Payable	0.00	
Accounts Payable	<u>0.00</u>	
TOTAL MONTHLY EXPENSES		<u>(\$485,004.57)</u>
ENDING CASH BALANCE:		<u><u>\$7,296,383.98</u></u>

**Regional Flood Control District  
Monthly Expenditures  
Maintenance Work Program  
12/1/2016 to 12/31/2016**

**Fiscal Year- 2017**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>PO Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF HENDERSON	RF.HN01	MSC5026157	11/17/2016	4500252203 00010	12/01/2016	64.27
CITY OF HENDERSON	RF.HN01	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	26,318.62
CITY OF HENDERSON	RF.HN01	MSC5026174	11/21/2016	4500252203 00010	12/14/2016	5,445.00
CITY OF HENDERSON	RF.HN02	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	5,861.39
CITY OF HENDERSON	RF.HN03	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	40.36
CITY OF HENDERSON	RF.HN04	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	40.36
CITY OF HENDERSON	RF.HN05	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	936.13
CITY OF HENDERSON	RF.HN06	MSC5026157	11/17/2016	4500252203 00010	12/01/2016	3,275.70
CITY OF HENDERSON	RF.HN06	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	11,958.70
CITY OF HENDERSON	RF.HN06	MSC5026174	11/21/2016	4500252203 00010	12/14/2016	60.00
CITY OF HENDERSON	RF.HN09	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	60.88
CITY OF HENDERSON	RF.HN10	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	3,042.80
CITY OF HENDERSON	RF.HN13	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	4,033.75
CITY OF HENDERSON	RF.HN13	MSC5026174	11/21/2016	4500252203 00010	12/14/2016	1,106.25
CITY OF HENDERSON	RF.HN14	MSC5026157	11/17/2016	4500252203 00010	12/01/2016	64.27
CITY OF HENDERSON	RF.HN15	MSC5026157	11/17/2016	4500252203 00010	12/01/2016	128.54
CITY OF HENDERSON	RF.HN16	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	159.29
CITY OF HENDERSON	RF.HN18	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	111.38
CITY OF HENDERSON	RF.HN19	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	3,663.51
CITY OF HENDERSON	RF.HN20	MSC5026157	11/17/2016	4500252203 00010	12/01/2016	647.55
CITY OF HENDERSON	RF.HN27	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	1,519.53
CITY OF HENDERSON	RF.HN28	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	40.36
CITY OF HENDERSON	RF.HN29	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	10,692.70
CITY OF HENDERSON	RF.HN40	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	936.29
CITY OF HENDERSON	RF.HN41	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	133.53
CITY OF HENDERSON	RF.HN42	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	545.94
CITY OF HENDERSON	RF.HN50	MSC5026174	11/21/2016	4500252203 00010	12/14/2016	847.00
CITY OF HENDERSON	RF.HN53	MSC5026157	11/17/2016	4500252203 00010	12/01/2016	133.14
CITY OF HENDERSON	RF.HN55	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	40.70
CITY OF HENDERSON	RF.HN58	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	40.70
CITY OF HENDERSON	RF.HN60	MSC5026158	11/17/2016	4500252203 00010	12/01/2016	40.70
CITY OF LAS VEGAS	RF.LV51	224797	11/19/2016	4500253799 00010	12/09/2016	2,211.82
CITY OF LAS VEGAS	RF.LV51	225339	12/13/2016	4500253799 00010	12/29/2016	3,159.75
CITY OF LAS VEGAS	RF.LV52	224797	11/19/2016	4500253799 00010	12/09/2016	4,336.76
CITY OF LAS VEGAS	RF.LV52	225339	12/13/2016	4500253799 00010	12/29/2016	9,651.89
CITY OF LAS VEGAS	RF.LV54	224797	11/19/2016	4500253799 00010	12/09/2016	3,571.24
CITY OF LAS VEGAS	RF.LV54	225339	12/13/2016	4500253799 00010	12/29/2016	6,120.90
CITY OF LAS VEGAS	RF.LV55	224797	11/19/2016	4500253799 00010	12/09/2016	2,535.80
CITY OF LAS VEGAS	RF.LV55	225339	12/13/2016	4500253799 00010	12/29/2016	9,841.27
CITY OF LAS VEGAS	RF.LV57	224797	11/19/2016	4500253799 00010	12/09/2016	1,660.33

**Regional Flood Control District  
Monthly Expenditures  
Maintenance Work Program  
12/1/2016 to 12/31/2016**

**Fiscal Year- 2017**

<u>Vendor</u>	<u>Facility</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>PO Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF LAS VEGAS	RF.LV57	225339	12/13/2016	4500253799 00010	12/29/2016	34,132.91
CITY OF NORTH LAS VEGAS	RF.NL01	352306	12/19/2016	4500251338 00010	12/29/2016	3,006.39
CITY OF NORTH LAS VEGAS	RF.NL02	352286	11/17/2016	4500251338 00010	12/19/2016	2,098.52
CITY OF NORTH LAS VEGAS	RF.NL02	352306	12/19/2016	4500251338 00010	12/29/2016	9,176.72
CITY OF NORTH LAS VEGAS	RF.NL03	352286	11/17/2016	4500251338 00010	12/19/2016	2,108.88
CITY OF NORTH LAS VEGAS	RF.NL03	352306	12/19/2016	4500251338 00010	12/29/2016	2,157.60
CITY OF NORTH LAS VEGAS	RF.NL04	352286	11/17/2016	4500251338 00010	12/19/2016	4,556.67
CITY OF NORTH LAS VEGAS	RF.NL04	352306	12/19/2016	4500251338 00010	12/29/2016	167.06
CITY OF NORTH LAS VEGAS	RF.NL05	352306	12/19/2016	4500251338 00010	12/29/2016	127.61
CITY OF NORTH LAS VEGAS	RF.NL06	352306	12/19/2016	4500251338 00010	12/29/2016	285.39
CITY OF NORTH LAS VEGAS	RF.NL07	352286	11/17/2016	4500251338 00010	12/19/2016	110,223.43
CITY OF NORTH LAS VEGAS	RF.NL07	352306	12/19/2016	4500251338 00010	12/29/2016	128,551.70
CITY OF NORTH LAS VEGAS	RF.NL08	352286	11/17/2016	4500251338 00010	12/19/2016	3,522.43
CITY OF NORTH LAS VEGAS	RF.NL08	352306	12/19/2016	4500251338 00010	12/29/2016	1,509.87
CITY OF NORTH LAS VEGAS	RF.NL10	352306	12/19/2016	4500251338 00010	12/29/2016	48.72
CITY OF NORTH LAS VEGAS	RF.NL11	352306	12/19/2016	4500251338 00010	12/29/2016	1,588.76
CITY OF NORTH LAS VEGAS	RF.NL12	352286	11/17/2016	4500251338 00010	12/19/2016	18,719.23
CITY OF NORTH LAS VEGAS	RF.NL12	352306	12/19/2016	4500251338 00010	12/29/2016	5,491.35
CITY OF NORTH LAS VEGAS	RF.NL13	352286	11/17/2016	4500251338 00010	12/19/2016	1,534.06
CITY OF NORTH LAS VEGAS	RF.NL13	352306	12/19/2016	4500251338 00010	12/29/2016	1,721.70
CITY OF NORTH LAS VEGAS	RF.NL14	352286	11/17/2016	4500251338 00010	12/19/2016	4,776.34
CITY OF NORTH LAS VEGAS	RF.NL14	352306	12/19/2016	4500251338 00010	12/29/2016	980.56
CITY OF NORTH LAS VEGAS	RF.NL15	352306	12/19/2016	4500251338 00010	12/29/2016	2,732.44
CITY OF NORTH LAS VEGAS	RF.NL16	352286	11/17/2016	4500251338 00010	12/19/2016	4,584.74
CITY OF NORTH LAS VEGAS	RF.NL16	352306	12/19/2016	4500251338 00010	12/29/2016	910.98
CITY OF NORTH LAS VEGAS	RF.NL17	352306	12/19/2016	4500251338 00010	12/29/2016	923.94
CITY OF NORTH LAS VEGAS	RF.NL18	352306	12/19/2016	4500251338 00010	12/29/2016	910.98
CITY OF NORTH LAS VEGAS	RF.NL19	352286	11/17/2016	4500251338 00010	12/19/2016	957.50
CITY OF NORTH LAS VEGAS	RF.NL19	352306	12/19/2016	4500251338 00010	12/29/2016	1,416.24
L R NELSON CONSULTING EN	RF.HN14	13010A	09/15/2016	4500253302 00010	12/06/2016	1,296.00
L R NELSON CONSULTING EN	RF.HN16	10009A	09/15/2016	4500253302 00010	12/06/2016	1,296.00
L R NELSON CONSULTING EN	RF.HN16	11009A	10/31/2016	4500253302 00010	12/09/2016	8,410.75
<b>Total Expenditures</b>						<b>\$485,004.57</b>
<b>Grand Total</b>						<b>\$485,004.57</b>

**Regional Flood Control District  
Maintenance Work Program Status Report - Fiscal Year 2017**

**Boulder City**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.BC01	Hemenway Watershed	100,650.00	43,389.12	57,260.88
RF.BC02	Georgia/Buchanan Watershed	89,500.00	1,911.04	87,588.96
RF.BC03	North Railroad Watershed	74,850.00	620.03	74,229.97
RF.BC04	West Airport Watershed	35,000.00	1,802.37	33,197.63
		<u>\$300,000.00</u>	<u>\$47,722.56</u>	<u>\$252,277.44</u>

**Clark County**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.CC01	Flamingo Wash	798,500.00	89,508.36	708,991.64
RF.CC02	Las Vegas Wash	173,500.00	103,418.29	70,081.71
RF.CC03	Duck Creek	284,500.00	42,583.67	241,916.33
RF.CC05	Las Vegas Range Wash	345,300.00	103,728.47	241,571.53
RF.CC06	Tropicana Wash	345,000.00	38,938.26	306,061.74
RF.CC07	Airport Channel	48,000.00	8,047.34	39,952.66
RF.CC08	Monson Channel	294,700.00	1,822.25	292,877.75
RF.CC09	Rawhide Channel	540,500.00	7,959.77	532,540.23
RF.CC10	Van Buskirk Channel	33,000.00	1,889.19	31,110.81
RF.CC11	Flamingo Wash North Fork	1,054,000.00	525,768.19	528,231.81
RF.CC14	Laughlin Washes	37,000.00	803.66	36,196.34
RF.CC15	Moapa Valley	68,500.00	2,642.21	65,857.79
RF.CC16	Blue Diamond Wash	147,000.00	11,135.93	135,864.07
RF.CC17	Searchlight	2,000.00	436.60	1,563.40
RF.CC18	Bunkerville	12,700.00	1,051.31	11,648.69
RF.CC19	Pittman Wash	67,500.00	17,145.96	50,354.04
RF.CC20	Indian Springs	11,000.00	815.65	10,184.35
RF.CC21	Northern Beltway Channels	101,000.00	8,099.48	92,900.52
		<u>\$4,363,700.00</u>	<u>\$965,794.59</u>	<u>\$3,397,905.41</u>

**Henderson**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN01	C-1 Channel	63,450.15	93,297.64	(29,847.49)
RF.HN02	Greenway Channel	3,924.20	7,305.78	(3,381.58)
RF.HN03	Van Wagenen Channel	1,300.00	40.36	1,259.64
RF.HN04	Gibson Channel	3,000.00	130.79	2,869.21
RF.HN05	Lower Pittman Channel	8,500.00	3,094.29	5,405.71
RF.HN06	Upper Pittman Wash	153,035.70	150,875.21	2,160.49
RF.HN07	UPRR Channel	2,357.64	357.64	2,000.00
RF.HN08	Sandwedge Channel	10,000.00	1,319.19	8,680.81
RF.HN09	Whitney Ranch Channel	27,060.48	26,121.36	939.12
RF.HN10	Duck Creek Channel	336.65	3,169.52	(2,832.87)
RF.HN11	Mission Hills Detention Basin	150,450.00	932.53	149,517.47
RF.HN12	Railroad East Channel	2,500.00	256.60	2,243.40
RF.HN13	MacDonald Ranch Channel	7,500.00	5,140.00	2,360.00
RF.HN14	Drake Channel	10,214.02	10,074.29	139.73
RF.HN15	I-515 Channel	2,717.97	992.82	1,725.15
RF.HN16	Eastern Channel	14,000.00	13,353.70	646.30
RF.HN17	Western Interceptor	3,500.00	0.00	3,500.00
RF.HN18	Equestrian Detention Basin	30,500.00	356.49	30,143.51
RF.HN19	Sunridge Channel	11,354.40	6,017.91	5,336.49
RF.HN20	Pittman Wash Railroad Channel	5,088.81	736.36	4,352.45

**Regional Flood Control District  
Maintenance Work Program Status Report - Fiscal Year 2017**

**Henderson**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.HN21	Pittman Park Detention Basin	4,126.72	2,749.48	1,377.24
RF.HN22	Pittman Wash Burns	9,500.00	1,962.14	7,537.86
RF.HN24	Pittman Pecos Channel	4,660.89	308.21	4,352.68
RF.HN25	Black Mountain DB	16,500.00	388.42	16,111.58
RF.HN26	East C-1 DB & Berm, Channel-Havre	48,100.00	0.00	48,100.00
RF.HN27	McCullough Hills Det Basin	16,000.00	1,646.25	14,353.75
RF.HN28	Pioneer Detention Basin	37,000.00	4,105.03	32,894.97
RF.HN29	Pittman East Det Basin	69,000.00	10,949.42	58,050.58
RF.HN30	Saguaro Park/Downs Channel	1,373.05	573.05	800.00
RF.HN31	C-1 Channel - US 95	887.32	87.32	800.00
RF.HN32	C-1 Channel Boulder Highway	6,626.72	204.19	6,422.53
RF.HN33	Upper Pittman Wash South	4,426.72	355.51	4,071.21
RF.HN34	Pittman Stephanie	2,785.35	1,885.35	900.00
RF.HN35	Pittman Desert Willow	1,300.00	0.00	1,300.00
RF.HN36	Pittman Foothills Drive	1,300.00	0.00	1,300.00
RF.HN37	Pittman Lake Mead	1,300.00	410.43	889.57
RF.HN38	Pittman Valle Verde	1,300.00	0.00	1,300.00
RF.HN40	Pittman Pioneer Detention	2,363.36	999.65	1,363.71
RF.HN41	Pittman West Horizon	4,748.85	4,164.03	584.82
RF.HN42	Pittman/Anthem Parkway	11,395.72	11,426.98	(31.26)
RF.HN43	Pittman Horizon Ridge	1,300.00	0.00	1,300.00
RF.HN45	Pittman Anthem Channel & DB	18,500.00	63.36	18,436.64
RF.HN46	Pittman Reunion Drive	2,100.00	0.00	2,100.00
RF.HN47	Pittman Green Valley	800.00	0.00	800.00
RF.HN48	Pittman Seven Hills	1,200.00	0.00	1,200.00
RF.HN49	C-1 Channel US 95 Trib 1	1,300.00	0.00	1,300.00
RF.HN50	C-1 Channel Four Kids	7,108.94	6,955.94	153.00
RF.HN53	Lake Las Vegas Magic Way Chnl	1,300.00	133.14	1,166.86
RF.HN54	Pittman Hampton Road	1,000.00	0.00	1,000.00
RF.HN55	Pittman Anthem Drive	1,300.00	40.70	1,259.30
RF.HN56	Pittman Wash Southeast	4,100.00	0.00	4,100.00
RF.HN57	Pittman Wash Wilderness Study	2,100.00	0.00	2,100.00
RF.HN58	Pittman Southedge-North	1,366.24	484.41	881.83
RF.HN59	Pittman Southedge-South	1,000.00	0.00	1,000.00
RF.HN60	Pittman Southedge-Anthem	1,800.00	40.70	1,759.30
RF.HN61	Pittman East Headworks DB	18,000.00	316.84	17,683.16
RF.HN62	C-1 Channel-Racetrack	1,090.10	190.10	900.00
		<b>\$820,850.00</b>	<b>\$374,013.13</b>	<b>\$446,836.87</b>

**Las Vegas**

<u>Facility</u>	<u>Facility Name</u>	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
RF.LV51	Cedar Ave Channel/Nellis System	50,000.00	12,036.20	37,963.80
RF.LV52	Gowan/Angel Pk/Lone Mtn System	500,000.00	89,052.73	410,947.27
RF.LV53	Lake Mead/Smoke Ranch/Washington Sys	50,000.00	0.00	50,000.00
RF.LV54	Las Vegas Wash System	700,000.00	19,755.97	680,244.03
RF.LV55	Meadows/Oakey System	100,000.00	19,954.15	80,045.85
RF.LV56	Washington Ave/LV Creek	225,000.00	0.00	225,000.00
RF.LV57	US95/Outer Beltway/Ann Road System	1,000,000.00	42,027.64	957,972.36
		<b>\$2,625,000.00</b>	<b>\$182,826.69</b>	<b>\$2,442,173.31</b>



**Regional Flood Control District  
Maintenance Work Program Status Report - Fiscal Year 2017**

**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	4,689.16	14,310.84
RF.ME02	Abbott Wash Channel	14,300.00	2,721.19	11,578.81
RF.ME04	Town Wash Detention Basin	467,300.00	442,264.16	25,035.84
RF.ME07	Pulsipher Wash	29,400.00	3,014.98	26,385.02
RF.ME08	Abbott Wash Detention Basin	68,000.00	1,181.34	66,818.66
RF.ME09	Pulsipher Wash Detention Basin	29,700.00	2,350.00	27,350.00
		<b>\$627,700.00</b>	<b>\$456,220.83</b>	<b>\$171,479.17</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	53,172.81	4,711.07	48,461.74
RF.NL02	Las Vegas Wash-Middle	117,571.00	31,879.89	85,691.11
RF.NL03	LV Wash-King Charles Channel	52,071.00	11,204.97	40,866.03
RF.NL04	Vandenberg Detention Basin	77,071.00	6,477.93	70,593.07
RF.NL05	North Las Vegas Detention Basin	68,836.37	485.55	68,350.82
RF.NL06	Upper LVW DB & Moccasin Levee	81,500.00	403.73	81,096.27
RF.NL07	Carey/Lake Mead Detention Basin	388,909.48	351,044.81	37,864.67
RF.NL08	Gowan Outfall Channel	51,571.00	7,027.37	44,543.63
RF.NL10	Upper Las Vegas Wash	23,000.00	6,259.55	16,740.45
RF.NL11	Clayton Street Channel	47,571.00	1,588.76	45,982.24
RF.NL12	Lower Las Vegas Detention Basin	198,563.09	150,452.97	48,110.12
RF.NL13	West Trib-Ranch House to Lower LV DB	50,571.00	5,428.42	45,142.58
RF.NL14	Trib to Western Trib @ Craig Rd	49,571.00	18,879.36	30,691.64
RF.NL15	Las Vegas Wash-Smoke Ranch	45,571.00	9,085.42	36,485.58
RF.NL16	Upper Las Vegas Wash Channel	82,571.00	29,262.06	53,308.94
RF.NL17	Range Wash-LVW Diversion & Levee	84,735.25	923.94	83,811.31
RF.NL18	Cheyenne Peaking Basin	68,071.00	2,478.32	65,592.68
RF.NL19	LVW-Middle, Cheyenne Ave to Owens Ave	176,573.00	4,108.34	172,464.66
		<b>\$1,717,500.00</b>	<b>\$641,702.46</b>	<b>\$1,075,797.54</b>

	<u>Budget</u>	<u>Amount Spent</u>	<u>Amount Remaining</u>
<b>Program Totals</b>	<b>\$10,454,750.00</b>	<b>\$2,668,280.26</b>	<b>\$7,786,469.74</b>

**REGIONAL FLOOD CONTROL DISTRICT  
 FUND 3300 - BOND DEBT SERVICE FUND  
 FUND BALANCE REPORT  
 DECEMBER 2016**

BEGINNING CASH BALANCE	3,870,954.38	
Accruals/Adjustments	<u>3,141.00</u>	
TOTAL BEGINNING CASH BALANCE		\$3,874,095.38
 REVENUES:		
Interest Income	7,311.94	
Fund 2860 - Transfer In Debt Service	3,307,317.73	
Bonds Issued	0.00	
Premium on Bonds Issued	0.00	
Miscellaneous Other Revenue	0.00	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	<u>0.00</u>	
TOTAL MONTHLY REVENUES		\$3,314,629.67
 EXPENDITURES:		
Professional Services	0.00	
Debt Service Payments*	(228.42)	
Payments to Escrow Agent	0.00	
Transfers Out to Other Funds	0.00	
Accruals/Adjustments		
Miscellaneous Accruals/Adjustments	<u>0.00</u>	
TOTAL MONTHLY EXPENSES		<u>(\$228.42)</u>
 ENDING CASH BALANCE:		 <u><u>\$7,188,496.63</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  
 DECEMBER 2016**

**BEGINNING CASH BALANCE:**

Cash in Custody of Treasurer	107,584,242.73
Custodial Account Cash Balance	40,358,385.41
Accruals/Adjustments	<u>13,576.87</u>

**TOTAL BEGINNING CASH BALANCE** **\$147,956,205.01**

**REVENUES:**

Fund 2860 - Transfer In Budgeted Transfer	3,750,000.00
Fund 3300 - Transfer In Bond Proceeds	0.00
Custodial Account - Transfer In to Treasurer	0.00
Interest Earnings	104,527.77
Custodial Account Interest Earnings	0.00
Proceeds from Bonds and Loans	0.00
Miscellaneous Other Revenue	0.00
Accruals/Adjustments	
Miscellaneous Accruals/Adjustments	<u>0.00</u>

**TOTAL MONTHLY REVENUES** **\$3,854,527.77**

**EXPENDITURES:**

Capital Improvement Program	(6,265,708.85)
Professional Services	0.00
Project Reimbursements	0.00
Fund 2860 - Transfer Out Interest Earnings	0.00
Fund 2860 - Transfer Out ILA Closeout/Reductions	0.00
Custodial Account - Transfer Out to Treasurer	(0.00)
Accruals/Adjustments	
Contracts Retention Payable	8,085.93
Contracts Retention Interest Payable	0.00
Accounts Payable	566.52
Miscellaneous Accruals/Adjustments	<u>0.00</u>

**TOTAL MONTHLY EXPENDITURES** **(\$6,257,056.40)**

**ENDING CASH BALANCE:**

Cash in Custody of Treasurer	105,195,290.97
Custodial Account Cash Balance	<u>40,358,385.41</u>

**ENDING CASH BALANCE:** **\$145,553,676.38**

**Regional Flood Control District**  
**Monthly Expenditures**  
**Capital Improvement Program**  
**12/1/2016 to 12/31/2016**

**Fund 4430**

**Fiscal Year - 2017**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>PO Number</u>	<u>Date Paid</u>	<u>Amount</u>
ATKINS NORTH AMERICA INC	RF.HEN24A11	1846591	10/11/2016	4800004705 00040	12/01/2016	317.28
CH2M HILL ENGINEERS INC	RF.HEN05E09	38108360313	10/27/2016	4800006548 00020	12/01/2016	1,770.00
CH2M HILL ENGINEERS INC	RF.HEN12I09	38108360323	10/27/2016	4800006549 00030	12/01/2016	300.00
CITY OF HENDERSON	RF.HEN01I14	MSC5026161	11/17/2016	4800006817 00010	12/01/2016	544.48
CITY OF HENDERSON	RF.HEN04P09	MSC5026165	11/17/2016	4800002767 00010	12/01/2016	261.68
CITY OF HENDERSON	RF.HEN04Q15	MSC5026164	11/17/2016	4800007358 00010	12/01/2016	3,509.61
CITY OF HENDERSON	RF.HEN06J13	MSC5026163	11/17/2016	4800006482 00010	12/01/2016	94.05
CITY OF HENDERSON	RF.HEN12J16	MSC5026162	11/17/2016	4800007530 00010	12/01/2016	1,931.96
CITY OF HENDERSON	RF.HEN16A01	MSC5026159	11/17/2016	4800001182 00010	12/01/2016	1,512.34
CITY OF HENDERSON	RF.HEN16A01	MSC5026166	11/17/2016	4800001182 00010	12/01/2016	94.05
CITY OF HENDERSON	RF.HEN16D15	MSC5026160	11/17/2016	4800007269 00010	12/01/2016	2,853.96
CITY OF LAS VEGAS	RF.LAS05K15	224831	11/19/2016	4800006738 00010	12/09/2016	893.79
CITY OF LAS VEGAS	RF.LAS05K15	225287	12/12/2016	4800006738 00010	12/29/2016	649.36
CITY OF LAS VEGAS	RF.LAS14C11	224804	11/19/2016	4800004218 00010	12/09/2016	542.50
CITY OF LAS VEGAS	RF.LAS14C11	225309	12/12/2016	4800004218 00010	12/29/2016	651.03
CITY OF LAS VEGAS	RF.LAS14D14	224818	11/19/2016	4800006033 00020	12/09/2016	6,309.97
CITY OF LAS VEGAS	RF.LAS14D14	225310	12/12/2016	4800006033 00020	12/29/2016	5,123.38
CITY OF LAS VEGAS	RF.LAS16N13	224812	11/19/2016	4800005743 00020	12/09/2016	2,348.73
CITY OF LAS VEGAS	RF.LAS16N13	225286	12/12/2016	4800005743 00020	12/29/2016	2,673.41
CITY OF LAS VEGAS	RF.LAS16O13	224819	11/19/2016	4800005933 00020	12/09/2016	326.19
CITY OF LAS VEGAS	RF.LAS16O13	225285	12/12/2016	4800005933 00020	12/29/2016	1,457.48
CITY OF LAS VEGAS	RF.LAS16P15	224837	11/19/2016	4800007389 00010	12/09/2016	558.27
CITY OF LAS VEGAS	RF.LAS16P15	225284	12/12/2016	4800007389 00010	12/29/2016	1,197.14
CITY OF LAS VEGAS	RF.LAS22R12	224718	11/15/2016	4800005111 00020	12/01/2016	1,311.51
CITY OF LAS VEGAS	RF.LAS22S13	224813	11/19/2016	4800005745 00020	12/09/2016	1,510.76
CITY OF LAS VEGAS	RF.LAS22S13	225342	12/13/2016	4800005745 00020	12/29/2016	6,437.37
CITY OF LAS VEGAS	RF.LAS23F14	224829	11/19/2016	4800006571 00020	12/09/2016	2,636.08
CITY OF LAS VEGAS	RF.LAS23F14	225318	12/12/2016	4800006571 00020	12/29/2016	3,561.09
CITY OF LAS VEGAS	RF.LAS23G15	224841	11/19/2016	4800007191 00010	12/09/2016	2,817.16
CITY OF LAS VEGAS	RF.LAS23G15	225337	12/13/2016	4800007191 00010	12/29/2016	51,528.49
CITY OF LAS VEGAS	RF.LAS23H15	224833	11/19/2016	4800007390 00010	12/09/2016	2,994.85
CITY OF LAS VEGAS	RF.LAS23H15	225317	12/12/2016	4800007390 00010	12/29/2016	53,996.43
CITY OF LAS VEGAS	RF.LAS24E07	225300	12/12/2016	4800000203 00050	12/29/2016	90.45
CITY OF LAS VEGAS	RF.LAS24H13	224814	11/19/2016	4800005747 00020	12/09/2016	13,456.60
CITY OF LAS VEGAS	RF.LAS24H13	225301	12/12/2016	4800005747 00020	12/29/2016	23,782.00
CITY OF LAS VEGAS	RF.LAS24I15	224836	11/19/2016	4800007188 00010	12/09/2016	25,521.83
CITY OF LAS VEGAS	RF.LAS24I15	225303	12/12/2016	4800007188 00010	12/29/2016	1,329.56
CITY OF LAS VEGAS	RF.LAS24J15	224840	11/19/2016	4800007189 00010	12/09/2016	70,372.15
CITY OF LAS VEGAS	RF.LAS24J15	225302	12/12/2016	4800007189 00010	12/29/2016	67,169.43
CITY OF LAS VEGAS	RF.LAS25B13	224815	11/19/2016	4800005742 00020	12/09/2016	53,115.04
CITY OF LAS VEGAS	RF.LAS25B13	225338	12/13/2016	4800005742 00020	12/29/2016	529.64
CITY OF LAS VEGAS	RF.LAS28C12	224809	11/19/2016	4800005013 00010	12/09/2016	1,707.82
CITY OF LAS VEGAS	RF.LAS28C12	225294	12/12/2016	4800005013 00010	12/29/2016	1,702.88
CITY OF LAS VEGAS	RF.LAS29B15	224834	11/19/2016	4800007391 00010	12/09/2016	1,750.85
CITY OF LAS VEGAS	RF.LAS29B15	225311	12/12/2016	4800007391 00010	12/29/2016	194,716.04

**Regional Flood Control District  
Monthly Expenditures  
Capital Improvement Program  
12/1/2016 to 12/31/2016**

**Fund 4430**

**Fiscal Year - 2017**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>PO Number</u>	<u>Date Paid</u>	<u>Amount</u>
CITY OF LAS VEGAS	RF.LLD08A11	225354	12/13/2016	4800004223 00010	12/27/2016	291,443.52
CITY OF NORTH LAS VEGAS	RF.NLV01G11	7848	11/21/2016	4800004209 00010	12/01/2016	1,422.88
CITY OF NORTH LAS VEGAS	RF.NLV01G11	7902	12/19/2016	4800004209 00010	12/29/2016	11,615.64
CITY OF NORTH LAS VEGAS	RF.NLV01H13	7855#1	11/22/2016	4800006068 00010	12/01/2016	3,876.16
CITY OF NORTH LAS VEGAS	RF.NLV01H13	7909	12/19/2016	4800006068 00010	12/29/2016	6,315.00
CITY OF NORTH LAS VEGAS	RF.NLV01I14	7849#1	11/21/2016	4800006072 00020	12/01/2016	2,708,928.98
CITY OF NORTH LAS VEGAS	RF.NLV01I14	7903	12/19/2016	4800006072 00020	12/29/2016	41,000.70
CITY OF NORTH LAS VEGAS	RF.NLV01J15	7856#1	11/22/2016	4800007359 00020	12/01/2016	286,350.60
CITY OF NORTH LAS VEGAS	RF.NLV01J15	7910	12/19/2016	4800007359 00020	12/29/2016	194,632.08
CITY OF NORTH LAS VEGAS	RF.NLV03E13	7853	11/21/2016	4800006067 00030	12/01/2016	4,307.28
CITY OF NORTH LAS VEGAS	RF.NLV03E13	7908	12/19/2016	4800006067 00030	12/29/2016	50,173.83
CITY OF NORTH LAS VEGAS	RF.NLV04J14	7851	11/21/2016	4800006074 00020	12/01/2016	2,576.54
CITY OF NORTH LAS VEGAS	RF.NLV04J14	7905	12/19/2016	4800006074 00020	12/29/2016	1,965.08
CITY OF NORTH LAS VEGAS	RF.NLV09E11	7847	11/21/2016	4800004139 00030	12/01/2016	48,354.43
CITY OF NORTH LAS VEGAS	RF.NLV09E11	7901	12/19/2016	4800004139 00030	12/29/2016	13,371.87
CITY OF NORTH LAS VEGAS	RF.NLV09H14	7907	12/19/2016	4800006073 00020	12/29/2016	54.16
CITY OF NORTH LAS VEGAS	RF.NLV09I13	7852	11/21/2016	4800006141 00030	12/01/2016	49,525.50
CITY OF NORTH LAS VEGAS	RF.NLV09I13	7906	12/19/2016	4800006141 00030	12/29/2016	10,592.69
CITY OF NORTH LAS VEGAS	RF.NLV18A07	7529	07/19/2016	4800000790 00040	12/01/2016	14,183.04
CITY OF NORTH LAS VEGAS	RF.NLV18F13	7854	11/21/2016	4800006034 00010	12/01/2016	57,124.25
CITY OF NORTH LAS VEGAS	RF.NLV18F13	7911	12/19/2016	4800006034 00020	12/29/2016	60,233.79
CITY OF NORTH LAS VEGAS	RF.NLV18H14	7850	11/21/2016	4800006604 00020	12/01/2016	3,292.22
CITY OF NORTH LAS VEGAS	RF.NLV18H14	7904	12/19/2016	4800006604 00020	12/29/2016	3,790.54
LAS VEGAS PAVING CORP	RF.HEN01I14	HEN01I14#19	10/31/2016	4800006818 00010	12/08/2016	13,477.50
LAS VEGAS PAVING CORP	RF.HEN04Q15	HEN04Q15#11	10/31/2016	4800007360 00010	12/08/2016	5,235.00
LAS VEGAS PAVING CORP	RF.HEN16D15	HEN16D15#11	10/31/2016	4800007270 00010	12/08/2016	6,658.50
PUBLIC WORKS/CC TREAS	RF.CLA04E99	1517061371	12/01/2016	none	12/14/2016	1,194.69
PUBLIC WORKS/CC TREAS	RF.CLA15D12	1517061367	12/01/2016	none	12/14/2016	6,558.84
PUBLIC WORKS/CC TREAS	RF.CLA15D12	1517070898	12/20/2016	none	12/27/2016	8,859.81
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1517061283	12/01/2016	none	12/14/2016	13,880.96
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1517061370	12/01/2016	none	12/14/2016	1,357,677.61
PUBLIC WORKS/CC TREAS	RF.CLA15E13	1517061373	12/01/2016	none	12/14/2016	118,077.93
PUBLIC WORKS/CC TREAS	RF.CLA27C08	1517062306	12/02/2016	none	12/02/2016	3,805.11
PUBLIC WORKS/CC TREAS	RF.CLA27C08	1517070890	12/20/2016	none	12/27/2016	2,706.99
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1517061308	12/01/2016	none	12/28/2016	1,735.77
PUBLIC WORKS/CC TREAS	RF.LAU04A08	1517070897	12/20/2016	none	12/27/2016	1,238.72
PUBLIC WORKS/CC TREAS	RF.MOA01B89	1517053682	11/15/2016	none	12/27/2016	566.52
PUBLIC WORKS/CC TREAS	RF.MOA01B89	1517071734	12/21/2016	none	12/27/2016	2,275.30
PUBLIC WORKS/CC TREAS	RF.MOA01F10	1517067570	12/13/2016	none	12/20/2016	88,267.50
SOUTHERN NEVADA ENVIROI	RF.HEN16A01	5658	11/03/2016	4800007394 00010	12/05/2016	1,830.31
TARGET CONSTRUCTION INC	RF.HEN12J16	HEN12J16#1	11/30/2016	4800007799 00010	12/19/2016	136,347.32
VTN NEVADA	RF.HEN16A01	7520#34	09/10/2016	4800006059 00020	12/05/2016	3,600.00
VTN NEVADA	RF.HEN16A01	7520#35	10/10/2016	4800006059 00040	12/05/2016	3,585.80
VTN NEVADA	RF.HEN16A01	7520#36	11/10/2016	4800006059 00040	12/14/2016	5,039.20

**Fiscal Year Total \$6,265,708.85**

**Fund Total \$6,265,708.85**

REGIONAL FLOOD CONTROL DISTRICT  
 FUND 4440 - CAPITAL IMPROVEMENTS BOND FUND  
 FUND BALANCE REPORT  
 DECEMBER 2016

BEGINNING CASH BALANCE:	23,844,841.15	
Accruals/Adjustments	<u>22,810.79</u>	
TOTAL BEGINNING CASH BALANCE		\$23,867,651.94
REVENUES:		
Interest Income	23,703.91	
Proceeds from Bonds and Loans	0.00	
Other	<u>0.00</u>	
TOTAL MONTHLY REVENUES		\$23,703.91
EXPENDITURES:		
Capital Improvement Program	(1,486,107.58)	
Professional Services	0.00	
Project Reimbursements	0.00	
Fund 4430 - Transfer Out Reallocated Expenses	0.00	
Accruals/Adjustments		
Contracts Retention Payable	0.00	
Contracts Retention Interest Payable	0.00	
Accounts Payable	0.00	
Miscellaneous Accruals/Adjustments	<u>0.00</u>	
TOTAL MONTHLY EXPENDITURES		(\$1,486,107.58)
ENDING CASH BALANCE:		<u><u>\$22,405,248.27</u></u>

**Regional Flood Control District  
 Monthly Expenditures  
 Capital Improvement Program  
 12/1/2016 to 12/31/2016**

**Fund 4440**

**Fiscal Year- 2017**

<u>Vendor</u>	<u>Project</u>	<u>Invoice No.</u>	<u>Inv. Date</u>	<u>PO Number</u>	<u>Date Paid</u>	<u>Amount</u>
PUBLIC WORKS/CC TREAS	RF.CLA27D13	1517061372	12/01/2016	none	12/14/2016	65,669.44
PUBLIC WORKS/CC TREAS	RF.CLA27D13	1517065612	12/08/2016	none	12/20/2016	7,620.48
PUBLIC WORKS/CC TREAS	RF.CLA27D13	1517068587	12/14/2016	none	12/20/2016	63,222.66
PUBLIC WORKS/CC TREAS	RF.CLA27D13	1517071771	12/21/2016	none	12/27/2016	1,349,595.00
<b>Fiscal Year Total</b>						<b>\$1,486,107.58</b>
<b>Fund Total</b>						<b>\$1,486,107.58</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Boulder City**

**RF.BOU01C10**

Hemenway System, Phase II Improvements  
Interlocal Amount \$745,000.00

Original Funding Date 02/11/2010  
Expiration Date 01/14/2019

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$730,000.00	\$470,319.20	\$259,680.80
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$7,726.67	\$7,273.33
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$745,000.00</b>	<b>\$478,045.87</b>	<b>\$266,954.13</b>

**RF.BOU05J10**

North Railroad Conveyance  
Interlocal Amount \$530,000.00

Original Funding Date 02/11/2010  
Expiration Date 06/30/2017

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$515,000.00	\$439,703.56	\$75,296.44
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$7,726.67	\$7,273.33
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$530,000.00</b>	<b>\$447,430.23</b>	<b>\$82,569.77</b>

**ENTITY: Clark County**

**RF.CLA01B04**

F4 Patrick Lane/Ft Apache Road Lateral  
Interlocal Amount \$482,000.00

Original Funding Date 10/14/2004  
Expiration Date 06/30/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$20,359.21	\$20,359.21	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$456,565.22	\$456,565.22	\$0.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,075.57	\$5,075.57	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$482,000.00</b>	<b>\$482,000.00</b>	<b>\$0.00</b>



# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Clark County**

**RFCLA04E99**

**Flamingo Wash, McLeod Dr to Maryland PKWY  
Interlocal Amount \$2,980,000.00**

**Original Funding Date 08/12/1999  
Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$741,500.00	\$637,505.24	\$103,994.76
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,877,500.00	\$1,465,558.57	\$411,941.43
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$339,000.00	\$315,950.17	\$23,049.83
Other	\$22,000.00	\$17,086.99	\$4,913.01
<b>Total</b>	<b>\$2,980,000.00</b>	<b>\$2,436,100.97</b>	<b>\$543,899.03</b>

**RFCLA08Q13**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$210,500.00	\$18,505.00	\$191,995.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$254,000.00	\$238,453.20	\$15,546.80
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,500.00	\$10,865.00	\$4,635.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$480,000.00</b>	<b>\$267,823.20</b>	<b>\$212,176.80</b>

**RFCLA08R13**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$1,000.00	\$0.00	\$1,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$483,000.00	\$0.00	\$483,000.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$1,000.00	\$0.00	\$1,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$485,000.00</b>	<b>\$0.00</b>	<b>\$485,000.00</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Clark County**

**RF.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	\$0.00	\$31,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,248,000.00	\$136,818.88	\$1,111,181.12
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$81,000.00	\$0.00	\$81,000.00
Other	\$10,000.00	\$0.00	\$10,000.00
<b>Total</b>	<b>\$1,370,000.00</b>	<b>\$136,818.88</b>	<b>\$1,233,181.12</b>

**RF.CLA08W16**

**Duck Creek at Dean Martin**

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

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,472,857.00	\$0.00	\$3,472,857.00
Const Engineering	\$314,500.00	\$0.00	\$314,500.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,787,357.00</b>	<b>\$0.00</b>	<b>\$3,787,357.00</b>

**RF.CLA10F10**

**Flamingo Wash, Industrial Road to Hotel Rio Drive**

**Interlocal Amount \$46,000.00**

**Original Funding Date 04/08/2010**

**Expiration Date 06/30/2020**

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

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Clark County**

**RF.CLA10H13**

**Airport Channel - Naples**

**Interlocal Amount \$600,000.00**

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

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$1,088.00	\$912.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$579,000.00	\$218,668.81	\$360,331.19
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$19,000.00	\$0.00	\$19,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$600,000.00</b>	<b>\$219,756.81</b>	<b>\$380,243.19</b>

**RF.CLA15D12**

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

**Interlocal Amount \$5,622,000.00**

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

**Expiration Date 06/30/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$22,000.00	\$3,722.00	\$18,278.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$4,791,000.00	\$4,150,409.68	\$640,590.32
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$220,000.00	\$84,880.43	\$135,119.57
Other	\$589,000.00	\$488,442.91	\$100,557.09
<b>Total</b>	<b>\$5,622,000.00</b>	<b>\$4,727,455.02</b>	<b>\$894,544.98</b>

**RF.CLA21A00**

**Orchard Detention Basin**

**Interlocal Amount \$1,674,700.00**

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$428,000.00	\$382,123.56	\$45,876.44
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$973,000.00	\$756,916.60	\$216,083.40
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$251,900.00	\$139,976.48	\$111,923.52
Other	\$21,800.00	\$0.00	\$21,800.00
<b>Total</b>	<b>\$1,674,700.00</b>	<b>\$1,279,016.64</b>	<b>\$395,683.36</b>

## Current Project Expense Summary

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

**ENTITY: Clark County**

**RF.CLA27C08**

**Flamingo Diversion - Rainbow Branch**  
**Interlocal Amount \$1,030,000.00**

**Original Funding Date 08/14/2008**  
**Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$33,000.00	\$11,521.30	\$21,478.70
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$897,000.00	\$739,906.43	\$157,093.57
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$8,791.09	\$1,208.91
Other	\$90,000.00	\$34,993.97	\$55,006.03
<b>Total</b>	<b>\$1,030,000.00</b>	<b>\$795,212.79</b>	<b>\$234,787.21</b>

**ENTITY: Clark County Outlying**

**RF.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	\$94,000.00	\$32,052.15	\$61,947.85
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$660,000.00	\$595,571.05	\$64,428.95
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$119,000.00	\$115,797.47	\$3,202.53
Other	\$7,000.00	\$0.00	\$7,000.00
<b>Total</b>	<b>\$880,000.00</b>	<b>\$743,420.67</b>	<b>\$136,579.33</b>

**RF.GSP01B10**

**Goodsprings - Phase I**  
**Interlocal Amount \$53,400.00**

**Original Funding Date 03/11/2010**  
**Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$27,500.00	\$11,997.24	\$15,502.76
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$25,400.00	\$19,668.97	\$5,731.03
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$500.00	\$0.00	\$500.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$53,400.00</b>	<b>\$31,666.21</b>	<b>\$21,733.79</b>

## Current Project Expense Summary

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

**ENTITY: Clark County Outlying**

**RE.LAU04A08**

**SR 163 at Casino Drive**

**Interlocal Amount \$473,500.00**

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

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$11,500.00	\$3,393.86	\$8,106.14
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$386,500.00	\$272,299.66	\$114,200.34
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$75,500.00	\$58,528.25	\$16,971.75
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$473,500.00</b>	<b>\$334,221.77</b>	<b>\$139,278.23</b>

**RF.MOA01B89**

**Muddy River West Levee, Moapa Valley**

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

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

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$10,811,200.00	\$10,810,530.39	\$669.61
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$2,448,000.00	\$1,826,342.42	\$621,657.58
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$132,500.00	\$130,581.84	\$1,918.16
Other	\$109,300.00	\$99,009.79	\$10,290.21
<b>Total</b>	<b>\$13,501,000.00</b>	<b>\$12,866,464.44</b>	<b>\$634,535.56</b>

**RF.MOA01F10**

**Muddy River Logandale Levee**

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

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

**Expiration Date 06/30/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$830,500.00	\$466,753.42	\$363,746.58
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$761,000.00	\$680,908.00	\$80,092.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$103,500.00	\$64,883.35	\$38,616.65
Other	\$58,000.00	\$53,490.00	\$4,510.00
<b>Total</b>	<b>\$1,753,000.00</b>	<b>\$1,266,034.77</b>	<b>\$486,965.23</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Clark County Outlying**

**RF.MOA01H15**

**Muddy River Logandale Levee  
Interlocal Amount \$7,200,000.00**

**Original Funding Date 01/08/2015  
Expiration Date 06/30/2020**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$6,600,000.00	\$0.00	\$6,600,000.00
Const Engineering	\$600,000.00	\$0.00	\$600,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,200,000.00</b>	<b>\$0.00</b>	<b>\$7,200,000.00</b>

**RF.MOA03A11**

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

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$25,500.00	\$22,331.30	\$3,168.70
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$749,000.00	\$350,970.54	\$398,029.46
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$172,500.00	\$140,930.36	\$31,569.64
Other	\$17,000.00	\$0.00	\$17,000.00
<b>Total</b>	<b>\$964,000.00</b>	<b>\$514,232.20</b>	<b>\$449,767.80</b>

**RF.SEA03A09**

**Searchlight - South, Encinitas St Storm Drain  
Interlocal Amount \$138,000.00**

**Original Funding Date 08/13/2009  
Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$500.00	\$0.00	\$500.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$137,000.00	\$30,795.92	\$106,204.08
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$500.00	\$0.00	\$500.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$138,000.00</b>	<b>\$30,795.92</b>	<b>\$107,204.08</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: COE/Clark County**

**RF.COE294**

**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	\$25,898,877.25	\$947,338.79
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$9,413,131.96	\$9,362,696.71	\$50,435.25
<b>Total</b>	<b>\$36,259,348.00</b>	<b>\$35,261,573.96</b>	<b>\$997,774.04</b>

**ENTITY: Henderson**

**RF.HEN01H09**

**Pittman Wash, Duck Creek at I-515**  
**Interlocal Amount \$402,705.00**

**Original Funding Date 07/09/2009**  
**Expiration Date 12/31/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$9,934.00	\$9,934.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$372,370.00	\$319,478.57	\$52,891.43
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$20,401.00	\$20,401.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$402,705.00</b>	<b>\$349,813.57</b>	<b>\$52,891.43</b>

**RF.HEN01I14**

**Pittman Wash, Duck Creek at I-515**  
**Interlocal Amount \$2,489,875.00**

**Original Funding Date 12/11/2014**  
**Expiration Date 06/30/2017**

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	\$2,303,585.00	\$2,230,270.00	\$73,315.00
Const Engineering	\$186,290.00	\$21,792.74	\$164,497.26
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,489,875.00</b>	<b>\$2,252,062.74</b>	<b>\$237,812.26</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Henderson**

**RF.HEN04P09**

**Racetrack Channel, Drake to Burkholder**

**Interlocal Amount \$247,099.00**

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

**Expiration Date 06/30/2017**

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	\$242,099.00	\$72,022.11	\$170,076.89
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$4,200.00	\$800.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$247,099.00</b>	<b>\$76,222.11</b>	<b>\$170,876.89</b>

**RF.HEN04Q15**

**Racetrack Channel, Drake to Burkholder**

**Interlocal Amount \$1,037,650.00**

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

**Expiration Date 06/30/2017**

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	\$903,650.00	\$770,267.40	\$133,382.60
Const Engineering	\$134,000.00	\$47,057.79	\$86,942.21
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,037,650.00</b>	<b>\$817,325.19</b>	<b>\$220,324.81</b>

**RF.HEN05E09**

**Pittman, Horizon Ridge Detention Basin**

**Interlocal Amount \$727,285.00**

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

**Expiration Date 12/31/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$99,004.00	\$43,635.00	\$55,369.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$529,802.00	\$444,093.81	\$85,708.19
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$88,479.00	\$86,255.35	\$2,223.65
Other	\$10,000.00	\$0.00	\$10,000.00
<b>Total</b>	<b>\$727,285.00</b>	<b>\$573,984.16</b>	<b>\$153,300.84</b>



# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Henderson**

**RF.HEN06F08**

**C-1 Equestrian Tributary**

**Interlocal Amount \$2,743,039.51**

**Original Funding Date 01/10/2008**

**Expiration Date 03/31/2017**

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	\$2,440,534.51	\$2,409,396.61	\$31,137.90
Const Engineering	\$302,505.00	\$302,398.54	\$106.46
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,743,039.51</b>	<b>\$2,711,795.15</b>	<b>\$31,244.36</b>

**RF.HEN06H09**

**Equestrian Detention Basin Expansion**

**Interlocal Amount \$346,797.00**

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

**Expiration Date 12/31/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$29,013.00	\$29,013.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$292,966.00	\$267,839.09	\$25,126.91
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$12,818.00	\$12,818.00	\$0.00
Other	\$12,000.00	\$0.00	\$12,000.00
<b>Total</b>	<b>\$346,797.00</b>	<b>\$309,670.09</b>	<b>\$37,126.91</b>

**RF.HEN12I09**

**Pittman, West Horizon - Palm Hills**

**Interlocal Amount \$275,078.00**

**Original Funding Date 07/09/2009**

**Expiration Date 12/31/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$22,708.00	\$18,985.82	\$3,722.18
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$209,643.00	\$156,728.71	\$52,914.29
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$42,727.00	\$34,992.84	\$7,734.16
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$275,078.00</b>	<b>\$210,707.37</b>	<b>\$64,370.63</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Henderson**

**RF.HEN16A01**

**Pittman North Detention Basin & Outfall**

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

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

**Expiration Date 12/31/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$122,389.00	\$108,800.68	\$13,588.32
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,615,702.00	\$1,290,560.37	\$325,141.63
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$366,106.00	\$347,453.95	\$18,652.05
Other	\$77,317.00	\$25,956.27	\$51,360.73
<b>Total</b>	<b>\$2,181,514.00</b>	<b>\$1,772,771.27</b>	<b>\$408,742.73</b>

**RF.HEN16D15**

**Pittman North Detention Basin and Outfall, Phase 1**

**Interlocal Amount \$4,342,105.00**

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

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,818,100.00	\$3,383,828.69	\$434,271.31
Const Engineering	\$524,005.00	\$48,832.40	\$475,172.60
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$4,342,105.00</b>	<b>\$3,432,661.09</b>	<b>\$909,443.91</b>

**RF.HEN16E15**

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

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

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

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,852,096.00	\$0.00	\$1,852,096.00
Const Engineering	\$148,225.00	\$94.05	\$148,130.95
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,000,321.00</b>	<b>\$94.05</b>	<b>\$2,000,226.95</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Henderson**

**RF.HEN22A09**

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

**Original Funding Date 07/09/2009**  
**Expiration Date 12/31/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$169,474.00	\$88,056.93	\$81,417.07
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$5,000.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$179,474.00</b>	<b>\$93,056.93</b>	<b>\$86,417.07</b>

**RF.HEN23A09**

**Center Street Storm Drain**  
**Interlocal Amount \$534,755.00**

**Original Funding Date 08/13/2009**  
**Expiration Date 12/31/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$13,870.00	\$13,870.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$499,355.00	\$470,605.62	\$28,749.38
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$21,530.00	\$21,530.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$534,755.00</b>	<b>\$506,005.62</b>	<b>\$28,749.38</b>

**RF.HEN24A11**

**Duck Creek, Sunset to Sandhill**  
**Interlocal Amount \$590,746.00**

**Original Funding Date 07/14/2011**  
**Expiration Date 12/31/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$39,006.00	\$39,006.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$324,421.00	\$285,955.88	\$38,465.12
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$161,839.00	\$154,938.25	\$6,900.75
Other	\$65,480.00	\$55,681.28	\$9,798.72
<b>Total</b>	<b>\$590,746.00</b>	<b>\$535,581.41</b>	<b>\$55,164.59</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Henderson**

**RF.HLD06A15**

**Appaloosa Storm Drain**

**Interlocal Amount \$572,605.00**

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

**Expiration Date 12/31/2017**

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	\$572,605.00	\$0.00	\$572,605.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$572,605.00</b>	<b>\$0.00</b>	<b>\$572,605.00</b>

**ENTITY: Las Vegas**

**RE.LAS14C11**

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

**Interlocal Amount \$998,510.00**

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

**Expiration Date 12/30/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$965.23	\$4,034.77
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$988,510.00	\$944,551.51	\$43,958.49
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$998,510.00</b>	<b>\$945,516.74</b>	<b>\$52,993.26</b>

**RE.LAS16J09**

**Rancho System - Beltway to Elkhorn**

**Interlocal Amount \$962,076.00**

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

**Expiration Date 06/30/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$1,000.00	\$200.00	\$800.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$960,076.00	\$927,045.27	\$33,030.73
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$1,000.00	\$0.00	\$1,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$962,076.00</b>	<b>\$927,245.27</b>	<b>\$34,830.73</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Las Vegas**

**RFLAS16L11**

**Rancho Road System - Elkhorn, Ft Apache to Grand Canyon**  
**Interlocal Amount \$400,000.00**

**Original Funding Date 07/14/2011**  
**Expiration Date 12/30/2017**

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	\$390,000.00	\$380,669.38	\$9,330.62
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$400,000.00</b>	<b>\$380,669.38</b>	<b>\$19,330.62</b>

**RFLAS16N13**

**Rancho System - Beltway to Elkhorn Road**  
**Interlocal Amount \$9,535,541.00**

**Original Funding Date 07/11/2013**  
**Expiration Date 06/30/2017**

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	\$8,542,522.00	\$7,710,057.07	\$832,464.93
Const Engineering	\$993,019.00	\$949,567.04	\$43,451.96
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$9,535,541.00</b>	<b>\$8,659,624.11</b>	<b>\$875,916.89</b>

**RFLAS16O13**

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

**Original Funding Date 12/12/2013**  
**Expiration Date 01/01/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,204,100.00	\$1,983,736.02	\$220,363.98
Const Engineering	\$154,300.00	\$139,869.94	\$14,430.06
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,358,400.00</b>	<b>\$2,123,605.96</b>	<b>\$234,794.04</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Las Vegas**

**RFLAS16P15**

**Rancho Road System - Elkhorn, Grand Canyon to Hualapai**  
**Interlocal Amount \$554,000.00**

**Original Funding Date 07/09/2015**  
**Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$550,000.00	\$6,105.52	\$543,894.48
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$554,000.00</b>	<b>\$6,105.52</b>	<b>\$547,894.48</b>

**RFLAS22R12**

**LVW-Grand Teton, Mountain Spa to Durango Drive**  
**Interlocal Amount \$13,308,300.00**

**Original Funding Date 08/09/2012**  
**Expiration Date 12/31/2016**

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	\$12,270,300.00	\$11,220,216.51	\$1,050,083.49
Const Engineering	\$1,038,000.00	\$1,038,000.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$13,308,300.00</b>	<b>\$12,258,216.51</b>	<b>\$1,050,083.49</b>

**RFLAS22S13**

**Brent Drainage System-Floyd Lamb Park to Durango Drive**  
**Interlocal Amount \$533,365.00**

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$1,000.00	\$0.00	\$1,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$530,365.00	\$355,525.50	\$174,839.50
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$533,365.00</b>	<b>\$355,525.50</b>	<b>\$177,839.50</b>

## Current Project Expense Summary

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

**ENTITY: Las Vegas**

**RFLAS22T15**

**Brent Drainage System - Floyd Lamb Park to Durango Drive**  
**Interlocal Amount \$3,750,700.00**

**Original Funding Date 08/13/2015**  
**Expiration Date 12/31/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,505,300.00	\$0.00	\$3,505,300.00
Const Engineering	\$245,400.00	\$0.00	\$245,400.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,750,700.00</b>	<b>\$0.00</b>	<b>\$3,750,700.00</b>

**RFLAS23E13**

**Centennial Pkwy Channel West-CC 215, Pioneer Way to US95**  
**Interlocal Amount \$1,070,687.00**

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$604.38	\$1,395.62
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,063,687.00	\$793,499.69	\$270,187.31
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,070,687.00</b>	<b>\$794,104.07</b>	<b>\$276,582.93</b>

**RFLAS23F14**

**Centennial Parkway Channel West-CC215, Pioneer Way to US95**  
**Interlocal Amount \$13,900,000.00**

**Original Funding Date 11/13/2014**  
**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$12,800,000.00	\$6,681,150.50	\$6,118,849.50
Const Engineering	\$1,100,000.00	\$47,764.85	\$1,052,235.15
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$13,900,000.00</b>	<b>\$6,728,915.35</b>	<b>\$7,171,084.65</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Las Vegas**

**RFLAS23G15**

Centennial Parkway Channel West-US95, CC215 to Durango  
Interlocal Amount \$1,261,471.00

Original Funding Date 07/09/2015  
Expiration Date 06/30/2019

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$4,000.00	\$0.00	\$4,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,253,471.00	\$265,818.56	\$987,652.44
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$4,000.00	\$0.00	\$4,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,261,471.00</b>	<b>\$265,818.56</b>	<b>\$995,652.44</b>

**RFLAS23H15**

Centennial Parkway Channel West-US95, Durango to Grand Teton  
Interlocal Amount \$985,231.00

Original Funding Date 07/09/2015  
Expiration Date 06/30/2019

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$981,231.00	\$61,461.86	\$919,769.14
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$985,231.00</b>	<b>\$61,461.86</b>	<b>\$923,769.14</b>

**RFLAS24E07**

Gowan Outfall - Lone Mountain Branch (Rancho Drive to Decatur Boulevard)  
Interlocal Amount \$1,614,000.00

Original Funding Date 07/12/2007  
Expiration Date 06/30/2017

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$17,000.00	\$16,933.80	\$66.20
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,547,000.00	\$1,546,701.01	\$298.99
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$50,000.00	\$19,100.90	\$30,899.10
<b>Total</b>	<b>\$1,614,000.00</b>	<b>\$1,582,735.71</b>	<b>\$31,264.29</b>



# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Las Vegas**

**REFLAS24H13**

Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd  
Interlocal Amount \$992,000.00

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$30,000.00	\$6,200.00	\$23,800.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$960,000.00	\$495,925.18	\$464,074.82
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$992,000.00</b>	<b>\$502,125.18</b>	<b>\$489,874.82</b>

**REFLAS24I15**

Gowan Box Canyon - Lone Mountain Road  
Interlocal Amount \$704,000.00

Original Funding Date 07/09/2015  
Expiration Date 06/30/2019

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$700,000.00	\$39,650.59	\$660,349.41
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$704,000.00</b>	<b>\$39,650.59</b>	<b>\$664,349.41</b>

**REFLAS24J15**

Gowan North - El Capitan Branch, Lone Mountain to Ann Road  
Interlocal Amount \$785,478.00

Original Funding Date 07/09/2015  
Expiration Date 06/30/2019

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$781,478.00	\$140,180.55	\$641,297.45
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$785,478.00</b>	<b>\$140,180.55</b>	<b>\$645,297.45</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Las Vegas**

**REF.LAS25B13**

**Cedar Avenue Channel Improvements**

**Interlocal Amount \$831,489.00**

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

**Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$827,489.00	\$568,555.21	\$258,933.79
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$2,000.00	\$0.00	\$2,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$831,489.00</b>	<b>\$568,555.21</b>	<b>\$262,933.79</b>

**REF.LAS28C12**

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

**Interlocal Amount \$110,000.00**

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

**Expiration Date 06/30/2017**

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	\$60,431.95	\$49,568.05
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$110,000.00</b>	<b>\$60,431.95</b>	<b>\$49,568.05</b>

**REF.LAS29B15**

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

**Interlocal Amount \$1,226,003.00**

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

**Expiration Date 12/31/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$4,000.00	\$0.00	\$4,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,218,003.00	\$373,097.54	\$844,905.46
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$4,000.00	\$0.00	\$4,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,226,003.00</b>	<b>\$373,097.54</b>	<b>\$852,905.46</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Las Vegas**

**RF.LAS29C16**

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

**Interlocal Amount \$1,215,549.00**

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

**Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$0.00	\$5,000.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,205,549.00	\$0.00	\$1,205,549.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,215,549.00</b>	<b>\$0.00</b>	<b>\$1,215,549.00</b>

**RF.LAS30A13**

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

**Interlocal Amount \$711,938.00**

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

**Expiration Date 06/30/2019**

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

**RF.LLD08A11**

**Lexington Street Storm Drain**

**Interlocal Amount \$1,000,000.00**

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

**Expiration Date 06/30/2017**

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	\$1,000,000.00	\$900,056.60	\$99,943.40
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,000,000.00</b>	<b>\$900,056.60</b>	<b>\$99,943.40</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: Las Vegas**

**RF.LLD10B13**

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

**Original Funding Date 07/11/2013**  
**Expiration Date 12/30/2017**

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

**ENTITY: Mesquite**

**RF.MES04A15**

**Virgin River Flood Wall**  
**Interlocal Amount \$517,000.00**

**Original Funding Date 11/12/2015**  
**Expiration Date 07/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$2,000.00	\$0.00	\$2,000.00
Pre-Design	\$208,278.00	\$77,492.94	\$130,785.06
Design	\$291,722.00	\$0.00	\$291,722.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$15,000.00	\$0.00	\$15,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$517,000.00</b>	<b>\$77,492.94</b>	<b>\$439,507.06</b>

## Current Project Expense Summary

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

**ENTITY: North Las Vegas**

**RF.NLD14A15**

**Oak Island Drive Storm Drain  
Interlocal Amount \$497,750.00**

**Original Funding Date 07/09/2015  
Expiration Date 12/31/2020**

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

**RF.NLV01G11**

**Ann Road Channel East, ULVW to Fifth Street  
Interlocal Amount \$1,063,556.00**

**Original Funding Date 08/11/2011  
Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$378,556.00	\$316,746.84	\$61,809.16
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$650,000.00	\$638,358.75	\$11,641.25
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Other	\$25,000.00	\$0.00	\$25,000.00
<b>Total</b>	<b>\$1,063,556.00</b>	<b>\$955,105.59</b>	<b>\$108,450.41</b>

**RF.NLV01H13**

**Las Vegas Wash - "N" Channel, Cheyenne to Gowan  
Interlocal Amount \$317,990.00**

**Original Funding Date 10/10/2013  
Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$38,500.00	\$34,533.51	\$3,966.49
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$244,880.00	\$219,446.18	\$25,433.82
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$23,030.00	\$22,583.97	\$446.03
Other	\$11,580.00	\$11,580.00	\$0.00
<b>Total</b>	<b>\$317,990.00</b>	<b>\$288,143.66</b>	<b>\$29,846.34</b>

## Current Project Expense Summary

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

**ENTITY: North Las Vegas**

**RF.NLV01J15**

Las Vegas Wash - "N" Channel, Cheyenne to Gowan  
Interlocal Amount \$3,158,000.00

Original Funding Date 08/13/2015  
Expiration Date 06/30/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,833,000.00	\$2,582,006.50	\$250,993.50
Const Engineering	\$325,000.00	\$211,245.13	\$113,754.87
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,158,000.00</b>	<b>\$2,793,251.63</b>	<b>\$364,748.37</b>

**RF.NLV03E13**

Hollywood System, Dunes South DB to Centennial Parkway  
Interlocal Amount \$2,706,972.00

Original Funding Date 10/10/2013  
Expiration Date 12/31/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$1,116,972.00	\$28,008.53	\$1,088,963.47
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,580,000.00	\$807,842.40	\$772,157.60
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,706,972.00</b>	<b>\$835,850.93</b>	<b>\$1,871,121.07</b>

**RF.NLV04F07**

Simmons Street Drainage Improvements - Carey to Craig  
Interlocal Amount \$2,323,263.00

Original Funding Date 04/12/2007  
Expiration Date 12/31/2017

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$1,240,000.00	\$1,040,853.16	\$199,146.84
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,033,263.00	\$1,030,818.29	\$2,444.71
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$50,000.00	\$31,890.00	\$18,110.00
<b>Total</b>	<b>\$2,323,263.00</b>	<b>\$2,103,561.45</b>	<b>\$219,701.55</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: North Las Vegas**

**RF.NLV09E11**

**Vandenberg North Detention Basin & Outfall**

**Interlocal Amount \$1,268,000.00**

**Original Funding Date 04/14/2011**

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$30,000.00	\$24,360.88	\$5,639.12
Pre-Design	\$133,000.00	\$123,326.23	\$9,673.77
Design	\$1,100,000.00	\$199,810.78	\$900,189.22
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$5,000.00	\$0.00	\$5,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,268,000.00</b>	<b>\$347,497.89</b>	<b>\$920,502.11</b>

**RF.NLV09G13**

**Centennial Collector**

**Interlocal Amount \$556,143.00**

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

**Expiration Date 06/30/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$100,000.00	\$4,621.07	\$95,378.93
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$446,143.00	\$45,465.67	\$400,677.33
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$556,143.00</b>	<b>\$50,086.74</b>	<b>\$506,056.26</b>

**RF.NLV09I13**

**Beltway Detention Basin and Channel**

**Interlocal Amount \$1,034,000.00**

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

**Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$100,000.00	\$21,880.56	\$78,119.44
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$924,000.00	\$331,523.52	\$592,476.48
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$1,185.69	\$8,814.31
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,034,000.00</b>	<b>\$354,589.77</b>	<b>\$679,410.23</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: North Las Vegas**

**RF.NLV17C16**

**Fifth Street Collector, Centennial Pkwy to Deer Springs Way**

**Interlocal Amount \$726,079.00**

**Original Funding Date 11/10/2016**

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$409,088.00	\$0.00	\$409,088.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$306,991.00	\$0.00	\$306,991.00
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$10,000.00	\$0.00	\$10,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$726,079.00</b>	<b>\$0.00</b>	<b>\$726,079.00</b>

**RF.NLV18A07**

**Colton Channel**

**Interlocal Amount \$1,214,634.00**

**Original Funding Date 09/13/2007**

**Expiration Date 12/31/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$20,000.00	\$448.14	\$19,551.86
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$1,154,634.00	\$1,143,393.38	\$11,240.62
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$25,000.00	\$22,956.25	\$2,043.75
Other	\$15,000.00	\$8,250.00	\$6,750.00
<b>Total</b>	<b>\$1,214,634.00</b>	<b>\$1,175,047.77</b>	<b>\$39,586.23</b>

**RF.NLV18B07**

**Brooks Channel**

**Interlocal Amount \$677,749.00**

**Original Funding Date 09/13/2007**

**Expiration Date 06/30/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$85,000.00	\$9,616.85	\$75,383.15
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$545,839.00	\$544,519.69	\$1,319.31
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$36,910.00	\$24,752.87	\$12,157.13
Other	\$10,000.00	\$0.00	\$10,000.00
<b>Total</b>	<b>\$677,749.00</b>	<b>\$578,889.41</b>	<b>\$98,859.59</b>



# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

**ENTITY: North Las Vegas**

**RF.NLV18F13**

**Central Freeway Channel At Cheyenne**  
**Interlocal Amount \$772,549.00**

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$5,000.00	\$270.36	\$4,729.64
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$767,549.00	\$496,195.48	\$271,353.52
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$772,549.00</b>	<b>\$496,465.84</b>	<b>\$276,083.16</b>

**RF.NLV18H14**

**Brooks Channel**  
**Interlocal Amount \$5,751,000.00**

**Original Funding Date 09/11/2014**  
**Expiration Date 06/30/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$5,165,000.00	\$4,465,399.37	\$699,600.63
Const Engineering	\$586,000.00	\$214,589.34	\$371,410.66
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,751,000.00</b>	<b>\$4,679,988.71</b>	<b>\$1,071,011.29</b>

**RF.NLV18I16**

**Central Freeway Channel at Cheyenne**  
**Interlocal Amount \$11,300,000.00**

**Original Funding Date 12/08/2016**  
**Expiration Date 12/31/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$10,690,000.00	\$0.00	\$10,690,000.00
Const Engineering	\$610,000.00	\$0.00	\$610,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$11,300,000.00</b>	<b>\$0.00</b>	<b>\$11,300,000.00</b>

# Current Project Expense Summary

## PAY-AS-YOU-GO FUNDED PROJECTS

### Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,094,815.25	\$40,096,822.13	\$3,997,993.12
Pre-Design	\$341,278.00	\$200,819.17	\$140,458.83
Design	\$46,077,615.22	\$28,941,144.51	\$17,136,470.71
Construction	\$82,671,399.51	\$44,336,385.27	\$38,335,014.24
Const Engineering	\$7,261,244.00	\$3,021,211.82	\$4,240,032.18
Environmental	\$2,508,815.57	\$1,853,399.69	\$655,415.88
Other	\$10,663,608.96	\$10,208,178.82	\$455,430.14
Total	\$193,618,776.51	\$128,657,961.41	\$64,960,815.10
Construction Projects = 19      Design / Other Projects = 58			

## Current Project Expense Summary

### BOND FUNDED PROJECTS

**ENTITY: Clark County**

**RF.CLA04W16**

**Flamingo Wash, Eastern Avenue**

**Interlocal Amount \$1,420,000.00**

**Original Funding Date 05/19/2016**

**Expiration Date 06/30/2021**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$1,300,000.00	\$0.00	\$1,300,000.00
Const Engineering	\$120,000.00	\$0.00	\$120,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,420,000.00</b>	<b>\$0.00</b>	<b>\$1,420,000.00</b>

**RF.CLA08T14**

**Duck Creek, Las Vegas Boulevard**

**Interlocal Amount \$7,400,000.00**

**Original Funding Date 09/11/2014**

**Expiration Date 06/30/2019**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$6,800,000.00	\$0.00	\$6,800,000.00
Const Engineering	\$600,000.00	\$0.00	\$600,000.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,400,000.00</b>	<b>\$0.00</b>	<b>\$7,400,000.00</b>

**RF.CLA15E13**

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

**Interlocal Amount \$82,884,000.00**

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

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$74,952,000.00	\$62,585,024.02	\$12,366,975.98
Const Engineering	\$7,932,000.00	\$5,080,825.68	\$2,851,174.32
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$82,884,000.00</b>	<b>\$67,665,849.70</b>	<b>\$15,218,150.30</b>

# Current Project Expense Summary

## BOND FUNDED PROJECTS

**ENTITY: Clark County**

**RF.CLA15F16**

Las Vegas Wash - Water Reclamation Channel

Interlocal Amount \$3,400,000.00

Original Funding Date 05/19/2016

Expiration Date 06/30/2021

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$3,400,000.00	\$0.00	\$3,400,000.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$3,400,000.00</b>	<b>\$0.00</b>	<b>\$3,400,000.00</b>

**RF.CLA27D13**

Flamingo Diversion - Rainbow Branch

Interlocal Amount \$10,570,000.00

Original Funding Date 04/11/2013

Expiration Date 06/30/2018

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$9,665,000.00	\$5,316,275.95	\$4,348,724.05
Const Engineering	\$905,000.00	\$669,763.12	\$235,236.88
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$10,570,000.00</b>	<b>\$5,986,039.07</b>	<b>\$4,583,960.93</b>

**ENTITY: Henderson**

**RF.HEN05G16**

Horizon Ridge Detention Basin

Interlocal Amount \$8,294,400.00

Original Funding Date 04/14/2016

Expiration Date 06/30/2017

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	\$7,680,000.00	\$0.00	\$7,680,000.00
Const Engineering	\$614,400.00	\$0.00	\$614,400.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$8,294,400.00</b>	<b>\$0.00</b>	<b>\$8,294,400.00</b>

# Current Project Expense Summary

## BOND FUNDED PROJECTS

**ENTITY: Henderson**

**RF.HEN06J13**

**Equestrian Detention Basin Expansion**

**Interlocal Amount \$1,098,200.00**

**Original Funding Date 04/11/2013**

**Expiration Date 06/30/2017**

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	\$1,012,000.00	\$968,496.37	\$43,503.63
Const Engineering	\$86,200.00	\$57,268.15	\$28,931.85
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$1,098,200.00</b>	<b>\$1,025,764.52</b>	<b>\$72,435.48</b>

**RF.HEN12J16**

**Palm Hills Channel**

**Interlocal Amount \$2,830,880.00**

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

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$2,598,738.00	\$136,548.29	\$2,462,189.71
Const Engineering	\$232,142.00	\$2,026.01	\$230,115.99
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,830,880.00</b>	<b>\$138,574.30</b>	<b>\$2,692,305.70</b>

**RF.HEN23B16**

**Center Street Storm Drain**

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

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

**Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$9,010,586.25	\$0.00	\$9,010,586.25
Const Engineering	\$720,848.90	\$0.00	\$720,848.90
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$9,731,435.15</b>	<b>\$0.00</b>	<b>\$9,731,435.15</b>

# Current Project Expense Summary

## BOND FUNDED PROJECTS

**ENTITY: Las Vegas**

**RFLAS05E03**

**Oakey - Meadows Storm Drain**  
**Interlocal Amount \$5,470,354.00**

**Original Funding Date 08/14/2003**  
**Expiration Date 06/30/2017**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$50,000.00	\$20,302.54	\$29,697.46
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$5,320,354.00	\$5,193,511.06	\$126,842.94
Construction	\$0.00	\$0.00	\$0.00
Const Engineering	\$0.00	\$0.00	\$0.00
Environmental	\$0.00	\$0.00	\$0.00
Other	\$100,000.00	\$8,071.80	\$91,928.20
<b>Total</b>	<b>\$5,470,354.00</b>	<b>\$5,221,885.40</b>	<b>\$248,468.60</b>

**RFLAS05K15**

**Oakey-Meadows Storm Drain, Phase III**  
**Interlocal Amount \$24,961,221.00**

**Original Funding Date 02/12/2015**  
**Expiration Date 06/30/2017**

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	\$23,811,221.00	\$23,779,857.34	\$31,363.66
Const Engineering	\$1,150,000.00	\$485,041.78	\$664,958.22
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$24,961,221.00</b>	<b>\$24,264,899.12</b>	<b>\$696,321.88</b>

**RFLAS14D14**

**Freeway Channel-Washington, MLK to Rancho Drive**  
**Interlocal Amount \$10,755,343.00**

**Original Funding Date 02/13/2014**  
**Expiration Date 06/30/2017**

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	\$10,050,343.00	\$0.00	\$10,050,343.00
Const Engineering	\$705,000.00	\$43,700.84	\$661,299.16
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$10,755,343.00</b>	<b>\$43,700.84</b>	<b>\$10,711,642.16</b>

# Current Project Expense Summary

## BOND FUNDED PROJECTS

**ENTITY: North Las Vegas**

**RF.NLV01114**

**Ann Road Channel East, ULVW to Fifth Street  
Interlocal Amount \$5,838,100.00**

**Original Funding Date 03/13/2014  
Expiration Date 06/30/2018**

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$5,258,100.00	\$2,768,685.56	\$2,489,414.44
Const Engineering	\$580,000.00	\$117,752.05	\$462,247.95
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$5,838,100.00</b>	<b>\$2,886,437.61</b>	<b>\$2,951,662.39</b>

**RF.NLV04J14**

**Simmons Street Drainage Impvments-Alexander to Gowan Outfall  
Interlocal Amount \$16,066,600.00**

**Original Funding Date 02/13/2014  
Expiration Date 06/30/2017**

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	\$14,573,600.00	\$13,533,267.18	\$1,040,332.82
Const Engineering	\$1,493,000.00	\$1,329,434.25	\$163,565.75
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$16,066,600.00</b>	<b>\$14,862,701.43</b>	<b>\$1,203,898.57</b>

**RF.NLV09H14**

**Centennial Collector  
Interlocal Amount \$2,933,250.00**

**Original Funding Date 02/13/2014  
Expiration Date 06/30/2017**

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	\$2,548,050.00	\$2,242,877.36	\$305,172.64
Const Engineering	\$385,200.00	\$14,045.56	\$371,154.44
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$2,933,250.00</b>	<b>\$2,256,922.92</b>	<b>\$676,327.08</b>

# Current Project Expense Summary

## BOND FUNDED PROJECTS

ENTITY: North Las Vegas

RF.NLV18G14

Colton Avenue Flood Control Improvements

Interlocal Amount \$7,535,000.00

Original Funding Date 05/15/2014

Expiration Date 07/30/2017

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$0.00	\$0.00	\$0.00
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$0.00	\$0.00	\$0.00
Construction	\$6,850,000.00	\$6,460,435.00	\$389,565.00
Const Engineering	\$685,000.00	\$351,483.64	\$333,516.36
Environmental	\$0.00	\$0.00	\$0.00
Other	\$0.00	\$0.00	\$0.00
<b>Total</b>	<b>\$7,535,000.00</b>	<b>\$6,811,918.64</b>	<b>\$723,081.36</b>

## Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$50,000.00	\$20,302.54	\$29,697.46
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$5,320,354.00	\$5,193,511.06	\$126,842.94
Construction	\$179,509,638.25	\$117,791,467.07	\$61,718,171.18
Const Engineering	\$16,208,790.90	\$8,151,341.08	\$8,057,449.82
Environmental	\$0.00	\$0.00	\$0.00
Other	\$100,000.00	\$8,071.80	\$91,928.20
<b>Total</b>	<b>\$201,188,783.15</b>	<b>\$131,164,693.55</b>	<b>\$70,024,089.60</b>
Construction Projects = 15      Design / Other Projects = 1			



# Capital Improvement Program - Open Projects Summary

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

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,144,815.25	\$40,117,124.67	\$4,027,690.58
Pre-Design	\$341,278.00	\$200,819.17	\$140,458.83
Design	\$51,397,969.22	\$34,134,655.57	\$17,263,313.65
Construction	\$262,181,037.76	\$162,128,052.34	\$100,052,985.42
Const Engineering	\$23,470,034.90	\$11,172,552.90	\$12,297,482.00
Environmental	\$2,508,815.57	\$1,853,399.69	\$655,415.88
Other	\$10,763,608.96	\$10,216,250.62	\$547,358.34
<b>Total</b>	<b>\$394,807,559.66</b>	<b>\$259,822,854.96</b>	<b>\$134,984,704.70</b>
Construction Projects = 34      Design / Other Projects = 59			

## Pay-As-You-Go Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$44,094,815.25	\$40,096,822.13	\$3,997,993.12
Pre-Design	\$341,278.00	\$200,819.17	\$140,458.83
Design	\$46,077,615.22	\$28,941,144.51	\$17,136,470.71
Construction	\$82,671,399.51	\$44,336,385.27	\$38,335,014.24
Const Engineering	\$7,261,244.00	\$3,021,211.82	\$4,240,032.18
Environmental	\$2,508,815.57	\$1,853,399.69	\$655,415.88
Other	\$10,663,608.96	\$10,208,178.82	\$455,430.14
<b>Total</b>	<b>\$193,618,776.51</b>	<b>\$128,657,961.41</b>	<b>\$64,960,815.10</b>
Construction Projects = 19      Design / Other Projects = 58			

## Bond Totals

Category	ILC Funding Allocation	Amount Spent	Total Remaining
Right of Way	\$50,000.00	\$20,302.54	\$29,697.46
Pre-Design	\$0.00	\$0.00	\$0.00
Design	\$5,320,354.00	\$5,193,511.06	\$126,842.94
Construction	\$179,509,638.25	\$117,791,467.07	\$61,718,171.18
Const Engineering	\$16,208,790.90	\$8,151,341.08	\$8,057,449.82
Environmental	\$0.00	\$0.00	\$0.00
Other	\$100,000.00	\$8,071.80	\$91,928.20
<b>Total</b>	<b>\$201,188,783.15</b>	<b>\$131,164,693.55</b>	<b>\$70,024,089.60</b>
Construction Projects = 15      Design / Other Projects = 1			

# 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
BOU02A88	Georgia Avenue Channel	Closed	613,590.23
BOU03A88	Buchanan Blvd. Channel	Closed	412,719.91
BOU03B98	Buchanan Watershed Facilities	Closed	420,240.41
BOU03C10	Buchanan Blvd., Phase III Improvements	Closed	344,263.01
BOU03D11	Buchanan Blvd., Phase III Improvements	Closed	0.00
BOU03E12	Buchanan Blvd., Phase III Improvements	Closed	4,689,402.24
BOU04A96	West Airport Watershed	Closed	128,138.69
BOU04B97	West Airport Watershed Construction	Closed	1,839,686.60
BOU04C01	Hemenway Wash	Closed	101,580.75
BOU05A98	North Railroad Watershed (Industrial Road Facility)	Closed	448,873.75
BOU05B00	North Railroad Watershed, Veteran Memorial Dr Culvert	Closed	129,206.79
BOU05G07	Yucca Street Drainage	Closed	71,036.09
BOU05H07	Bootleg Canyon Detention Basin Outfall	Closed	521,408.23
BOU05J10	North Railroad Conveyance	Open	530,000.00
BOU05K11	Bootleg Canyon Detention Basin, Phase II	Closed	829,854.43
BOU05L11	North Railroad Conveyance	Closed	3,503,502.20
BOU06A99	Ville Drive Flood Control Facilities	Closed	144,261.08
BOU06B01	Ville Drive Flood Control Facilities	Closed	747,314.67
			<b>\$20,869,079.08</b>

## Clark County

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA01A87	Upper Flamingo Wash Detention Basin & Outfall	Closed	6,932,932.63
CLA01B04	F4 Patrick Lane/Ft Apache Road Lateral	Open	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
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

# Regional Flood Control District

## Capital Improvement Projects - Cumulative Reporting

### Pay-As-You-Go Funding

#### Clark County

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA04U10	Flamingo-Boulder Highway North, Sahara Ave to Flamingo Wash	Closed	10,933,404.28
CLA04V10	Flamingo Wash, Nellis Boulevard to I-515	Closed	11,132,175.16
CLA05A91	Duck Creek Bridges @ Tomiyasu & La Casita	Closed	814,243.47
CLA06A91	Range Wash Confluence Detention Basin Facilities	Closed	479,952.25
CLA07A92	Sloan Channel (Las Vegas Wash to Owens)	Closed	4,820,788.11
CLA07B01	Sloan Channel, Las Vegas Wash to Charleston	Closed	340,747.81
CLA08A92	Lower Duck Creek Detention Basin Predesign	Closed	807,918.53
CLA08B93	Lower Duck Creek DB ROW	Closed	5,921,794.42
CLA08C98	Lower Duck Creek Detention Basin & Outfall Channel	Closed	(11,828.26)
CLA08D01	Duck Creek, Lower Detention Basin to I-15	Closed	9,691,844.67
CLA08F03	Duck Creek, Lower Detention Basin to Silverado Ranch Blvd	Closed	3,717,281.04
CLA08H05	Duck Creek, Railroad Detention Basin	Closed	673,683.44
CLA08K07	Duck Creek Channel, Silverado Ranch Blvd to Las Vegas Blvd	Closed	8,698,135.53
CLA08M08	Duck Creek, Railroad Detention Basin	Closed	13,302,732.94
CLA08Q13	Duck Creek at Dean Martin	Open	480,000.00
CLA08R13	Duck Creek, Las Vegas Boulevard	Open	485,000.00
CLA08S13	Silverado Ranch Detention Basin and Outfall Facilities	Open	1,370,000.00
CLA08W16	Duck Creek at Dean Martin	Open	3,787,357.00
CLA09A97	Durango Collector (Hacienda to Twain)	Closed	366,253.18
CLA09B99	Durango Collector (Twain to Hacienda)	Closed	100,005.00
CLA09C06	Durango Collector (Twain to Hacienda)	Closed	1,126.53
CLA10A97	Tropicana Wash (Paradise Road to Koval Lane)	Closed	228,665.56
CLA10D07	Tropicana Wash at Swenson Street	Closed	1,253,646.20
CLA10F10	Flamingo Wash, Industrial Road to Hotel Rio Drive	Open	46,000.00
CLA10G12	Tropicana Wash at Swenson Street	Closed	7,083,798.07
CLA10H13	Airport Channel - Naples	Open	600,000.00
CLA12A97	Desert Inn Detention Basin & Collection System	Closed	346,843.68
CLA12B98	Desert Inn Detention Basin & Collection System/DI Lateral	Closed	43,197.00
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	689.01
CLA13A97	Lakes Detention Basin, Collection System, & Outfall	Closed	531,803.87
CLA13B98	Lakes Detention Basin Collection System & Outfall	Closed	788,631.74
CLA13C98	Lakes DB Collection System	Closed	783,619.03
CLA14A97	Duck Creek (Hollywood to Stephanie Street)	Closed	138,962.97
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephaine St)--ROWA	Closed	375,552.00
CLA14C99	Duck Creek, Sunset Road to Eastern Ave	Closed	560,650.99
CLA14D99	Duck Creek, Hollywood Blvd to Stephanie Street	Closed	1,651,449.79
CLA14E99	Duck Creek, Stephanie St to Green Valley PKWY	Closed	321,054.87
CLA14F00	Duck Creek, Emerald Avenue to Stephanie St	Closed	5,987,176.80
CLA14G00	Duck Creek at Robindale Road	Closed	1,066,974.02
CLA14H00	Duck Creek, Tomiyasu Lane to Topaz St	Closed	3,548,160.77
CLA14I02	Duck Creek, US 95 Branch	Closed	1,107,637.45
CLA14L02	Duck Creek, Phase II and Lower Pittman	Closed	13,651,024.74
CLA14R04	Duck Creek, Mountain Vista Street to Green Valley PKWY	Closed	707,824.31
CLA14S07	Duck Creek, Eldorado Lane to Spencer Street	Closed	6,139,169.42
CLA14U09	Duck Creek, Robindale to I-215	Closed	23,516.83
CLA14V10	Duck Creek, Mtn. Vista to Green Valley Parkway	Closed	8,976,052.51
CLA15B99	Colorado Avenue Storm Drain System	Closed	(41,517.92)
CLA15C09	Las Vegas Wash, Sloan Lane to Stewart Ave	Closed	193,555.23
CLA15D12	LVW Sloan-Bonanza, Flam W below Nellis	Open	5,622,000.00
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

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

## Clark County

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA16F04	Lower Blue Diamond Detention Basin Collector Channel	Closed	8,060,995.11
CLA16G05	Blue Diamond Wash Wigwam, UPRR to Jones Boulevard	Closed	535,000.00
CLA16H06	Blue Dia Wash S Rainbow, Pebble - Raven & Wigwam - Ford	Closed	2,444,155.20
CLA16I07	Lower Blue Diamond Detention Basin Outfall	Closed	1,694,368.59
CLA16J07	Blue Diamond Wash Wigwam, Jones Blvd to Rainbow	Closed	357,603.89
CLA16K07	Upper Duck Creek Detention Basin	Closed	3,000,000.00
CLA17E04	Blue Diamond Channel, Rainbow Branch	Closed	1,495,409.16
CLA19A99	Red Rock Channel, Naples Branch	Closed	1,333,173.93
CLA19C02	Red Rock Channel, Naples Branch - Flamingo Connector	Closed	674,561.31
CLA20A99	Washington Collection System	Closed	69,701.68
CLA20B00	Washington Collection System	Closed	680,964.62
CLA21A00	Orchard Detention Basin	Open	1,674,700.00
CLA21B12	Orchard Detention Basin	Closed	4,929,886.35
CLA22A00	Flamingo Diversion - Jones Branch	Closed	100,001.71
CLA22B03	Flamingo Diversion - Jones Branch	Closed	1,100,000.00
CLA26C08	Flam Div - South Buffalo Branch, Flamingo Wash to Patrick Lane	Closed	776,336.79
CLA27C08	Flamingo Diversion - Rainbow Branch	Open	1,030,000.00
CLA35A11	Tropicana Avenue Conveyance, LVW to Mtn. Vista	Closed	249,789.19
CLD02A11	Annie Oakley Drive at Rawhide Channel Storm Drain	Closed	84,203.00
CLD04A08	Twain at Pecos-McLeod Storm Drain	Closed	442,521.57
CLD07A07	Sunrise Area Storm Drain	Closed	914,982.31
CLD07B08	Carey Avenue Storm Drain	Closed	1,351,525.62
CLD07C10	Sunrise Ave. Storm Drain, Fogg St. to Clayton St.	Closed	154,935.40
CLD07D12	Toiyabe Street Storm Drain	Closed	0.00
CLD14A10	Tunis Ave and Karvel Street Storm Drain	Closed	189,391.53
CLD15A09	Olive Street Storm Drain, US-95 to Palm Street	Closed	800,286.13
CLD17A09	Las Vegas Blvd/Serene Ave Storm Drain	Closed	133,338.79
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>\$230,784,121.20</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	53,400.00
IND01A98	Indian Springs Flood Control Improvements	Closed	579,193.24
LAU01A89	Unnamed Wash, Laughlin	Closed	349,995.99
LAU02A89	Hiko Springs, Laughlin	Closed	369,974.40
LAU02B92	Hiko Springs, Laughlin, Remap	Closed	8,000.00
LAU03A96	Hiko Springs Outfall Channel	Closed	7,771,291.25
LAU04A08	SR 163 at Casino Drive	Open	473,500.00
MOA01A89	Cooper Ave. Crossing - Moapa Valley	Closed	185,000.00
MOA01B89	Muddy River West Levee, Moapa Valley	Open	13,501,000.00
MOA01C06	Muddy River, Gubler Avenue Bridge	Closed	745,638.67
MOA01D07	Muddy River, Gubler Avenue Bridge	Closed	5,319,472.98
MOA01E08	Muddy River & Trib - Cooper Ave to Yamashita St	Closed	966,120.32

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

## Clark County Outlying

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
MOA01F10	Muddy River Logandale Levee	Open	1,753,000.00
MOA01G11	Muddy River, Cooper Street Bridge	Closed	15,793,908.74
MOA01H15	Muddy River Logandale Levee	Open	7,200,000.00
MOA02A89	Logan Wash (aka Benson), Moapa Valley	Closed	235,040.74
MOA02B92	Logan Wash Construction	Closed	3,510,528.60
MOA03A11	Fairgrounds Detention Basin	Open	964,000.00
NEL01A88	Nelson Flood Control Improvements	Closed	2,961.95
SEA01A88	Searchlight Flood Control Improvements	Closed	861,099.97
SEA01B99	Searchlight Flood Control Improvements	Closed	5,500.00
SEA02A07	Searchlight - West, US-95	Closed	162,000.00
SEA03A09	Searchlight - South, Encinitas St Storm Drain	Open	138,000.00
			<b>\$71,292,369.94</b>

## COE/Clark County

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

## Henderson

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01A87	Pittman Wash Channel Design (Phases I, II, III)	Closed	533,554.14
HEN01B87	Warm Springs & Stephanie Street Bridges	Closed	1,660,108.81
HEN01C90	Pittman Wash Channel - Phase I Construction	Closed	2,744,110.10
HEN01F00	Pittman Wash Lower Reach	Closed	324,343.79
HEN01H09	Pittman Wash, Duck Creek at I-515	Open	402,705.00
HEN01I14	Pittman Wash, Duck Creek at I-515	Open	2,489,875.00
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	Open	247,099.00
HEN04Q15	Racetrack Channel, Drake to Burkholder	Open	1,037,650.00
HEN05A92	Sunset D B, Collection Sys, & Outfall (Pioneer DB)	Closed	3,749,294.23
HEN05C01	Pioneer Detention Basin	Closed	4,323,566.57
HEN05D09	Pioneer Detention Basin Expansion and Inflow	Closed	325,840.81
HEN05E09	Pittman, Horizon Ridge Detention Basin	Open	727,285.00
HEN06A93	Equestrian Drive Detention Basin	Closed	388,624.49
HEN06B95	Equestrian Detention Basin	Closed	6,128,895.08
HEN06C02	Equestrian Detention Basin Outfall	Closed	681,288.27
HEN06D05	C-1 Equestrian Tributary	Closed	227,591.57
HEN06F08	C-1 Equestrian Tributary	Open	2,743,039.51
HEN06G08	Equestrian Detention Basin Outfall - Heritage Channel	Closed	4,200,444.03

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

## Henderson

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN06H09	Equestrian Detention Basin Expansion	Open	346,797.00
HEN06IO9	Equestrian Tributary Phase II	Closed	405,636.14
HEN07A96	Pittman Park Detention Basin	Closed	1,546,249.59
HEN07B09	Pittman Wash, UPRR to Santiago	Closed	843,016.21
HEN07D09	Whitney Wash Channel	Closed	130,264.67
HEN07E11	Pittman Wash, UPRR to Santiago	Closed	8,796,470.83
HEN08A96	Railroad East Detention Basin	Closed	6,416,341.47
HEN08B08	Pittman Railroad East Conveyance	Closed	444,380.89
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
HEN12IO9	Pittman, West Horizon - Palm Hills	Open	275,078.00
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	2,181,514.00
HEN16D15	Pittman North Detention Basin and Outfall, Phase I	Open	4,342,105.00
HEN16E15	Pittman North DB & Outfall, Phase II - Starr Avenue	Open	2,000,321.00
HEN19B06	Northeast Detention Basin Outfall	Closed	337,852.88
HEN19C07	Northeast Detention Basin, Levee and Outfall	Closed	13,366,601.89
HEN21A05	Pittman Railroad, MacDonald Ranch Channel	Closed	253,025.49
HEN21B08	Pittman Railroad, MacDonald Ranch Channel	Closed	2,025,749.22
HEN22A09	Anthem Pkwy Channel, Horizon Ridge to Sienna Heights	Open	179,474.00
HEN23A09	Center Street Storm Drain	Open	534,755.00
HEN24A11	Duck Creek, Sunset to Sandhill	Open	590,746.00
HEN24B13	Duck Creek, Sunset to Sandhill	Closed	3,475,829.83
HLD06A15	Appaloosa Storm Drain	Open	572,605.00
HLD15A06	Blackridge Road Storm Drain System	Closed	529,071.04
			<b>\$123,006,796.96</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

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

## Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS03D98	Gowan South Detention Basin Expansion	Closed	126,398.42
LAS03E00	Gowan South DB Expansion	Closed	2,609,639.23
LAS04A87	Oakey Boulevard System	Closed	111,106.72
LAS04B90	Oakey Bl System	Closed	631,418.63
LAS04C91	Oakey Bl System/Decatur Bl Crossing	Closed	35,000.00
LAS04E94	Oakey Conveyance Phase II	Closed	1,083,848.86
LAS05A87	Meadows Detention Basin	Closed	120,000.00
LAS05B87	Meadows Detention Basin	Closed	3,432,123.00
LAS05C00	Meadows Detention Basin Expansion (Resol 00-2)	Closed	150,000.00
LAS05D01	Meadows Detention Basin Expansion (Resol 01-3)	Closed	3,422,258.00
LAS05H08	Alta Parallel System	Closed	8,165,350.58
LAS05I08	Oakey-Meadows Storm Drain, Phase I	Closed	12,686,286.59
LAS05J10	Oakey Meadows Storm Drain-Phase II	Closed	9,822,984.14
LAS06A87	Major Conveyance System West of I-15	Closed	229,005.59
LAS06B87	Major Conveyance System East of I-15	Closed	29,022.50
LAS06C93	Freeway Channel/Sahara - Ivanhoe	Closed	670,067.29
LAS07A89	Durango Storm Drain	Closed	596,059.22
LAS08A89	Carey Ave./Lake Mead Detention & Conveyance System	Closed	6,148,651.98
LAS09A89	Washington Ave. System	Closed	313,726.91
LAS09B91	Washington Ave. System/Sandhill-Bruce	Closed	497,000.00
LAS09D92	Washington Ave./Sandhill-Virgil	Closed	1,594,925.69
LAS09F93	Washington/Sagman-LV Creek Right-of-Way	Closed	245,428.78
LAS09G94	Washington Ave. / Lena-Eastern (LOMR)	Closed	4,643,824.92
LAS09H94	Upper Washington Channel & Freeway Channel	Closed	1,206,684.74
LAS09I96	Washington/Eastern-Sagman	Closed	3,078,027.28
LAS09J97	Freeway Channel System - Alta Drive to UPRR	Closed	13,839,202.95
LAS09K97	Upper Washington Avenue - Sagman to Bonanza	Closed	4,421,963.25
LAS09L98	Freeway Channel - Alta Dr to Sahara Avenue	Closed	2,778,531.48
LAS09M98	Freeway Channel North/ Washington Avenue - Vegas Drive	Closed	257,916.45
LAS09O99	Freeway Channel - Alta Dr to Sahara Ave & Bypass Facility	Closed	(5,613.65)
LAS09P00	Freeway Channel - Alta to Sahara & Bypass Facilities (CM)	Closed	2,280,263.22
LAS09R01	Las Vegas Creek Channel - Parallel System at Decatur Blvd (Resol 01-4)	Closed	247,000.00
LAS09U05	Las Vegas Creek Channel - Parallel System	Closed	5,628,281.00
LAS09V05	Oakey Drain, Birch Street to Cahlan Drive	Closed	851,548.86
LAS09W08	Oakey Drain, Birch Street to Cahlan Drive	Closed	6,500,607.90
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-Buffero 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 Participati	Closed	1,383,723.00
LAS10R00	Gowan North - Buffalo Branch (Cheyenne Avenue to Lone Mtn Road)	Closed	2,462,085.23

# Regional Flood Control District

## Capital Improvement Projects - Cumulative Reporting

### Pay-As-You-Go Funding

#### Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
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	998,510.00
LAS15A95	Oakey Storm Drain - I-15 to Decatur Blvd	Closed	391,238.42
LAS16A98	Ann Road Channel West/ Allen Lane - Rancho Drive	Closed	657,583.31
LAS16B99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	1,198,151.00
LAS16C99	Rancho Road System/Centennial PKWY to Rancho DB	Closed	17,697.53
LAS16G07	Rancho Detention Basin, Phase II	Closed	3,953,168.82
LAS16H07	Rancho Drive System - El Campo Grande Storm Drain	Closed	4,634,244.76
LAS16I09	Ann Rd Channel West - Rainbow Blvd	Closed	475,475.33
LAS16J09	Rancho System - Beltway to Elkhorn	Open	962,076.00
LAS16L11	Rancho Road System - Elkhorn, Ft Apache to Grand Canyon	Open	400,000.00
LAS16M12	Ann Road Channel West - Rainbow Boulevard	Closed	3,474,459.19
LAS16N13	Rancho System - Beltway to Elkhorn Road	Open	9,535,541.00
LAS16O13	Rancho Rd System-Elkhorn, Fort Apache to Grand Canyon	Open	2,358,400.00
LAS16P15	Rancho Road System - Elkhorn, Grand Canyon to Hualapai	Open	554,000.00
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 I	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 - Jone	Closed	1,782,103.78
LAS19A99	Owens Avenue System: Rancho Drive to I-15	Closed	292,162.08
LAS19B01	Owens Avenue System (Rancho Drive to I-15)	Closed	4,430,278.94
LAS19D11	Vegas Dr Storm Drain - Rancho to Shadow Mountain	Closed	10,997,022.53
LAS20A00	Rancho Rd System: Durango to US-95 Interchange	Closed	448,364.70
LAS22B05	Las Vegas Wash - Jones Blvd, Elkhorn Rd to Farm Rd	Closed	92,244.72
LAS22C06	Las Vegas Wash - Elkhorn (Rainbow Blvd to Torrey Pines Drive)	Closed	274,272.89
LAS22D06	N & S Environ Enhancement Areas - Floyd Lamb Park	Closed	2,252,837.16
LAS22E06	Las Vegas Wash - Decatur Blvd (Centennial PKWY to Farm Road)	Closed	2,454,915.36
LAS22F07	Las Vegas Wash - Rainbow (Elkhorn Road to Grand Teton Drive)	Closed	951,355.17
LAS22G07	Elkhorn Springs and Buffalo Storm Drain	Closed	280,782.51
LAS22H07	Las Vegas Wash - Elkhorn Rd, Rainbow Blvd to Torrey Pines Dr	Closed	6,561,592.06
LAS22I08	Las Vegas Wash - Decatur Blvd (Elkhorn Rd to Farm Rd)	Closed	2,950,783.84
LAS22J08	Las Vegas Wash - Jones Blvd, Elkhorn to Farm	Closed	1,683,390.48
LAS22K08	LVW - Grand Teton, Mountain Spa to Durango Drive	Closed	850,522.21
LAS22L08	LVW - Grand Teton, Buffalo Drive to Durango Drive	Closed	172,513.02
LAS22R12	LVW-Grand Teton, Mountain Spa to Durango Drive	Open	13,308,300.00
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	3,750,700.00
LAS23C08	Horse Drive Interchange	Closed	5,392,419.91
LAS23D13	Centennial Parkway Channel West - US95 Crossing	Closed	1,411,812.73
LAS23E13	Centennial Pkwy Channel West-CC 215, Pioneer Way to US95	Open	1,070,687.00
LAS23F14	Centennial Parkway Channel West-CC215, Pioneer Way to US95	Open	13,900,000.00
LAS23G15	Centennial Parkway Channel West-US95, CC215 to Durango	Open	1,261,471.00



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

## Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS23H15	Centennial Parkway Channel West-US95, Durango to Grand Teton	Open	985,231.00
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 Boule	Open	1,614,000.00
LAS24H13	Gowan North-Buffalo Branch,Lone Mtn to Washburn Rd	Open	992,000.00
LAS24I15	Gowan Box Canyon - Lone Mountain Road	Open	704,000.00
LAS24J15	Gowan North - El Capitan Branch, Lone Mountain to Ann Road	Open	785,478.00
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	1,226,003.00
LAS29C16	Flamingo-Bldr Hwy, N Charleston-Maryland Pkwy System	Open	1,215,549.00
LAS30A13	Gowan-Alexander Rd., Rancho Drive to Decatur Boulevard	Open	711,938.00
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	Open	1,000,000.00
LLD09A04	Bruce Street Storm Drain	Closed	431,221.89
LLD10A05	Jay Avenue Improvements	Closed	548,443.62
LLD10B13	Buckskin Avenue Storm Drain	Open	1,200,000.00
LLD12A04	Brush Street Storm Drain	Closed	411,351.53
LLD13A02	Crystal Water Way, Lake South Dr to Desert Inn Rd	Closed	227,132.20
LLD18A02	Peak Drive, Rainbow Blvd to Torrey Pines Dr	Closed	371,781.85
LLD99A09	Gilmore Ave - Decatur Blvd to Thom Blvd Storm Drain	Closed	410,867.01
			<b>\$288,684,918.31</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
MES02A00	Abbott Wash Channel, I-15 to Virgin River	Closed	632,380.00
MES04A15	Virgin River Flood Wall	Open	517,000.00
			<b>\$2,796,646.36</b>

## North Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLD14A15	Oak Island Drive Storm Drain	Open	497,750.00
NLV01A87	Las Vegas Wash/I-15 to Pecos (Facility Study)	Closed	304,000.00
NLV01B87	Las Vegas Wash/Craig-Civic Center (King Charles)	Closed	2,415,411.73
NLV01C00	Upper Las Vegas Wash	Closed	2,590,459.93
NLV01E07	Tropical Parkway Channel East	Closed	1,161,535.61
NLV01G11	Ann Road Channel East, ULVW to Fifth Street	Open	1,063,556.00
NLV01H13	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Open	317,990.00
NLV01J15	Las Vegas Wash - "N" Channel, Cheyenne to Gowan	Open	3,158,000.00

# Regional Flood Control District

## Capital Improvement Projects - Cumulative Reporting

### Pay-As-You-Go Funding

#### North Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV02A87	W. Trib Las Vegas Wash/Craig -Alexander	Closed	1,268,170.85
NLV02B88	W. Trib Las Vegas Wash/Craig Ranch Golf Course-Craig	Closed	1,057,430.33
NLV03A88	West Range Wash Detention Basin (Facility Study)	Closed	273,068.12
NLV03B88	East Range Wash Detention Basin (Facility Study)	Closed	30,000.00
NLV03C91	West Range Wash Diversion Dike	Closed	339,338.71
NLV03E13	Hollywood System, Dunes South DB to Centennial Parkway	Open	2,706,972.00
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	Open	2,323,263.00
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
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	1,268,000.00
NLV09F13	Beltway Detention Basin and Channel	Closed	0.00
NLV09G13	Centennial Collector	Open	556,143.00
NLV09I13	Beltway Detention Basin and Channel	Open	1,034,000.00
NLV10A97	A - Channel/Lake Mead Blvd. - Alexander Road	Closed	1,822,067.69
NLV10B99	Cheyenne Peaking Basin	Closed	3,445,309.49
NLV10F02	Las Vegas Wash Main Branch, Cheyenne Avenue to Lake Mead Boulevard	Closed	353,900.87
NLV10H07	Las Vegas Wash - Lake Mead Blvd to Las Vegas Blvd	Closed	2,069,215.34
NLV10I09	Las Vegas Wash - Las Vegas Blvd to Cheyenne Ave	Closed	697,124.80
NLV10K11	LVW - LV Blvd to Cheyenne Avenue	Closed	6,382,656.86
NLV11A97	W. Trib Las Vegas Wash (Camino Al Norte to Ann Rd)	Closed	1,494,634.14
NLV11B97	W. Trib Las Vegas Wash, Ph II (Ann Rd to Centennial PKWY)	Closed	2,154,439.86
NLV12A97	Clayton Channel- WTLVW >Centennial PKWY> Allen Ln	Closed	40,408.90
NLV13A98	Tributary to the Western Tributary @ Craig Rd	Closed	801,419.92
NLV13B02	Tributary to the Western Tributary at Craig Road	Closed	5,443,730.21
NLV14A00	Tributary to the Western Tributary @ Alexander Rd	Closed	735,930.14
NLV15A00	Las Vegas Wash - Losee Project	Closed	87,613.81
NLV16A00	Simmons Street Channel	Closed	1,013,785.70
NLV17A00	Centennial Parkway Channel East	Closed	2,486,927.42
NLV17B08	Centennial Parkway Channel East	Closed	19,334,832.52
NLV17C16	Fifth Street Collector, Centennial Pkwy to Deer Springs Way	Open	726,079.00
NLV18A07	Colton Channel	Open	1,214,634.00
NLV18B07	Brooks Channel	Open	677,749.00
NLV18C07	Freeway Channel - Owens Avenue to Miller Avenue	Closed	1,528,308.05
NLV18D09	Freeway Channel - Owens Ave to Miller Ave, Phase I	Closed	4,389,989.00
NLV18E11	Freeway Channel - Owens Ave to Miller Avenue - Phase II	Closed	6,441,348.71
NLV18F13	Central Freeway Channel At Cheyenne	Open	772,549.00
NLV18H14	Brooks ChanTEL	Open	5,751,000.00
NLV18I16	Central Freeway Channel at Cheyenne	Open	11,300,000.00
			<b>\$164,113,815.96</b>
<b>Grand Total</b>			<b>\$953,311,605.65</b>

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

## Boulder City

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
BOU01A87	Hemenway Wash	Closed	867,000.00
BOU04D02	West Airport Facilities	Closed	568,602.56
BOU04E03	Valley View, Red Mountain and DD Facilities	Closed	76,468.23
BOU04F05	Valley View and DD Facilities	Closed	632,017.12
BOU05D04	Veterans Memorial Detention Basin	Closed	3,236,343.92
BOU05E04	Yucca Debris Basin, Collection & Outfall	Closed	69,028.25
BOU05F04	Bootleg Canyon Facilities	Closed	365,646.88
BOU05I10	Yucca Debris Basin, Collection and Outfall	Closed	1,189,960.47
			<b>\$7,005,067.43</b>

## Clark County

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA02F92	Rawhide Channel Improv/McLeod-Mtn Vista	Closed	2,678,784.24
CLA03E92	Van Buskirk Channel/ Phase III Construction	Closed	884,145.27
CLA03F92	Van Buskirk Channel/Phase V/Harmon-Harrison & Tropicana	Closed	1,318,316.18
CLA03G92	Van Buskirk Channel / Phase IV	Closed	949,302.79
CLA03H93	Van Buskirk Channel / Phases IIA & VI Construction	Closed	7,076,269.80
CLA04J03	Flamingo Wash, Algonquin Dr to Maryland Parkway	Closed	3,708,620.21
CLA04K03	Flamingo Wash, I-515 to Boulder Highway	Closed	4,358,838.58
CLA04L03	Lower Flamingo Detention Basin	Closed	1,078,896.68
CLA04T09	Lower Flamingo Detention Basin	Closed	3,387,621.44
CLA04W16	Flamingo Wash, Eastern Avenue	Open	1,420,000.00
CLA06B93	Range Wash Confluence DB ROW & Construction	Closed	9,575,705.90
CLA07C03	Sloan Channel, Las Vegas Wash to Charleston	Closed	11,371,793.05
CLA08C98	Lower Duck Creek Detention Basin & Outfall Channel	Closed	12,823,423.07
CLA08T14	Duck Creek, Las Vegas Boulevard	Open	7,400,000.00
CLA09B99	Durango Collector (Twain to Hacienda)	Closed	9,485,138.68
CLA10B99	Tropicana Wash, Paradise Road to Koval Lane	Closed	2,087,199.75
CLA10C03	Tropicana North Branch Detention Basin	Closed	3,763,800.00
CLA10E09	Tropicana North Branch Detention Basin	Closed	950,229.12
CLA12C99	Desert Inn Detention Basin & Collection System	Closed	5,327,982.96
CLA13C98	Lakes DB Collection System	Closed	17,986,141.42
CLA14B99	Duck Creek Channel (Hollywood Blvd to Stephaine St)--ROWA	Closed	1,598,918.50
CLA14M03	Duck Creek, Broadbent Blvd Bridge and Channel	Closed	2,176,640.38
CLA14N03	Duck Creek, Broadbent Blvd to Boulder Highway	Closed	5,832,117.22
CLA14P03	Duck Creek, Eldorado Lane to Spencer Street	Closed	343,994.59
CLA14Q04	Duck Creek, Topaz Street to Eastern Avenue	Closed	2,119,552.08
CLA14W11	Duck Creek, Robindale to I-215	Closed	650,561.15
CLA15B99	Colorado Avenue Storm Drain System	Closed	15,259,421.39
CLA15E13	LVW-Sloan to Stewart-Flam Wash below Nellis	Open	82,884,000.00
CLA15F16	Las Vegas Wash - Water Reclamation Channel	Open	3,400,000.00
CLA16L09	Lower Blue Diamond Detention Basin	Closed	2,581,701.25

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

## Clark County

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
CLA16M09	Blue Diamond Wash Wigwam, UPRR to Rainbow Blvd	Closed	5,067,171.04
CLA16N09	Blue Diamond Wash Wigwam, UPRR to Jones Blvd	Closed	0.00
CLA17A98	Blue Diamond Chnl/Durango Dr - Rainbow Blvd (Beltway 7B)	Closed	1,021,760.73
CLA17D04	Blue Diamond Channel - Jones Branch	Closed	641,602.04
CLA18A98	Red Rock Channel/Russell Rd - Hualapai Way	Closed	1,793,162.82
CLA19D03	Red Rock Channel, Naples Branch	Closed	9,885,236.80
CLA26D11	Flamingo Diversion-South Buffalo Branch, Flamingo Wash to Sunset Rd	Closed	7,030,263.37
CLA27D13	Flamingo Diversion - Rainbow Branch	Open	10,570,000.00
			<b>\$260,488,312.50</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
			<b>\$6,428,516.42</b>

## Henderson

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN01D91	Pittman Wash Channel - Phase II Construction	Closed	2,071,148.80
HEN01E93	Pittman Wash Channel Phase IIIA Construction	Closed	776,682.83
HEN03B92	UPRR Channel Construction	Closed	2,149,477.47
HEN04C93	Mission Hills System Construction	Closed	5,503,671.37
HEN04D94	C-1 Channel / Lake Mead Dr. - Burkholder	Closed	3,398,432.50
HEN04E96	Mission Hills Western Interceptor Diversion	Closed	2,100,000.00
HEN04J99	Black Mountain Detention Basin & Outfall	Closed	5,233,184.00
HEN04L01	C-1 Chnl, Mdl & Upr Reaches-Phi: Burkholder - Boulder HWY	Closed	4,784,787.10
HEN04M03	C-1 Channel, Upper & Middle Reaches - Vermillion Dr - Boulder HWY	Closed	3,689,653.67
HEN05B98	Pioneer DB Outfall	Closed	2,952,988.96
HEN05F12	Pioneer Detention Basin Expansion and Inflow	Closed	1,330,852.11
HEN05G16	Horizon Ridge Detention Basin	Open	8,294,400.00
HEN06J13	Equestrian Detention Basin Expansion	Open	1,098,200.00
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	Open	2,830,880.00
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

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

## Henderson

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
HEN20B04	C-1 Channel, US-95 Tributary 1	Closed	1,522,849.50
HEN23B16	Center Street Storm Drain	Open	9,731,435.15
			<u>\$77,309,801.56</u>

## Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
LAS01E13	Angel Park Detention Basin Expansion	Closed	4,085,640.34
LAS02E92	Buffalo Channel/Summerlin Pkwy-Vegas Dr.	Closed	1,911,377.65
LAS03C91	Gowan Detention Basin	Closed	7,184,517.75
LAS04D92	Oakey Detention Basin & Conveyance	Closed	6,887,121.59
LAS05E03	Oakey - Meadows Storm Drain	Open	5,470,354.00
LAS05F03	Alta Parallel System	Closed	2,093,934.39
LAS05K15	Oakey-Meadows Storm Drain, Phase III	Open	24,961,221.00
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
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	10,755,343.00
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
			<u>\$229,105,667.46</u>

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

## 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
			<u>\$21,684,984.80</u>

## North Las Vegas

<u>PROJECT</u>	<u>NAME</u>	<u>STATUS</u>	<u>TOTAL</u>
NLV01D03	Upper Las Vegas Wash	Closed	31,132,709.75
NLV01F09	Tropical Parkway Channel East	Closed	5,900,026.83
NLV01H14	Ann Road Channel East, ULVW to Fifth Street	Open	5,838,100.00
NLV03D93	West Range Wash Diversion Dike	Closed	2,251,608.79
NLV04D04	Gowan Outfall - Lone Mountain Branch, Decatur Blvd to Channel	Closed	1,179,589.48
NLV04H09	Simmons Street Drainage Improvements - Gowan Outfall	Closed	2,280,988.68
NLV04J14	Simmons Street Drainage Impvments-Alexander to Gowan Outfall	Open	16,066,600.00
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	Open	2,933,250.00
NLV10E03	"A" Channel Three Bridges Project (Cheyenne Ave, Las Vegas Blvd, and Carey	Closed	9,966,315.63
NLV10G03	Cheyenne Peaking Basin, Collection & Outfall - Alexander Rd to Cheyenne Av	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	Open	7,535,000.00
			<u>\$176,389,790.90</u>
		<b>Grand Total</b>	<u><u>\$778,412,141.07</u></u>

**FY2016-17 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>							
Center Street Storm Drain - 1st Supplemental	HEN23B16	Construction	470,035.15	0.00	470,035.15	8/11/2016	13
Pittman North Detention Basin and Outfall	HEN16A01	Design	207,440.00	0.00	207,440.00	12/8/2016	13
Pioneer Detention Basin Expansion and Inflow (Construction) - Closeout	HEN05F12	Construction	(158,365.89)	0.00	(158,365.89)	9/8/2016	7
Pittman North Detention Basin and Outfall		Construction	0.00	8,167,844.00			
Pittman North Detention Basin and Outfall, Phase II Starr Avenue - 1st Supplemental	HEN16E15	Construction	465,021.00	0.00	465,021.00	9/8/2016	14a
Equestrian Tributary Phase II - Closeout	HEN06I09	Design	(79,273.86)	0.00	(79,273.86)	12/8/2016	8
Equestrian Tributary Phase II - Closeout	HEN06K13	Construction	(215,651.24)	0.00	(215,651.24)	12/8/2016	8
Whitney Wash Channel (Design) - Closeout	HEN07D09	Design	(161,690.33)	0.00	(161,690.33)	12/8/2016	8
Pittman Wash UPRR to Santiago (Construction) - Closeout	HEN07E11	Construction	(778,590.17)	0.00	(778,590.77)	12/8/2016	8
Pittman Wash UPRR to Santiago (Design) - Closeout	HEN07B09	Design	(31,140.79)	0.00	(31,140.79)	1/12/2017	8
		<b>Henderson Total</b>	<b>(\$282,216.13)</b>	<b>\$8,167,844.00</b>	<b>(\$282,216.73)</b>		
<b>HENDERSON 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$7,885,627.87</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$9,791,140.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$10,073,356.73</b>			

<b>LAS VEGAS (Central Las Vegas Valley)</b>							
Brent Drainage System - Durango to El Capitan		Design	441,359.00				
Centennial Parkway Channel West - US 95, CC 215 to Durango		Construction	0.00	15,630,172.00			
Centennial Parkway Channel West - US 95, Durango to Grand Teton		Construction	0.00	8,204,032.00			
Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston		Construction	0.00	17,186,646.00			
Flamingo - Boulder Hwy. North, Charleston - Main to Boulder Hwy		Design	309,707.00	0.00			
Flamingo - Boulder Hwy. North, Charleston - Maryland to Boulder Hwy. and Maryland Parkway System	LAS29C16	Design	1,215,549.00	0.00	1,215,549.00	9/8/2016	16
Freeway Channel - Washington, Rancho to Valley View		Design	499,294.00	0.00			
Gowan Box Canyon - Lone Mountain Road		Construction	0.00	4,789,229.00			
Gowan North - Buffalo Branch, Lone Mountain to Washburn		Construction	6,610,993.00	0.00			
Gowan North - El Capitan Branch, Lone Mtn to Ann Road		Construction	0.00	8,989,204.00			
Gowan North - El Capitan Branch, Lone Mtn to Ann Road - 1st Supplemental	LAS24J15	Design	125,000.00	0.00	125,000.00	7/14/2016	10b
Gowan North-Buffalo Branch, Lone Mtn to Washburn Rd - 3rd Supplemental	LAS24H13	Design	138,000.00	0.00	138,000.00	7/14/2016	10a
Gowan Outfall - Alexander Rd., Decatur to Simmons		Design	1,921,156.00	0.00			
Gowan Outfall - Alexander Rd., Decatur to Simmons		ROW	10,000.00	0.00			
Rancho Road System - Elkhorn, Grand Canyon to Hualapai - 1st Supplemental	LAS16P15	Design	284,248.00	0.00	284,248.00	10/13/2016	11
Las Vegas Wash - Rainbow (Elkhorn Rd to Grand Teton Dr) (Construction) - Closeout	LAS22M09	Construction	(160,524.96)	0.00	(160,524.96)	1/12/2017	8
LVW - Grand Teton, Mountain Spa to Durango Drive (Design) - Closeout	LAS22K08	Design	(19,199.77)	0.00	(19,199.77)	1/12/2017	8
<b>Freeway Channel - Washington, MLK to Rancho Drive - 3rd Supplemental</b>	<b>LAS14D14</b>	<b>Construction</b>	<b>650,000.00</b>	<b>0.00</b>	<b>650,000.00</b>		
<b>Brent Drainage System - Floyd Lamb Park to Durango Drive - 2nd Supplemental</b>	<b>LAS22T15</b>	<b>Construction</b>	<b>1,150,000.00</b>	<b>0.00</b>	<b>1,150,000.00</b>		
<b>Gowan Outfall, Alexander Road - Decatur Boulevard to Simmons Street</b>	<b>NLV04K17</b>	<b>Design</b>	<b>1,931,156.00</b>	<b>0.00</b>	<b>1,931,156.00</b>		
		<b>Las Vegas Total</b>	<b>\$15,106,737.27</b>	<b>\$54,799,283.00</b>	<b>\$5,314,228.27</b>		
<b>LAS VEGAS 3-YEAR TOTALS:</b>			<b>PROJECTS PROGRAMMED</b>	<b>\$69,906,020.27</b>			
			<b>ESTIMATED RESOURCES</b>	<b>\$70,938,585.00</b>			
			<b>REMAINING RESOURCES</b>	<b>\$65,624,356.73</b>			

**FY2016-17 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 #
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**NORTH LAS VEGAS (Northern Las Vegas Valley)**

Beltway Collection System - Pecos		Design	428,946.00	0.00			
Beltway Detention Basin & Channel		Construction	7,574,572.00	0.00			
Central Freeway Channel at Cheyenne	NLV18116	Construction	11,300,000.00	0.00	11,300,000.00	12/8/2016	15b
Fifth Street Collector - Centennial to Deer Springs	NLV17C16	Design	726,079.00	0.00	726,079.00	10/10/2016	12
Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin		Design	887,470.00	0.00			
Hollywood System, Dunes South Detention Basin to Centennial Parkway		Construction	0.00	17,828,525.00			
Orchard Detention Basin - 12th Supplemental	CLA21A00	Design	375,000.00	0.00	375,000.00	9/8/2016	12a
Orchard Collector - Charleston to Linden		Construction	238,679.00	0.00			
Owens Detention Basin & Outfall		Design	364,638.00	0.00			
Owens Detention Basin & Outfall		ROW	0.00	505,632.00			
Range Wash - Ann Branch		Design	1,917,742.00	0.00			
Vandenberg North Detention Basin, Collection & Outfall		Construction	0.00	12,112,521.00			
Orchard Detention Basin (Construction)-Closeout	CLA21B12	Construction	(720,113.65)	0.00	(720,113.65)	10/13/2016	7
Centennial Parkway Channel East (Design) - Closeout	NLV17A00	Design	(767,172.58)	0.00	(767,172.58)	1/12/2017	8
<b>North Las Vegas Total</b>			<b>\$22,325,839.77</b>	<b>\$30,446,678.00</b>	<b>\$10,913,792.77</b>		

<b>NORTH LAS VEGAS 3-YEAR TOTALS:</b>	<b>PROJECTS PROGRAMMED</b>	<b>\$52,772,517.77</b>
	<b>ESTIMATED RESOURCES</b>	<b>\$54,588,410.00</b>
	<b>REMAINING RESOURCES</b>	<b>\$43,674,617.23</b>

**CLARK COUNTY (Southwest Las Vegas Valley and Outlying Areas)**

Airport Channel - Naples		Construction	0.00	2,802,041.00			
Blue Diamond Channel 02, Decatur - Pyle to Richmar		Construction	6,272,077.00	0.00			
Blue Diamond Wash Pebble		Construction	0.00	2,344,984.00			
Blue Diamond Wash Railroad		ROW	310,657.00	0.00			
Duck Creek at Dean Martin	CLA08W16	Construction	3,787,357.00	0.00	3,787,357.00	10/13/2016	12a
Duck Creek Haven Street		Construction	0.00	3,916,835.00			
Duck Creek Jones Boulevard		Construction	0.00	2,119,070.00			
Duck Creek Wash, El Camino to Rainbow		Construction	0.00	600,000.00			
Duck Creek, Sunset to Sandhill (Construction) - Closeout	HEN24B13	Construction	(679,921.17)	0.00	(679,921.17)	8/11/2016	7
F4 Patrick Lane/ Fort Apache Road Lateral		Construction	950,000.00	0.00			
<b>F4 Patrick Lane/ Fort Apache Road Lateral (Design) - Closeout</b>	<b>CLA01B04</b>	<b>Design</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>		
Flamingo Wash - Industrial Rd. to Hotel Rio Dr.		Construction	0.00	1,400,000.00			
Silverado Ranch Detention Basin and Outfall Facilities - 1st Supplemental	CLA08S13	Design	1,100,000.00	0.00	1,100,000.00	9/8/2016	15
Tropicana Wash at Swenson Street - 5th Supplemental	CLA10D07	Design	44,900.00	0.00	44,900.00	8/11/2016	12
Tropicana Wash at Swenson Street (Design)-Closeout	CLA10D07	Design	(253.80)	0.00	(253.80)	1/12/2017	8
Fairgrounds - Detention Basin (Whipple Street)		Design	350,000.00	0.00			
Fairgrounds - Detention Basin (Whipple Street)		Construction	0.00	9,829,023.00			
Goodsprings - Phase I		Construction	0.00	844,034.00			
Muddy River Logandale Levee - 2nd Supplemental	MOA01H15	Construction	1,650,000.00	0.00	1,650,000.00	9/8/2016	12b
Searchlight - South, Encinitas St. Storm Drain		Construction	0.00	1,481,124.00			
SR 163 at Casino Drive		Construction	889,222.00	0.00			
<b>Clark County Total</b>			<b>\$14,674,038.03</b>	<b>\$25,337,111.00</b>	<b>\$5,902,082.03</b>		

<b>CLARK COUNTY 3-YEAR TOTALS:</b>	<b>PROJECTS PROGRAMMED</b>	<b>\$40,011,149.03</b>
	<b>ESTIMATED RESOURCES</b>	<b>\$47,386,815.00</b>
	<b>REMAINING RESOURCES</b>	<b>\$41,484,732.97</b>

**CITY OF MESQUITE**

Town Wash - Mesa Boulevard, El Dorado to Town Wash		Design	283,323.00	0.00			
Virgin River Flood Wall		Construction	0.00	2,874,704.00			
<b>City of Mesquite Total</b>			<b>\$283,323.00</b>	<b>\$2,874,704.00</b>	<b>\$0.00</b>		

<b>MESQUITE 3-YEAR TOTALS:</b>	<b>PROJECTS PROGRAMMED</b>	<b>\$3,158,027.00</b>
	<b>ESTIMATED RESOURCES</b>	<b>\$5,399,813.00</b>
	<b>REMAINING RESOURCES</b>	<b>\$5,399,813.00</b>



**FY2016-17 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 #
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<b>BOULDER CITY</b>							
Hemenway System, Phase IIA Improvements	<i>BOU01D17</i>	<i>Construction</i>	<i>2,222,694.00</i>	<i>0.00</i>	<i>2,222,694.00</i>		
Hemenway System, Phase IIB Improvements		Construction	0.00	456,921.00			
		<b>Boulder City Total</b>	<b>\$2,222,694.00</b>	<b>\$456,921.00</b>	<b>\$2,222,694.00</b>		
<b>BOULDER CITY 3-YEAR TOTALS:</b>		<b>PROJECTS PROGRAMMED</b>	<b>\$2,679,615.00</b>				
		<b>ESTIMATED RESOURCES</b>	<b>\$4,466,587.00</b>				
		<b>REMAINING RESOURCES</b>	<b>\$2,243,893.00</b>				

<b>SUMMARY</b>	
<b>TOTAL 3-YEAR PROJECTS PROGRAMMED<sup>(2)</sup></b>	<b>\$176,412,956.94</b>
<b>TOTAL ESTIMATED RESOURCES (Year-1)</b>	<b>\$95,570,964.00</b>
<b>TOTAL REMAINING DESIGN PROJECTS (Year-1)</b>	<b>\$7,413,635.00</b>
<b>TOTAL PROJECTS FUNDED (Year-1)</b>	<b>\$24,070,580.34</b>
<b>CURRENT AVAILABLE CONSTRUCTION RESOURCES (Year-1)</b>	<b>\$64,086,748.66</b>

<b>LOCAL DRAINAGE (5)</b>							
Washington/Hollywood Storm Drain (Construction)- Closeout	CLD20A12	Construction	0.00	0.00	(16,200.00)	9/8/2016	7
Buckskin Avenue Storm Drain	LLD10B13	Construction	342,354.00	0.00	342,354.00	12/8/2016	14
		<b>Local Drainage Total</b>	<b>\$342,354.00</b>	<b>\$0.00</b>	<b>\$326,154.00</b>		

Notes:

- (1) Construction typically includes Construction and/or Construction Administration. Design typically includes Predesign, Design, Right-of-way, Environmental, and/or
- (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 2016-17</b>								
Feb-17	ESTIMATED REMAINING FISCAL YEAR CIP RESOURCES							
	Freeway Channel - Washington, MLK to Rancho Drive - 3rd Supplemental (Construction)					\$57,905,730		
	LAS14D14					650,000.00	\$57,255,730	
	Brent Drainage System - Floyd Lamb Park to Durango Drive - 2nd Supplemental (Construction)					\$1,150,000.00	\$56,105,730	
	LAS22T15					\$1,931,156.00	\$54,174,574	
	Gowan Outfall, Alexander Road - Decatur Boulevard to Simmons Street (Design)							
	F4 Patrick Lane/ Fort Apache Road Lateral (Design) - Closeout					\$0.00	\$54,174,574	
	CLA01B04					\$222,694.00	\$53,951,880	
	BOU01D17							
	No Projects Awaiting Funding			\$0.00				

Notes: (1) Estimated CIP resources are from the FY2016-17 Ten-Year Construction Program and may be adjusted for current economic conditions.

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

TEN YEAR CONSTRUCTION PROGRAM AMENDMENTS

**RECOMMENDATION SUMMARY**

**STAFF:** Approve.

**TECHNICAL ADVISORY:** Approve.

**CITIZENS ADVISORY:** Approve.

RFCD AGENDA  
ITEM #06  
DATE: 02/09/17

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

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

**FISCAL IMPACT:** None.

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

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
F4 Patrick Lane/Ft Apache Road Lateral (design)	CLA01B04	Item #07 Closeout	\$ 0.00	\$ 0.00
Gowan Outfall, Alexander Road – Decatur Boulevard to Simmons Street	NLV04K17	Item #10 Original	\$1,921,156.00	\$1,931,156.00
Hemenway System, Phase IIA Improvements	BOU01D17	Item #13b Original	\$2,558,252.00	\$2,222,694.00

TAC AGENDA ITEM #05 Date: 01/26/17	RFCD AGENDA ITEM #06 Date: 02/09/17
CAC AGENDA ITEM #05 Date: 01/30/17	

Project Description	Project Number	Item No. / Action	Current TYCP Amount	Requested Amendment Amount
Freeway Channel – Washington, MLK to Rancho Drive	LAS14D14	Item #11a 3 <sup>rd</sup> Supplemental	\$ 0.00	\$ 650,000.00
Brent Drainage System – Floyd Lamb Park to Durango Drive	LAS22T15	Item #12a 2 <sup>nd</sup> Supplemental	\$ 0.00	\$1,150,000.00

Respectfully submitted,



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

TAC AGENDA ITEM #05 Date: 01/26/17	RFCD AGENDA ITEM #06 Date: 02/09/17
CAC AGENDA ITEM #05 Date: 01/30/17	

020917 TYCP Amend-item

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**  
TEN YEAR CONSTRUCTION PROGRAM AMENDMENT

**PETITIONER:** DAVID N. BOWERS, DIRECTOR  
CITY OF LAS VEGAS PUBLIC WORKS

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

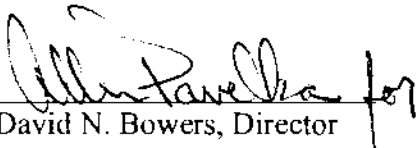
**FISCAL IMPACT:** None by this action.

**BACKGROUND:**

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

1. Rancho Road System – Elkhorn, Grand Canyon to Hualapai – Move construction and construction management from Year 3 (FY18/19) to Year 4 (FY19/20).

Respectfully submitted,

  
David N. Bowers, Director  
Department of Public Works

TAC AGENDA ITEM # 05 Date: 01/26/2017	RFCD AGENDA ITEM # 06 Date: 02/09/2017
CAC AGENDA ITEM # 05 Date: 01/30/2017	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	Date: 01/17/17
TEN YEAR CONSTRUCTION PROGRAM AMENDMENTS	
In accordance with Policies and Procedures Section II.B.9 general amendments can be processed to address scheduling changes and/or the need for additional funding. This agenda item addresses requested changes in funding, positive and negative, associated with this agenda as they impact the Ten Year Construction Program (TYCP). Also included are amendments from the City of Las Vegas.	
<b>Staff Recommendation:</b>	
Approve.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #05 Date: 01/26/17
<b>Recommendation:</b>	
Approve.	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #05 Date: 01/30/17
<b>Recommendation:</b>	
Approve.	

EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended February 9, 2017

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021				Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20				
<b>TOTAL PLAN</b>				<b>\$901,545,815</b>	<b>\$52,982,985</b>	<b>\$46,363,637</b>	<b>\$50,636,749</b>	<b>\$239,087,473</b>				
Unencumbered from previous year	\$42,587,979			<b>\$817,344,326</b>	\$43,171,705	\$34,914,252	\$11,620,558	\$72,849,342				
<b>ENTITY RESOURCES</b>				<b>\$348,573,056</b>	\$33,403,174	\$17,940,940	\$19,594,470	\$92,517,637				
Unencumbered from previous year	\$12,900,801				\$20,227,594	\$12,905,727	\$2,320,290	\$952,728				
<b>ENTITY TOTAL</b>				<b>\$341,410,736</b>	<b>\$13,175,581</b>	<b>\$25,262,807</b>	<b>\$30,179,907</b>	<b>\$93,885,198</b>		<b>\$5,314,228</b>		
<b>HYDROGRAPHIC BASIN: CENTRAL</b>				<b>\$211,271,728</b>	<b>\$2,674,550</b>	<b>\$643,431</b>	<b>\$17,186,646</b>	<b>\$42,443,571</b>		<b>\$1,865,549</b>		
<b>SYSTEM: LV Wash I-15 Tributary</b>				<b>\$15,359,506</b>	<b>\$1,149,294</b>	<b>\$493,431</b>	<b>\$0</b>	<b>\$6,932,027</b>		<b>\$650,000</b>		
<b>PROJECT: Freeway Channel - Washington, Valley View to Decatur</b>												
Design/Admin			\$727,252			\$493,431						
Right-of-way	LV15 0802		\$581,802	\$7,278,185								
Construction			\$5,199,850									
<b>PROJECT: Freeway Channel - Washington, Rancho to Valley View</b>												
Design/Admin			\$765,329		\$499,294			\$367,260				
Right-of-way	LV15 0528		\$612,283	\$7,431,321								
Construction			\$5,472,102					\$6,564,767				
<b>PROJECT: Freeway Channel - Washington, MLK to Rancho</b>												
3rd Supplement	Design/Admin	Design Started 11/12	\$1,007,949		\$200,000				2/9/2017	\$200,000	YES	LAS14D14
Right-of-way	LV15 0424, 0472 & 0474	LAS14C11	\$806,359	\$850,000								
Construction			\$7,206,634		\$450,000				2/9/2017	\$450,000	YES	LAS14D14
3rd Supplement												
<b>SYSTEM: LV Wash Central</b>			<b>\$285,079,544</b>	<b>\$133,972,846</b>	<b>\$61,266,283</b>	<b>\$0</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$14,335,444</b>	<b>\$0</b>		
<b>PROJECT: Las Vegas Wash - Stewart to Bonanza</b>												
Design/Admin		Design Started 11/12	\$582,295			\$75,000		\$278,427				
Right-of-way	LVMD 1121 & 1149	CLA15D12 / LAS28C12	\$465,836	\$5,349,191								
Construction			\$4,163,416					\$4,994,764				
<b>PROJECT: Meadows - Charleston, Essex to Lindell</b>												
Design/Admin			\$881,492									
Right-of-way	MECN 0000, 0061		\$705,194	\$9,839,810								
Construction			\$6,302,689									
<b>PROJECT: Meadows - Charleston, Lindell to Rainbow</b>												
Design/Admin			\$1,176,062									
Right-of-way	MECN 0123, 0223		\$940,848	\$13,246,988								
Construction			\$8,408,837									
<b>PROJECT: Cedar Avenue Channel Improvements</b>												
Design/Admin		Design Started 13/14	\$877,918			\$75,000		\$421,288				
Right-of-way	CACN 0001 & 0035, CNST 0000	LAS25B13	\$702,335	\$8,026,814								
Construction			\$6,277,116					\$7,530,526				
<b>PROJECT: Owens Avenue East - LV Wash to Mojave</b>												
Design/Admin			\$1,541,300					\$1,109,440				
Right-of-way	LVOE 0000		\$1,233,040	\$16,364,398								
Construction			\$11,020,297									
<b>PROJECT: Owens Avenue East - Mojave to Eastern</b>												
Design/Admin			\$766,974									
Right-of-way	LVOE 0085		\$613,579	\$8,839,083								
Construction			\$5,483,861									



EXHIBIT C

**CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended February 9, 2017**

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021				Funding Requests 16/17				
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20					Board Date
<b>TOTAL PLAN</b>				<b>\$901,545,815</b>	<b>\$52,982,985</b>	<b>\$46,363,837</b>	<b>\$50,636,749</b>	<b>\$239,087,473</b>					
Unencumbered from previous year	\$42,587,979			<b>\$817,344,326</b>	\$43,171,705	\$34,914,252	\$11,620,558	\$72,849,342					
<b>ENTITY RESOURCES</b>				<b>\$348,573,056</b>	\$33,403,174	\$17,940,940	\$19,594,470	\$92,517,637					
Unencumbered from previous year	\$12,900,801				\$20,227,594	\$12,905,727	\$2,320,290	\$952,728					
<b>ENTITY TOTAL</b>		<b>\$957,137,971</b>	<b>\$684,948,614</b>	<b>\$341,410,736</b>	<b>\$13,175,581</b>	<b>\$25,262,807</b>	<b>\$30,179,907</b>	<b>\$93,885,198</b>		<b>\$5,314,228</b>			
<b>SYSTEM: Sahara Boulder Highway</b>		<b>\$9,165,396</b>	<b>\$174,027,284</b>	<b>\$134,645,938</b>	<b>\$1,525,255</b>	<b>\$0</b>	<b>\$17,186,646</b>	<b>\$21,176,100</b>		<b>\$1,215,549</b>			
<b>PROJECT: Boulder Highway-Sahara Avenue - Eastern to Boulder Hwy</b>													
Design/Admin		Design Started 09/10	\$1,584,691										
Right-of-way	BHSA 0000, 0028	LAS27A09	\$1,267,753	\$17,849,738									
Construction			\$11,330,541										
<b>PROJECT: Sahara Avenue - Eastern Lateral</b>													
Design/Admin			\$301,160										
Right-of-way	SAEA 0000		\$240,928	\$3,392,227									
Construction			\$2,153,296										
<b>PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern</b>													
Design/Admin			\$1,451,440										
Right-of-way	BHSA 0075		\$1,161,152	\$18,348,820									
Construction			\$10,377,798										
<b>PROJECT: Boulder Highway Sahara Avenue - LV Blvd to Maryland</b>													
Design/Admin			\$2,062,012										
Right-of-way	BHSA 0175		\$1,849,610	\$23,823,000									
Construction			\$14,743,385										
<b>PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland</b>													
Design/Admin			\$474,725		\$309,707			\$227,807	9/8/2016			TYCP Amend	
Right-of-way	FLBN 0281, 0312		\$379,780	\$4,809,558				\$4,072,045	9/8/2016			TYCP Amend	
Construction			\$3,394,278										
<b>PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston</b>													
Design/Admin		Design started in 15/16	\$1,954,412					\$910,551					
Right-of-way	FLBN 0038	LAS29B15	\$1,563,530	\$17,186,646									
Construction			\$13,974,050					\$16,276,095					
<b>PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System</b>													
Design/Admin			\$1,863,218		\$1,210,549			\$894,106	9/8/2016	\$1,210,549	YES	LAS29C16	
Right-of-way	FLBN 0187, 0180, 0205 & FLMP 0000		\$1,490,575	\$18,091,797	\$5,000			\$5,000	9/8/2016	\$5,000	YES	LAS29C16	
Construction			\$13,322,013					\$15,982,143	9/8/2016		TYCP Amend		
<b>PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb</b>													
Design/Admin			\$1,094,511										
Right-of-way	LVBZ 0000		\$875,609	\$11,869,339									
Construction			\$7,825,754										
<b>PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos</b>													
Design/Admin			\$1,589,587										
Right-of-way	LVBZ 0084, 0114		\$1,271,670	\$17,804,890									
Construction			\$11,365,550										
<b>PROJECT: Flamingo - Boulder Hwy. North, Main St.</b>													
Design/Admin		Design Started 10/11	\$308,156										
Right-of-way	FLBN 0342	LAS29A10	\$246,524	\$3,389,922									
Construction		Engr's Est.	\$2,203,311										

EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended February 9, 2017

				FIRST FIVE YEARS 7/2016 THRU 6/2021										
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20						
<b>TOTAL PLAN</b>				Annual Resources	\$901,545,815	\$52,982,965	\$46,363,637	\$50,636,749	\$239,087,473					
Unencumbered from previous year		\$42,587,979		Cumulative Available Resources	\$817,344,326	\$43,171,705	\$34,914,252	\$11,620,558	\$72,849,342					
<b>ENTITY RESOURCES</b>				Annual Resources	\$348,573,056	\$33,403,174	\$17,940,940	\$19,594,470	\$92,517,637					
Unencumbered from previous year		\$12,900,801		Cumulative Available Resources		\$20,227,594	\$12,905,727	\$2,320,290	\$952,728					
<b>ENTITY TOTAL</b>					\$957,137,971	\$684,948,614	\$341,410,736	\$13,175,581	\$25,262,807	\$30,179,907	\$93,885,198	Funding Requests 16/17		
										Board Date	Amount	Amendment?	Project No.	
<b>HYDROGRAPHIC BASIN: GOWAN</b>		\$293,217,265	\$158,747,407	\$94,586,302	\$8,805,149	\$8,989,204	\$4,789,229	\$41,419,008		\$2,194,156				
<b>SYSTEM: Gowan North</b>		\$166,668,680	\$158,433,211	\$94,586,302	\$8,805,149	\$8,989,204	\$4,789,229	\$41,419,008		\$2,194,156				
<b>PROJECT: Gowan Box Canyon - Lone Mountain Road</b>														
	Design/Admin		Design started in 15/16	\$544,618				\$253,734						
	Right-of-way	GOBX 0015	LAS24115	\$435,693	\$4,769,229									
	Construction			\$3,894,007				\$4,535,495						
<b>PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd to Simmons Street</b>														
	Design/Admin			\$2,944,788	\$1,921,156			\$1,413,120	2/9/2017	\$1,921,156	YES	NLV04K17		
	Right-of-way	GOOF 0275, 0285		\$2,355,830	\$10,000				2/9/2017	\$10,000	YES	NLV04K17		
	Construction	0375, 0385		\$22,853,410				\$27,416,763						
<b>PROJECT: Gowan North - El Capitan Branch, Lone Mountain to Ann Road</b>														
	1st Supplement	Design/Admin	Design started in 15/16	\$1,052,891	\$125,000	\$476,249			7/14/2016	\$125,000	YES	LAS24J15		
	Right-of-way	GOEC 0000 thru 0076	LAS24J15	\$842,313										
	Construction			\$7,528,174		\$8,512,955								
<b>PROJECT: Gowan Outfall - Clayton Branch</b>														
	Design/Admin			\$1,340,021										
	Right-of-way	GOCL 0000		\$1,072,016										
	Construction			\$9,581,151										
<b>PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial</b>														
	Design/Admin			\$819,943										
	Right-of-way	GOEC 0100 thru 0176		\$655,955										
	Construction			\$5,862,597										
<b>PROJECT: Gowan - Alexander Rd., Rancho to Decatur</b>														
	Design/Admin		Design Started in 13/14	\$1,175,463				\$564,072						
	Right-of-way	GOAL 0000	LAS30A13	\$940,370										
	Construction		Engr's Est.	\$8,404,560				\$10,508,641						
<b>PROJECT: Gowan - Rancho, Craig to Alexander</b>														
	Design/Admin			\$740,352				\$532,911						
	Right-of-way	GOAL 0100, 0111		\$592,282										
	Construction			\$5,293,519										
<b>PROJECT: Gowan - Alexander Branch</b>														
	Design/Admin			\$334,099				\$240,487						
	Right-of-way	GOA2 0000		\$267,279										
	Construction			\$2,388,808										
<b>PROJECT: Gowan - Craig and US-95</b>														
	Design/Admin			\$1,032,239				\$743,014						
	Right-of-way	GOAL 0168, 0247		\$825,791										
	Construction			\$7,380,512										
<b>PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn</b>														
	Design/Admin		Design Started in 13/14	\$455,503	\$432,495				7/14/2016	\$110,000	YES	LAS24H13		
	3rd Supplement	Design/Admin			\$110,000				7/14/2016	\$28,000	YES	LAS24H13		
	3rd Supplement	Right-of-way	LAS24H13	\$364,401	\$28,000									
	Construction		Engr's Est.	\$3,256,839	\$6,178,498									

EXHIBIT C

CITY OF LAS VEGAS  
10-YEAR CONSTRUCTION PROGRAM  
Amended February 9, 2017

					FIRST FIVE YEARS 7/2016 THRU 6/2021																
Fac. ID		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1)	(Year 2)	(Year 3)	(Year 4)													
Mile Range					FY 16/17	FY 17/18	FY 18/19	FY 19/20	Board Date	Amount	Amendment?	Project No.									
<b>TOTAL PLAN</b>					<b>\$901,545,815</b>	<b>\$52,982,985</b>	<b>\$46,363,637</b>	<b>\$50,636,749</b>	<b>\$239,087,473</b>												
Unencumbered from previous year		\$42,587,979	Cumulative Available Resources		<b>\$817,344,326</b>	\$43,171,705	\$34,914,252	\$11,620,558	\$72,849,342												
<b>ENTITY RESOURCES</b>					<b>\$348,573,056</b>	\$33,403,174	\$17,940,940	\$19,594,470	\$92,517,637												
Unencumbered from previous year		\$12,900,801	Cumulative Available Resources			\$20,227,594	\$12,905,727	\$2,320,290	\$952,728												
<b>ENTITY TOTAL</b>						<b>\$957,137,971</b>	<b>\$684,948,614</b>	<b>\$341,410,736</b>	<b>\$13,175,581</b>	<b>\$25,262,807</b>	<b>\$30,179,907</b>	<b>\$93,885,198</b>	<b>\$5,314,228</b>								
<b>HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH</b>		<b>\$260,198,919</b>	<b>\$141,046,165</b>	<b>\$35,552,706</b>	<b>\$1,695,882</b>	<b>\$15,630,172</b>	<b>\$6,204,032</b>	<b>\$10,022,619</b>	<b>\$1,254,523</b>												
<b>SYSTEM: Ann Road</b>		<b>\$71,879,876</b>	<b>\$13,931,771</b>	<b>\$4,179,194</b>	<b>\$284,248</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,894,946</b>	<b>\$284,248</b>												
<b>PROJECT: Rancho Road System - Eikhorn, Grand Canyon to Hualapai</b>																					
1st Supplement	Design/Admin	RCHB 0295	Design Started in 15/16	\$430,021	\$4,179,194	\$284,248	\$0	\$206,355	10/13/2016	\$284,248	YES	LAS16P15									
	Right-of-way		LAS16P15	\$344,017																	
	Construction			\$3,074,648																	
<b>SYSTEM: Upper Western Tributary</b>																					
<b>PROJECT: Las Vegas Wash - Rainbow - (Eikhorn Rd to Grand Teton Dr)</b>																					
	Design/Admin	LVMD 2525, 2550, 2574, 2599			(\$180,525)	(\$160,525)			1/12/2017	(\$160,525)	YES	LAS22M09									
	Design/Admin																				
	Construction																				
<b>PROJECT: Las Vegas Wash - Grand Teton Storm Drain, Mountain Spa to Durango Drive</b>																					
	Design/Admin	LVMD 2632 thru 2789			(\$19,200)	(\$19,200)			1/12/2017	(\$19,200)	YES	LAS22K08									
	Design/Admin																				
	Construction																				
<b>PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Durango</b>																					
	Design/Admin	CN95 0000, 0069 & CNWE 0325	Design Started 15/16	\$2,010,954	\$15,630,172		\$909,605														
	Right-of-way		LAS23G15	\$1,608,763																	
	Construction			\$13,017,667																	
<b>PROJECT: Centennial Parkway Channel West - US 95, Durango to Grand Teton</b>																					
	Design/Admin	CN95 0102, 0167	Design Started 15/16	\$932,937	\$8,204,032			\$434,650													
	Right-of-way		LAS23H15	\$746,350																	
	Construction			\$6,670,502																	
<b>PROJECT: Brent Drainage System - Durango to El Capitan</b>																					
	Design/Admin	BRDB 0107, 0157		\$676,524	\$8,569,032		\$441,359														
	Right-of-way			\$541,220																	
	Construction			\$4,837,150																	
<b>PROJECT: Brent Drainage System - Floyd Lamb Park to Durango</b>																					
2nd Supplement	Design/Admin	BRDB 0043	Design Started 13/14	\$467,857	\$1,150,000		\$55,300		2/9/2017	\$55,300	YES	LAS22T15									
	Design/Admin		LAS22S13	\$374,287																	
	Construction			\$3,345,184																	
2nd Supplement	Construction						\$1,094,700		2/9/2017	\$1,094,700	YES	LAS22T15									

EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended February 9, 2017

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021			Board Date	Amount	Amendment?	Project No.	
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19					
<b>TOTAL PLAN</b>				<b>\$901,545,815</b>	<b>\$52,982,985</b>	<b>\$46,363,637</b>	<b>\$50,636,749</b>					
Unencumbered from previous year	\$42,587,979				\$43,171,705	\$34,914,252	\$11,820,558					
					Cumulative Available Resources							
<b>ENTITY RESOURCES</b>				<b>\$259,929,773</b>	<b>\$18,651,597</b>	<b>\$13,734,680</b>	<b>\$15,000,539</b>					
Unencumbered from previous year	\$2,956,013				\$3,977,559	\$8,108,902	\$3,268,505					
					Cumulative Available Resources							
<b>ENTITY TOTAL</b>				<b>\$246,114,748</b>	<b>\$14,674,038</b>	<b>\$9,603,336</b>	<b>\$19,840,936</b>		<b>\$5,902,082</b>			
<b>HYDROGRAPHIC BASIN: Tropicana/ Flamingo</b>												
<b>SYSTEM: Tropicana Flamingo Project</b>				<b>\$362,797,746</b>	<b>\$158,884,827</b>	<b>\$111,847,900</b>	<b>\$994,646</b>	<b>\$4,202,041</b>	<b>\$1,475,111</b>		<b>\$44,646</b>	
<b>PROJECT: Blue Diamond - Buffalo Branch</b>												
Design/Admin			\$786,575									
Design/Admin	BDBF 0010, 0076, 0125		\$629,259	\$9,144,223								
Construction			\$5,624,008									
<b>PROJECT: Flamingo - Cimarron Branch</b>												
Design/Admin			\$428,816									
Right-of-way	FLCM 0003, 0040		\$343,052	\$4,839,942								
Construction			\$3,066,031									
<b>PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral</b>												
CLOSEOUT												
Design/Admin		Design Started 04/05	\$947,732				\$150,000		2/9/2017	\$0	YES	CLA01B04
Right-of-way			\$758,186	\$950,000								
Construction	FLOQ 0100		\$6,776,287				\$800,000					
<b>SYSTEM: Lower Flamingo</b>				<b>\$241,571,216</b>	<b>\$107,037,196</b>	<b>\$46,550,404</b>	<b>\$44,646</b>	<b>\$4,202,041</b>	<b>\$475,111</b>		<b>\$44,646</b>	
<b>PROJECT: Wagon Trail Channel - Sunset to Teco</b>												
Design/Admin			\$176,000								\$122,996	
Right-of-way	WGTR 0111		\$140,800	\$1,881,120							\$163,995	
Construction			\$1,258,396									
<b>PROJECT: Flamingo Wash, Maryland to Palos Verde</b>												
Design/Admin			\$269,188								\$188,120	
Right-of-way	FLWA 0621 & 0673		\$215,351	\$2,828,311								
Construction			\$1,924,694									
<b>PROJECT: Las Vegas Wash - Christy</b>												
Design/Admin			\$1,970,430									
Right-of-way	LVCH 0000, 0114		\$1,576,344	\$22,286,291								
Construction			\$14,088,579									
<b>PROJECT: Flamingo Wash Maryland - UNLV</b>												
Design/Admin			\$590,847									
Right-of-way	FLMR 0000		\$472,678	\$8,668,756								
Construction			\$4,224,557									
<b>PROJECT: Airport Channel - Naples</b>												
Design/Admin		Design Started 13/14	\$328,199					\$148,453				
Right-of-way	TRMC 0013, 0031	CLA10H13	\$262,559	\$2,802,041								
Construction			\$2,346,621					\$2,653,569				
<b>PROJECT: Tropicana Wash at Swenson</b>												
CLOSEOUT												
5th Supplement	Design/Admin	TRWA 0017, 0019, 0034 & 0041		\$44,900					1/12/2017	(\$254)	YES	CLA10D07
5th Supplement	Design/Admin		Design Started 07/08						8/11/2016	\$45,000	YES	CLA10D07
5th Supplement	Right-of-way		CLA10D07						8/11/2016	(\$100)	YES	CLA10D07
Construction												
<b>PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos</b>												
Design/Admin			\$760,512									
Right-of-way	VAVD 0000 & 0025		\$608,410	\$8,841,239								
Construction			\$5,437,663									
<b>PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.</b>												
Design/Admin		Design Started 09/10	\$32,099					\$100,000				
Right-of-way	FLWA 0893 & 0896	CLA10F10	\$25,679	\$1,400,000								
Construction		Eng. Est.	\$229,504					\$1,300,000				
<b>SYSTEM: Lower LV Wash Tributaries</b>				<b>\$17,154,487</b>	<b>\$29,604,381</b>	<b>\$50,363,330</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,000,000</b>		<b>\$0</b>	
<b>PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista</b>												
Design/Admin			\$421,501									
Right-of-way	LV01 0151		\$337,201	\$4,747,732								
Construction			\$3,013,735									
<b>PROJECT: Las Vegas Wash - Boulder Highway</b>												
Design/Admin			\$1,225,497						10/13/2016		Moved	
Right-of-way	LVBH 0000		\$980,397	\$1,053,300								
Construction			\$8,762,304									
<b>PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris</b>												
Design/Admin		Design Started 11/12	\$1,275,229					\$1,000,000	10/13/2016		Moved	
Right-of-way	LV01 0001 thru 0135	CLA35A11	\$1,020,185	\$29,305,805								
Construction		Eng. Est.	\$9,117,898						10/13/2016		Moved	
<b>PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.</b>												
Design/Admin			\$1,415,886									
Right-of-way	LV02 0001 thru 0294		\$1,132,709	\$15,256,493								
Construction			\$9,907,874									

EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended February 9, 2017

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021			Funding Requests 16/17					
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19						
<b>TOTAL PLAN</b>				<b>\$901,545,815</b>	<b>\$52,982,985</b>	<b>\$46,363,637</b>	<b>\$50,836,749</b>						
Unencumbered from previous year	\$42,587,979			<b>\$817,344,326</b>	\$43,171,705	\$34,914,252	\$11,620,558						
<b>ENTITY RESOURCES</b>				<b>\$259,929,773</b>	<b>\$18,651,597</b>	<b>\$13,734,680</b>	<b>\$15,000,539</b>						
Unencumbered from previous year	\$2,956,013				\$3,977,559	\$8,108,902	\$3,268,505						
<b>ENTITY TOTAL</b>		<b>\$1,065,594,071</b>	<b>\$552,627,233</b>	<b>\$246,114,748</b>	<b>\$14,674,038</b>	<b>\$9,603,336</b>	<b>\$19,840,936</b>	<b>Board Date</b>	<b>Amount</b>	<b>Amendment?</b>	<b>Project No.</b>		
<b>HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond</b>		<b>\$302,474,814</b>	<b>\$201,718,434</b>	<b>\$79,940,164</b>	<b>\$10,790,170</b>	<b>\$2,944,984</b>	<b>\$8,536,803</b>		<b>\$4,207,436</b>				
<b>SYSTEM: Blue Diamond Tributaries</b>		<b>\$45,918,214</b>	<b>\$47,534,900</b>	<b>\$20,289,875</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,177,826</b>		<b>\$0</b>				
<b>PROJECT: Blue Diamond Wash - Arville to I-15</b>													
Design/Admin			\$503,358				\$351,768						
Right-of-way	BDWA 0276		\$402,686	\$4,910,989									
Construction			\$3,598,007										
<b>PROJECT: Duck Cr./ Blue Diamond, Bermuda to Las Vegas Blvd.</b>													
Design/Admin			\$506,588				\$354,025						
Right-of-way	DCBD 0075, 0082 & 0084		\$405,271	\$5,552,174			\$472,034						
Construction			\$3,622,105										
<b>PROJECT: Blue Diamond Channel, Amigo to Rancho Destino</b>													
Design/Admin			\$848,814										
Right-of-way	BDWA 0087 thru 0174		\$679,051	\$9,826,732									
Construction			\$6,069,022										
<b>SYSTEM: Upper Duck Creek</b>		<b>\$66,782,047</b>	<b>\$74,969,770</b>	<b>\$52,026,018</b>	<b>\$7,662,735</b>	<b>\$2,344,984</b>	<b>\$3,442,142</b>		<b>\$1,100,000</b>				
<b>PROJECT: Duck Creek, Sunset Park</b>													
Design/Admin			\$1,379,919				\$964,346						
Right-of-way	DC9P 0000		\$1,103,935	\$14,224,245									
Construction			\$9,866,422										
<b>PROJECT: Duck Creek Jones Boulevard</b>													
Design/Admin		RTC Project	\$831,705				\$387,487	8/11/2016		Remove Design			
Right-of-way	DCJB 0000, 0043		\$665,364	\$2,119,070			\$1,731,583						
Construction			\$5,946,690										
<b>PROJECT: Blue Diamond Wash Pebble</b>													
Design/Admin		RTC Project	\$993,397				\$112,335						
Right-of-way	BDW4 0000	No Design	\$794,717	\$2,344,894			\$224,669						
Construction			\$7,102,787				\$2,007,981						
<b>PROJECT: Silverado Ranch Detention Basin and Outfall Facilities</b>													
1st Supplement Design/Admin		Design Started 13/14	\$1,857,765				\$1,080,000	9/8/2016	\$1,080,000	YES	CLA08S13		
1st Supplement Right-of-way	BD02 0125 thru 0312 & 0359 and 0385	CLA08S13	\$1,486,212	\$17,815,569			\$20,000	9/8/2016	\$20,000	YES	CLA08S13		
Construction			\$13,190,259										
<b>PROJECT: Blue Diamond Channel 02, Decatur - Pyle to Richmar</b>													
Design/Admin		RTC Project	\$742,453				\$500,000						
Right-of-way	BD02 0334, 0358, 0359	No Design	\$593,862	\$6,272,077			\$5,772,077						
Construction			\$5,308,536										
<b>PROJECT: Blue Diamond Wash Railroad</b>													
Design/Admin			\$357,137				\$310,657						
Right-of-way	BDW5 0028		\$285,709	\$4,102,478									
Construction			\$2,553,531										
<b>PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones</b>													
Design/Admin			\$513,315				\$358,726						
Right-of-way	DCW4 0298		\$410,652	\$5,147,595									
Construction			\$3,670,199										
<b>SYSTEM: Lower Duck Creek</b>		<b>\$165,125,232</b>	<b>\$22,785,422</b>	<b>\$3,107,436</b>	<b>\$3,107,436</b>	<b>\$0</b>	<b>\$0</b>		<b>\$3,107,436</b>				
<b>PROJECT: Duck Creek @ Dean Martin</b>													
Design/Admin		Design Started 13/14	\$169,422				\$314,500	10/13/2016	\$314,500	YES	CLA08W16		
Right-of-way	DCWA 1448 & 1447	CLA08Q13	\$135,537	\$3,767,357			\$3,472,857	10/13/2016	\$3,472,857	YES	CLA08W16		
Construction		Eng. Est.	\$1,211,361										
<b>PROJECT: Duck Creek - Sunset to Sandhill</b>													
Design/Admin		Design Started 11/12											
Right-of-way	DCWA 0848, 0858 & 0870	HEN24A11		(\$679,921)									
CLOSEOUT		Eng. Est.					(\$679,921)	8/11/2016	(\$679,921)	YES	HEN24B13		
Construction													
<b>SYSTEM: Central Duck Creek</b>		<b>\$24,649,321</b>	<b>\$56,428,342</b>	<b>\$4,516,835</b>	<b>\$0</b>	<b>\$600,000</b>	<b>\$3,916,835</b>		<b>\$0</b>				
<b>PROJECT: Duck Creek Wash, El Camino to Rainbow</b>													
Design/Admin		Developer Participation	\$387,474										
Right-of-way	DCWA 1775, 1803, 1827		\$309,979	\$800,000									
Construction			\$2,770,438				\$600,000						
<b>PROJECT: Duck Creek Haven Street</b>													
Design/Admin			\$445,410				\$207,514	8/11/2016		Remove Design			
Right-of-way	DCHV 0028, 0050, 0057		\$356,329	\$3,916,835									
Construction			\$3,184,684				\$3,709,320						

EXHIBIT C

CLARK COUNTY  
10-YEAR CONSTRUCTION PROGRAM  
Amended February 9, 2017

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021			Board Date	Amount	Amendment?	Project No.		
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19						
Annual Resources					\$901,545,815	\$52,982,985	\$46,363,637	\$50,636,749					
Cumulative Available Resources					\$817,344,326	\$43,171,705	\$34,914,252	\$11,620,558					
Unencumbered from previous year					\$42,587,979								
Annual Resources					\$259,929,773	\$18,651,597	\$13,734,680	\$15,000,539	Funding Requests 16/17				
Cumulative Available Resources					\$3,977,559	\$8,108,902	\$3,268,505						
Unencumbered from previous year					\$2,956,013								
<b>ENTITY TOTAL</b>					<b>\$1,065,594,071</b>	<b>\$552,627,233</b>	<b>\$246,114,748</b>	<b>\$14,674,038</b>	<b>\$9,603,336</b>	<b>\$19,840,936</b>			
<b>HYDROGRAPHIC BASIN: Outlying Areas</b>					<b>\$69,748,831</b>	<b>\$192,023,972</b>	<b>\$54,326,685</b>	<b>\$2,889,221</b>	<b>\$2,456,310</b>	<b>\$9,829,023</b>		<b>\$1,650,000</b>	
<b>SYSTEM: Goodsprings</b>					<b>\$64,849</b>	<b>\$2,701,170</b>	<b>\$844,034</b>	<b>\$0</b>	<b>\$844,034</b>	<b>\$0</b>		<b>\$0</b>	
<b>PROJECT: Goodsprings - Phase I</b>													
	Design/Admin	GSEA 0000	Design Started 09/10	\$91,455			\$41,367						
	Right-of-way	GSPA 0027 & 0029	GSP01B10	\$55,910	\$844,034		\$63,224						
	Construction	GSRV 0019		\$653,904			\$739,443						
<b>SYSTEM: Muddy River &amp; Tributaries</b>					<b>\$25,323,000</b>	<b>\$118,662,000</b>	<b>\$24,281,453</b>	<b>\$2,000,000</b>	<b>\$0</b>	<b>\$9,829,023</b>		<b>\$1,650,000</b>	
<b>PROJECT: Fairgrounds - Detention Basin (Whipple Street)</b>													
	Design/Admin		Design Started 10/11	\$1,197,000			\$350,000	\$0	\$533,406	9/8/2016	Moved		
	Right-of-way	FGWS 0000 thru 0168	MOA03A11	\$0	\$10,179,023								
	Construction			\$8,344,000			\$0	\$9,295,616.51	9/8/2016		Moved		
<b>PROJECT: Muddy River Logandale Levee</b>													
	2nd Supplement		Design Started 09/10	\$482,000			\$50,000			9/8/2016	\$50,000	YES	MOA01H15
	Right-of-way	MRL 0001, 0013, 0038	MOA01F10	\$0	\$1,650,000								
	Construction		Eng. Est.	\$2,851,000			\$1,600,000			9/8/2016	\$1,600,000	YES	MOA01H15
<b>PROJECT: Bryner Avenue to Lewis</b>													
	Design/Admin		MOA01B89	\$1,395,000						9/8/2016			Moved
	Right-of-way	MRLV 0198, 0240, 0268, 0276		\$0	\$12,452,430								
	Construction		Eng. Est.	\$9,978,000						9/8/2016			Moved
<b>SYSTEM: Mount Charleston</b>					<b>\$304,564</b>	<b>\$894,337</b>	<b>\$99,174</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	
<b>PROJECT: Rainbow Canyon Boulevard Bridge</b>													
	Design/Admin			\$118,849			\$0	\$0	\$0	10/13/2016		Moved	
	Right-of-way	MTCH 0001		\$0	\$99,174								
	Construction			\$775,488				\$0	\$0	10/13/2016		Moved	
<b>SYSTEM: Laughlin</b>					<b>\$33,124,938</b>	<b>\$58,328,851</b>	<b>\$16,756,159</b>	<b>\$889,221</b>	<b>\$131,153</b>	<b>\$0</b>		<b>\$0</b>	
<b>PROJECT: Bridge Canyon Detention Basin</b>													
	Design/Admin			\$1,110,088									
	Right-of-way	LUHS 0415, 0418, 0417		\$0	\$11,183,155								
	Construction			\$6,969,201									
<b>PROJECT: Bridge Canyon Outfall</b>													
	Design/Admin			\$252,575									
	Right-of-way	LUHS 0315, 0318, 0317		\$0	\$2,958,262								
	Construction			\$1,883,212									
<b>PROJECT: Hiko Detention Basin Expansion</b>													
	Design/Admin			\$193,302				\$131,153					
	Right-of-way	LUHS 0244		\$0	\$1,725,521								
	Construction			\$1,212,966									
<b>PROJECT: SR 163 at Casino Drive</b>													
	Design/Admin		Design Started 08/09	\$98,081			\$42,658						
	Right-of-way	LUBC 0000, 0001, 0005, 0006 & 0031	LAU04A08	\$24,526	\$889,221								
	Construction			\$776,578			\$846,563						
<b>SYSTEM: Searchlight</b>					<b>\$1,411,509</b>	<b>\$3,224,834</b>	<b>\$3,989,068</b>	<b>\$0</b>	<b>\$1,481,123</b>	<b>\$0</b>		<b>\$0</b>	
<b>PROJECT: Searchlight - South Encinitas St. Storm Drain</b>													
	Design/Admin		Design Started 09/10	\$173,481				\$78,470					
	Right-of-way	SRSO 0000, 0010, 0021, 0030	SEA03A09	\$0	\$1,481,123								
	Construction			\$1,240,394				\$1,402,653					
<b>PROJECT: Searchlight - West</b>													
	Design/Admin			\$222,430									
	Right-of-way	SRWE 0001 thru 0091		\$0	\$2,507,845								
	Construction			\$1,588,526									
<b>SYSTEM: Bunkerville</b>					<b>\$9,519,970</b>	<b>\$8,212,780</b>	<b>\$8,356,797</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>	
<b>PROJECT: Windmill Wash Detention Basin Expansion</b>													
	Design/Admin	WIWA 0039,	Design Started 10/11	\$1,537,304									
	Design/Admin	WIJE 0000 &	BUN01D11	\$0	\$8,356,797								
	Construction	JEWA 0185		\$6,214,352									

EXHIBIT C

CITY OF BOULDER CITY  
10-YEAR CONSTRUCTION PROGRAM

Amended February 9, 2017

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021			Board Date	Amount	Amendment?	Project No.
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19				
<b>TOTAL PLAN</b>			Annual Resources	<b>\$901,545,815</b>	\$52,982,985	\$46,363,837	\$50,636,749				
Unencumbered from previous year	\$42,587,979		Cumulative Available Resources	<b>\$817,344,326</b>	\$43,171,705	\$34,914,252	\$11,620,558				
<b>ENTITY RESOURCES</b>			Annual Resources	<b>\$9,974,374</b>	\$2,572,945	\$905,111	\$988,531				
Unencumbered from previous year	\$1,538,611		Cumulative Available Resources		\$350,251	\$774,249	\$1,643,598				
<b>ENTITY TOTAL</b>		<b>\$44,844,167</b>	<b>\$38,244,252</b>	<b>\$7,882,248</b>	<b>\$2,222,694</b>	<b>\$481,113</b>	<b>\$119,182</b>		<b>\$2,222,694</b>		
<b>HYDROGRAPHIC BASIN: Boulder City</b>		<b>\$44,844,167</b>	<b>\$38,244,252</b>	<b>\$7,882,248</b>	<b>\$2,222,694</b>	<b>\$481,113</b>	<b>\$119,182</b>		<b>\$2,222,694</b>		
<b>SYSTEM: Georgia/Buchanan</b>		<b>\$12,183,226</b>	<b>\$1,794,645</b>	<b>\$2,156,836</b>	<b>\$0</b>	<b>\$24,191</b>	<b>\$119,182</b>		<b>\$0</b>		
<b>PROJECT: Georgia Buchanan Confluence Facilities</b>											
Design/Admin	GBGR 0003 & GBBC 0004		\$170,542				\$119,182				
Right-of-way			\$0	\$1,827,548							
Construction			\$1,355,802								
<b>PROJECT: Georgia Avenue Facilities - Vaquero Drive Bridge</b>											
Design/Admin	GBGR 0099		\$35,655			\$24,191					
Right-of-way			\$0	\$329,289							
Construction			\$232,647								
<b>SYSTEM: Hemenway</b>		<b>\$13,994,969</b>	<b>\$1,138,062</b>	<b>\$4,007,190</b>	<b>\$2,222,694</b>	<b>\$456,921</b>	<b>\$0</b>		<b>\$2,222,694</b>		
<b>PROJECT: Hemenway System, Phase IIA Improvements</b>											
Design/Admin	HMTB 0034, HMLM 0066 & 0085, BOU01C10	Design Started 09/10	\$36,551		\$175,000			2/9/2017	\$175,000	YES	BOU01D17
Right-of-way	HMWA 0158, 0173, 0175, & 0182		\$0	\$2,222,694							
Construction		Eng. Est	\$259,441		\$2,047,694			2/9/2017	\$2,047,694	YES	BOU01D17
<b>PROJECT: Hemenway System, Phase IIB Improvements</b>											
Design/Admin	HMWA 0005, 0105	Design Started 09/10	\$35,887			\$16,232					
Right-of-way		BOU01C10	\$0	\$456,921							
Construction		Eng. Est	\$69,980			\$440,689					
<b>PROJECT: Hemenway System, Phase IIC Improvements</b>											
Design/Admin	HMLV 0006 & 0019	Design Started 09/10	\$67,090								
Right-of-way		BOU01C10	\$0	\$1,327,575							
Construction		Eng. Est	\$479,690								
<b>SYSTEM: North Railroad</b>		<b>\$10,883,089</b>	<b>\$1,652,616</b>	<b>\$1,718,221</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$0</b>		
<b>PROJECT: Wells Drive Levee Lining</b>											
Design/Admin	NRIN 0088		\$11,287								
Right-of-way			\$0	\$96,582							
Construction			\$66,875								
<b>PROJECT: North Railroad Conveyance</b>											
Design/Admin	Phase 2 Const NRIN 0010, 0031, 0062	Design Started 09/10	\$195,394								
Construction		BOU05J10	\$1,273,569	\$1,821,638							

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT  
CLA01B04**

**RECOMMENDATION SUMMARY**

**STAFF:** Accept the final accounting report and close out the interlocal contract.

**TECHNICAL ADVISORY:** Accept the final accounting report and close out the interlocal contract.

**CITIZENS ADVISORY:** Accept the final accounting report and close out the interlocal contract.

**RFCD AGENDA  
ITEM #07  
DATE: 02/09/17**



CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

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

**FISCAL IMPACT:** \$0.00 Release in Fund 4430

**BACKGROUND:**

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

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

PROJECT	NUMBER	FUND	BALANCE
F4 Patrick Lane/Ft Apache Road Lateral (design)	CLA01B04	4430.000	\$0.00
<b>Total Fund 4430</b>			<b>\$0.00</b>

Respectfully submitted,



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

TAC AGENDA ITEM #06 Date: 01/26/17	RFCD AGENDA ITEM #07 Date: 02/09/17
CAC AGENDA ITEM #06 Date: 01/30/17	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 02/01/17

**FINAL ACCOUNTING REPORT AND PROJECT CLOSEOUT**

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

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

PROJECT	NUMBER	FUND	BALANCE
F4 Patrick Lane/Ft Apache Road Lateral (design)	CLA01B04	4430.000	\$0.00
<b>Total – Fund 4430</b>			<b>\$0.00</b>

**Staff Recommendation:**

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

**Discussion by Technical Advisory Committee:**

AGENDA  
#06 Date: 01/26/17

**Recommendation:**

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

**Discussion by Citizens Advisory Committee:**

AGENDA  
#06 Date: 01/30/17

**Recommendation:**

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

**Clark County Regional Flood Control District**  
**Final Accounting Report**  
**Report Date 12/5/2016**



**Project:** RF.CLA01B04, F4 Patrick Lane/Ft Apache Road Lateral

**Interlocal Value:** \$482,000.00

<b>Funding Category</b>	<b>Right of Way</b>	<b>Predesign</b>	<b>Design</b>	<b>Construction</b>	<b>Construction Mgt</b>	<b>Environmental</b>	<b>Other</b>
<b>Interlocal Funding Allocation</b>	\$20,359.21	\$0.00	\$456,565.22	\$0.00	\$0.00	\$5,075.57	\$0.00
<b>Amount Spent by Category</b>	\$20,359.21	\$0.00	\$456,565.22	\$0.00	\$0.00	\$5,075.57	\$0.00
<b>Remaining by Category</b>	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00


<b><u>Funding / Expenditure Summary</u></b>	
<b>Interlocal Agreement:</b>	\$482,000.00
<b>Minus Amount Spent:</b>	\$482,000.00
<b>Amount to be Returned for Future Use:</b>	<u>\$0.00</u>

**ID Miles:** FLOQ0000

**Concur:**

**Accepted and Approved:**

\_\_\_\_\_  
 Engineering/Finance/Accounting      Date

  
 \_\_\_\_\_  
 Public Works Director      Date 12-6-16

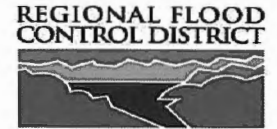
**Project Audit Report**

**Project:** RF.CLA01B04, F4 Patrick Lane/Ft Apache Road Lateral

**Status:** Open

**12/5/2016**

**Purchase Order - none**



<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>Memo</u>
PUBLIC WORKS/CC TREAS	1517056427	11/18/2016	20,359.21	RF.CLA01B04.1-2 - ROW	CCPW; 1017003848
	<b>WBS Total</b>		<b>\$20,359.21</b>		
PUBLIC WORKS/CC TREAS	1508001349	08/22/2007	731.25	RF.CLA01B04.2-2D - DENG	Carter Burgess
PUBLIC WORKS/CC TREAS	1508001350	08/22/2007	31,795.18	RF.CLA01B04.2-2D - DENG	Carter Burgess
PUBLIC WORKS/CC TREAS	1508003961	11/27/2007	14,010.88	RF.CLA01B04.2-2D - DENG	Carter Burgess
PUBLIC WORKS/CC TREAS	1508003962	11/27/2007	16,037.65	RF.CLA01B04.2-2D - DENG	Carter Burgess
PUBLIC WORKS/CC TREAS	1508004653	12/24/2007	23,381.83	RF.CLA01B04.2-2D - DENG	Carter & Burgess, Inc.
PUBLIC WORKS/CC TREAS	1508004654	12/24/2007	4,652.38	RF.CLA01B04.2-2D - DENG	Carter & Burgess, Inc.
PUBLIC WORKS/CC TREAS	1508007501	04/07/2008	1,892.57	RF.CLA01B04.2-2D - DENG	Carter & Burgess, Inc.
PUBLIC WORKS/CC TREAS	1508010127	06/30/2008	12,277.56	RF.CLA01B04.2-2D - DENG	Carter & Burgess
PUBLIC WORKS/CC TREAS	1509003271	11/19/2008	21,552.73	RF.CLA01B04.2-2D - DENG	Carter Burgess
PUBLIC WORKS/CC TREAS	1509003272	11/19/2008	3,361.96	RF.CLA01B04.2-2D - DENG	Carter Burgess
PUBLIC WORKS/CC TREAS	1509003747	12/11/2008	2,966.44	RF.CLA01B04.2-2D - DENG	Carter Burgess
PUBLIC WORKS/CC TREAS	1512103485	01/23/2012	(731.25)	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512103485	01/23/2012	(31,795.18)	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512103485	01/23/2012	(14,010.88)	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512103485	01/23/2012	(16,037.65)	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur

**Project Audit Report**

**Project:** RF.CLA01B04, F4 Patrick Lane/Ft Apache Road Lateral

**Status:** Open

**12/5/2016**

**Purchase Order - none**



<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>Memo</u>
PUBLIC WORKS/CC TREAS	1512103485	01/23/2012	(23,381.83)	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512103485	01/23/2012	(4,652.38)	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512103485	01/23/2012	(1,892.57)	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512104109	01/24/2012	731.25	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512104109	01/24/2012	31,795.18	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512104109	01/24/2012	14,010.88	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512104109	01/24/2012	16,037.65	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512104109	01/24/2012	23,381.83	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512104109	01/24/2012	4,652.38	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1512104109	01/24/2012	1,892.57	RF.CLA01B04.2-2D - DENG	Correct posting Not Relevant to Project Carter Bur
PUBLIC WORKS/CC TREAS	1513027095	08/29/2012	26.53	RF.CLA01B04.2-2D - DENG	ARC; 3113014808
REGIONAL FLOOD CONTROL/TREAS	1013018959	06/30/2013	32,518.00	RF.CLA01B04.2-2D - DENG	Manual AP - Doc 1514006753
PUBLIC WORKS/CC TREAS	1514006753	07/25/2013	32,518.00	RF.CLA01B04.2-2D - DENG	Pipex; 3113138173
REGIONAL FLOOD CONTROL/TREAS	1914001405	08/22/2013	(32,518.00)	RF.CLA01B04.2-2D - DENG	Manual AP - Doc 1514006753
PUBLIC WORKS/CC TREAS	1514079929	04/09/2014	219.20	RF.CLA01B04.2-2D - DENG	ABC Imaging; 3114088185
PUBLIC WORKS/CC TREAS	1515057554	11/20/2014	71.18	RF.CLA01B04.2-2D - DENG	ABC Imaging; 3115039387

**Project Audit Report**

**Project:** RF.CLA01B04, F4 Patrick Lane/Ft Apache Road Lateral

**Status:** Open

**12/5/2016**

**Purchase Order - none**



<u>Vendor</u>	<u>Invoice #</u>	<u>Invoice Date</u>	<u>Amount</u>	<u>WBS</u>	<u>Memo</u>
PUBLIC WORKS/CC TREAS	1515078513	01/13/2015	150.72	RF.CLA01B04.2-2D - DENG	ABC Imaging; 3115055260
PUBLIC WORKS/CC TREAS	1515078514	01/13/2015	27.50	RF.CLA01B04.2-2D - DENG	ABC Imaging; 3115055261
PUBLIC WORKS/CC TREAS	1515106433	03/24/2015	127.90	RF.CLA01B04.2-2D - DENG	ABC Imaging; 3115080427
PUBLIC WORKS/CC TREAS	1517056427	11/18/2016	290,763.76	RF.CLA01B04.2-2D - DENG	CCPW; 1017003848
	<b>WBS Total</b>		<b>\$456,565.22</b>		
PUBLIC WORKS/CC TREAS	1517056427	11/18/2016	5,075.57	RF.CLA01B04.6 - ENVR	CCPW; 1017003848
	<b>WBS Total</b>		<b>\$5,075.57</b>		
	<b>Purchase Order Total</b>		<b>\$482,000.00</b>		
	<b>Project Expense Total</b>		<b>\$482,000.00</b>		

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**MAINTENANCE WORK PROGRAM  
FISCAL YEAR 2016-17 SECOND QUARTER STATUS REPORTS**

**RECOMMENDATION SUMMARY**

**STAFF:** Accept the reports.

**TECHNICAL ADVISORY:** To be heard at the February 23, 2017 meeting.

**CITIZENS ADVISORY:** To be heard at the February 27, 2017 meeting.

**RFCD AGENDA  
ITEM #08  
DATE: 02/09/17**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b>
MAINTENANCE WORK PROGRAM (MWP) – SECOND QUARTER FISCAL YEAR 2016-17 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 SECOND QUARTER FISCAL YEAR 2016-17 STATUS REPORTS AS SUBMITTED BY THE ENTITIES (FOR POSSIBLE ACTION)

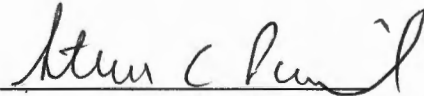
**FISCAL IMPACT:** None.

**BACKGROUND:** In accordance with the Board’s direction, the entities have submitted the Second Quarter Status Reports for the FY 2016-17 Maintenance Work Program (MWP). The reports indicate the status of work completed under the program through December 31, 2016, 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 Second Quarter Maintenance Work Program expenditures and the funding balance available by each Interlocal Contract for Fiscal Year 2016-17.

	FY 2016-17 Budget	Amount Spent	Funds Available
Boulder City	\$ 300,000.00	\$ 47,722.56	\$ 252,277.44
Clark County	4,363,700.00	965,794.59	3,397,905.41
Henderson	820,850.00	374,013.13	446,836.87
Las Vegas	2,625,000.00	182,826.69	2,442,173.31
Mesquite	627,700.00	456,220.83	171,479.17
North Las Vegas	1,717,500.00	641,702.46	1,075,797.54
<b>Totals</b>	<b>\$10,454,750.00</b>	<b>\$2,668,280.26</b>	<b>\$7,786,469.74</b>

Respectfully submitted,

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

TAC AGENDA ITEM # Date: 02/23/17	RFCD AGENDA ITEM #08 Date: 02/09/17
CAC AGENDA ITEM # Date: 02/27/17	



Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/30/17

**MAINTENANCE WORK PROGRAM  
SECOND QUARTER FISCAL YEAR 2016-17 STATUS REPORTS**

In accordance with the Board's direction, the entities have submitted the Second Quarter Status Reports for the FY 2016-17 Maintenance Work Program (MWP). The reports indicate the status of work completed under the program through December 31, 2016, 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 Second Quarter Maintenance Work Program expenditures and the funding balance available by each Interlocal Contract for Fiscal Year 2016-17.

	FY 2016-17 Budget	Amount Spent	Funds Available
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Clark County	4,363,700.00	965,794.59	3,397,905.41
Henderson	820,850.00	374,013.13	446,836.87
Las Vegas	2,625,000.00	182,826.69	2,442,173.31
Mesquite	627,700.00	456,220.83	171,479.17
North Las Vegas	1,717,500.00	641,702.46	1,075,797.54
<b>Totals</b>	<b>\$10,454,750.00</b>	<b>\$2,668,280.26</b>	<b>\$7,786,469.74</b>

**Staff Recommendation:**

Accept the reports.

**Discussion by Technical Advisory Committee:**

AGENDA  
# Date: 02/23/17

**Recommendation:**

**Discussion by Citizens Advisory Committee:**

AGENDA  
# Date: 02/27/17

**Recommendation:**

REGIONAL FLOOD CONTROL DISTRICT  
 MAINTENANCE WORK PROGRAM  
 QUARTERLY STATUS REPORT FY 2016-2017

MWP Facility #: **BC01**  
 Facility Name: **Hemenway Watershed**

Entity: **City of Boulder City**  
 Date Prepared: \_\_\_\_\_  
 Quarter: **2nd**

MP Facility ID: **HMFL - 0000, HMKY - 0000, 0019, HMLM - 0000, 0001, 0002, 0003, 0025, 0027, 0040, 0044, 0064, 0065, 0066, 0077, 0080, 0081, 0082, 0085, 0096, HMLV - 0000, 0001, 0003, 0005, 0006, 0018, 0019, 0031, 0055, 0060, 0065, HMNH - 0000, 0001, HMPC - 0000, 0011, 0018, 0026, HMRB - 0000, HMTH - 0000, 0025, 0026, 0027, 0033, 0034, 0040, 0041, 0054, 0064, 0076, HMLV - 0000, 0001, 0002, 0003, 0004, 0015, 0022, 0027, 0028, 0030, 0041, 0042, 0058, 0064, 0065, 0066, 0074, 0088, HMWA - 0000, 0004, 005, 0012, 0013, 0068, 0069, 0103, 0104, 0105, 0126, 0127, 0147, 0148, 0154, 0155, 0156, 0157, 0158, 0160, 0172, 0173, 0175, 0176, 0178, 0181, 0182, 0184, 0185**

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-17
	5 Inspect Channels	1,000.00	500.00	0.00	0%	Jun-17
	6 Inspect Levees/Detention and Debris Basins	500.00	500.00	0.00	0%	Jun-17
	8 Species Survey and Removal	0.00	0.00	0.00	0%	Jun-17
	10 Clean and Reshape Channels/Levees	17,000.00	5,000.00	1,758.76	35%	Jun-17
	15 Repair Lined Channel	5,000.00	2,000.00	0.00	0%	Jun-17
	20 Erosion Control and Repair	7,950.00	1,950.00	463.66	24%	Jun-17
	21 Provide/Maintain Dust Control	500.00	500.00	0.00	0%	Jun-17
	25 Clean Detention Debris Basins	5,000.00	5,000.00	0.00	0%	Jun-17
	35 Fence Repair	1,000.00	1,000.00	0.00	0%	Jun-17
	40 Vegetation Control - Chemical	3,000.00	3,000.00	1,026.62	34%	Jun-17
	45 Vegetation Control - Mechanical	33,000.00	35,000.00	33,902.91	97%	Jun-17
	50 Maintain Access Road	2,000.00	2,000.00	0.00	0%	Jun-17
	55 Clean & Inspect Inlet/Outlet Structures	3,000.00	2,500.00	609.78	24%	Jun-17
	60 Repair Inlet/Outlet Structures	5,000.00	1,200.00	0.00	0%	Jun-17
	65 Clean Storm Sewer Lines	1,000.00	500.00	0.00	0%	Jun-17
	70 Storm Sewer Repair	-	0.00	0.00	0%	Jun-17
	75 Clean/Flush Culverts & Bridges	2,200.00	500.00	0.00	0%	Jun-17
	80 Miscellaneous Work Activities	11,500.00	21,500.00	20,896.84	97%	Jun-17
	85 Engineering	1,500.00	17,500.00	16,246.75	93%	Jun-17
	<b>TOTALS</b>	<b>\$100,650.00</b>	<b>\$100,650.00</b>	<b>\$74,905.32</b>	<b>74%</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 2016-2017

MWP Facility #: **BC02**

Facility Name: **Georgia/Buchanan Watershed**

MP Facility ID: **GBAP - 0000, 0001, 0047, 0048, 0049, 0087, 0114, GBBC - 0001, 0002, 0003, 0030, 0031, 0047, 0048, 0062, 0063, 0108, 0109, 0110, 0146, 0148, 0149, 0150, 0151, 0152, 0153, 0172, GBCM - 0000, 0004, 0011, GBGR - 0000, 0001, 0002, 0036, 0040, 0100, 0111, 0112, 0130, 0131, 0188, 0203, 0215, 0217**

Entity: **City of Boulder City**

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

Quarter: **2nd**

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-17
	5 Inspect Channels	500.00	500.00	0.00	0%	Jun-17
	6 Inspect Levees/Detention and Debris Basins	-	-	0.00	0%	Jun-17
	8 Species Survey and Removal	-	-	0.00	0%	Jun-17
	10 Clean and Reshape Channels/Levees	20,000.00	5,000.00	1,640.00	33%	Jun-17
	15 Repair Lined Channel	12,000.00	2,000.00	0.00	0%	Jun-17
	20 Erosion Control and Repair	15,000.00	1,000.00	0.00	0%	Jun-17
	21 Provide/Maintain Dust Control	1,000.00	1,000.00	0.00	0%	Jun-17
	25 Clean Detention Debris Basins	-	-	0.00	0%	Jun-17
	35 Fence Repair	2,000.00	1,000.00	0.00	0%	Jun-17
	40 Vegetation Control - Chemical	3,000.00	1,000.00	451.05	45%	Jun-17
	45 Vegetation Control - Mechanical	10,000.00	5,000.00	2,361.93	47%	Jun-17
	50 Maintain Access Road	500.00	500.00	0.00	0%	Jun-17
	55 Clean & Inspect Inlet/Outlet Structures	5,000.00	3,000.00	1,685.22	56%	Jun-17
	60 Repair Inlet/Outlet Structures	9,000.00	64,000.00	63,240.00	99%	Jun-17
	65 Clean Storm Sewer Lines	1,000.00	1,000.00	0.00	0%	Jun-17
	70 Storm Sewer Repair	2,000.00	1,000.00	0.00	0%	Jun-17
	75 Clean/Flush Culverts & Bridges	3,000.00	1,000.00	0.00	0%	Jun-17
	80 Miscellaneous Work Activities	3,000.00	1,000.00	0.00	0%	Jun-17
	85 Engineering	2,000.00	1,000.00	0.00	0%	Jun-17
	<b>TOTALS</b>	<b>\$89,500.00</b>	<b>\$89,500.00</b>	<b>\$69,378.20</b>	<b>78%</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 2016-2017

MWP Facility #: BC03

Facility Name: North Railroad Watershed

MP Facility ID: NRBL - 0000, 0091, 0092, 0093, 0094, 0095, 0096, NRCN - 0000, NRIN - 0000, 0003, 0004, 0013, 0017, 0025, 0030, 0031, 0032, 0038, 0040, 0044, 0052, 0053, 0055, 0056, 0063, 0064, 0065, 0066, 0067, 0068, 0069, 0070, 0071, 0087, 0135, NRRR 0000, 0049, 0050, 0089,

Entity: City of Boulder City

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

Quarter: 2nd

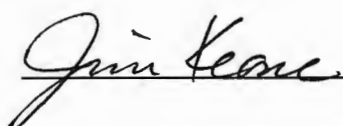
Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory	\$ 150.00	150.00	0.00	0%	Jun-17
	5 Inspect Channels	\$ 150.00	150.00	0.00	0%	Jun-17
	6 Inspect Levees/Detention and Debris Basins	\$ 150.00	150.00	0.00	0%	Jun-17
	8 Species Survey and Removal		-	0.00	0%	Jun-17
	10 Clean and Reshape Channels/Levees	2,200.00	2,200.00	0.00	0%	Jun-17
	15 Repair Lined Channel	250.00	250.00	0.00	0%	Jun-17
	20 Erosion Control and Repair	10,000.00	10,000.00	0.00	0%	Jun-17
	21 Provide/Maintain Dust Control	250.00	250.00	0.00	0%	Jun-17
	25 Clean Detention Debris Basins	50,800.00	50,250.00	0.00	0%	Jun-17
	35 Fence Repair	150.00	150.00	0.00	0%	Jun-17
	40 Vegetation Control - Chemical		-	0.00	0%	Jun-17
	45 Vegetation Control - Mechanical	150.00	150.00	0.00	0%	Jun-17
	50 Maintain Access Road	150.00	700.00	620.03	89%	Jun-17
	55 Clean & Inspect Inlet/Outlet Structures	400.00	400.00	229.77	57%	Jun-17
	60 Repair Inlet/Outlet Structures	500.00	500.00	0.00	0%	Jun-17
	65 Clean Storm Sewer Lines	500.00	500.00	0.00	0%	Jun-17
	70 Storm Sewer Repair		-	0.00	0%	Jun-17
	75 Clean/Flush Culverts & Bridges	500.00	500.00	0.00	0%	Jun-17
	80 Miscellaneous Work Activities	8,500.00	8,500.00	0.00	0%	Jun-17
	85 Engineering	50.00	50.00	0.00	0%	Jun-17
	<b>TOTALS</b>	<b>\$74,850.00</b>	<b>\$74,850.00</b>	<b>\$849.80</b>	<b>1%</b>	

Delays or problem areas:

Work completed during current quarter:

Work to be completed during next quarter:

Consultant/  
 Contractor:  
 Project  
 Manager:



Phone Number: 702-303-3008

REGIONAL FLOOD CONTROL DISTRICT  
 MAINTENANCE WORK PROGRAM  
 QUARTERLY STATUS REPORT FY 2016-2017

MWP Facility #: BC04  
 Facility Name: West Airport Watershed  
 MP Facility ID: WAAD - 0000, 0043, 0046, 0063, 0064, 0085, 0086, 0094, 0106, 0122,  
WAAP - 0111, 0171, WADD - 0167, WAGN - 0000, 0015, 0020, WAGR -  
0000, 0034, WARM - 0000,

Entity: City of Boulder City  
 Date Prepared: \_\_\_\_\_  
 Quarter: 2nd

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-17
	5 Inspect Channels	500.00	500.00	0.00	0%	Jun-17
	6 Inspect Levees/Detention and Debris Basins	0.00	-	0.00	0%	Jun-17
	8 Species Survey and Removal	0.00	-	0.00	0%	Jun-17
	10 Clean and Reshape Channels/Levees	1,000.00	1,000.00	0.00	0%	Jun-17
	15 Repair Lined Channel	500.00	500.00	0.00	0%	Jun-17
	20 Erosion Control and Repair	13,500.00	13,500.00	0.00	0%	Jun-17
	21 Provide/Maintain Dust Control	500.00	500.00	0.00	0%	Jun-17
	25 Clean Detention Debris Basins	500.00	500.00	0.00	0%	Jun-17
	35 Fence Repair	500.00	500.00	0.00	0%	Jun-17
	40 Vegetation Control - Chemical	1,000.00	1,000.00	0.00	0%	Jun-17
	45 Vegetation Control - Mechanical	5,000.00	5,000.00	3,165.17	63%	Jun-17
	50 Maintain Access Road	4,000.00	4,000.00	0.00	0%	Jun-17
	55 Clean & Inspect Inlet/Outlet Structures	1,500.00	1,500.00	534.90	36%	Jun-17
	60 Repair Inlet/Outlet Structures	1,500.00	1,500.00	0.00	0%	Jun-17
	65 Clean Storm Sewer Lines	0.00	-	0.00	0%	Jun-17
	70 Storm Sewer Repair	0.00	-	0.00	0%	Jun-17
	75 Clean/Flush Culverts & Bridges	2,000.00	2,000.00	0.00	0%	Jun-17
	80 Miscellaneous Work Activities	2,000.00	2,000.00	0.00	0%	Jun-17
	85 Engineering	500.00	500.00	0.00	0%	Jun-17
	<b>TOTALS</b>	<b>\$35,000.00</b>	<b>\$35,000.00</b>	<b>\$3,700.08</b>	<b>11%</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 2016 - 2017**

MWP Facility #: CC 01  
 Facility Name: Flamingo Wash  
 MP Facility ID: RRWA 0000-0777; RRHU 0000-0129; FLF2 0000-0137  
 MP Facility ID: FLWA 0000-1443; FLTR 0000-0341; FLDN 0000-0160  
 MP Facility ID: FLBF 0046-0328; FLJO 0000-0076; FLFA 0000-0037  
 MP Facility ID: FLSM 0000-0180; FLDR 0000-0179; FLFL 0000-0147  
 MP Facility ID: FLDI 0000-0105; RRR4 0000-0160; FLVV 0000-0090  
 MP Facility ID: FLF4 0000-0058; FLF1 0000-0304  
 MP Facility ID: FLRO 0000; RRFA 0000-0083; RRNN 0000-0022  
 MP Facility ID: RRNA 0000-0097; RRNS 0000-0010

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$15,000.00	\$15,000.00	\$0.00		
	5 Inspect Channels	\$10,000.00	\$10,000.00	\$7,755.23		
	6 Inspect Levees, Deten/Debris Basins	\$15,000.00	\$15,000.00	\$5,305.68		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$40,000.00	\$40,000.00	\$1,516.02		
	15 Repair Lined Channel	\$20,000.00	\$20,000.00	\$8,817.35		
	20 Erosion Control and Repair	\$10,000.00	\$10,000.00	\$0.00		
	21 Provide/Maintain Dust Control	\$150,000.00	\$80,000.00	\$0.00		
	25 Clean Detention/Debris Basins	\$200,000.00	\$142,000.00	\$0.00		
	35 Fence Repair	\$20,000.00	\$20,000.00	\$2,336.03		
	40 Vegetation Control - Chemical	\$20,000.00	\$20,000.00	\$0.00		
	45 Vegetation Control - Mechanical	\$5,000.00	\$5,000.00	\$0.00		
	50 Maintain Access Road	\$10,000.00	\$10,000.00	\$0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$25,000.00	\$25,000.00	\$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	\$350,000.00	\$350,000.00	\$130,130.57		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$906,500.00</b>	<b>\$778,500.00</b>	<b>\$155,860.88</b>	<b>20%</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:

Angelo Santovito

Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 02  
 Facility Name: Las Vegas Wash  
 MP Facility ID: LVMD 0640 - LVMD 1069  
 MP Facility ID: LVMD  
 MP Facility ID: NLWY 0000-0030  
 MP Facility ID: LV01 0000 - LV01 0079  
 MP Facility ID: LVCO 0000-0109  
 MP Facility ID: COLM 0000

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$3,500.00	\$3,500.00	\$1,171.89		
	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	\$20,000.00	\$123,500.00	\$123,231.62		
	15 Repair Lined Channel	\$2,500.00	\$12,500.00	\$10,129.49		
	20 Erosion Control and Repair	\$45,000.00	\$15,000.00	\$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	\$2,000.00	\$2,000.00	\$0.00		
	40 Vegetation Control - Chemical	\$10,000.00	\$10,000.00	\$0.00		
	45 Vegetation Control - Mechanical	\$25,000.00	\$23,000.00	\$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	\$15,000.00	\$16,500.00	\$15,477.64		
	85 Engineering	\$5,000.00	\$5,000.00	\$0.00		
	<b>TOTALS</b>	<b>\$131,500.00</b>	<b>\$214,500.00</b>	<b>\$150,010.64</b>	<b>70%</b>	

**Delays or problem areas:**

**Work completed during current quarter:**

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

Misc. maintenance of channels. Vegetation control south of Vegas Valley.  
 Maintenance work done by SNWA for weirs along the Las Vegas Wash Wetland area.

Consultant/  
 Contractor:  
 Project  
 Manager:

Angelo Santovito

Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 03  
 Facility Name: Duck Creek  
 MP Facility ID: DCWA 0000, 0168-0597; 0695-1293  
 MP Facility ID: DCBD 0000-0082  
 MP Facility ID: DCGL 0035; 0057-0179  
 MP Facility ID: DCPA 0000-0106  
 MP Facility ID: DCPI 0000  
 MP Facility ID: DCW4 0016-0054; 0870-0875

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$3,233.74		
	6 Inspect Levees, Deten/Debris Basins	\$8,000.00	\$8,000.00	\$2,686.85		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$35,000.00	\$35,000.00	\$777.45		
	15 Repair Lined Channel	\$5,000.00	\$5,000.00	\$0.00		
	20 Erosion Control and Repair	\$30,000.00	\$30,000.00	\$0.00		
	21 Provide/Maintain Dust Control	\$75,000.00	\$52,500.00	\$0.00		
	25 Clean Detention/Debris Basins	\$15,000.00	\$15,000.00	\$0.00		
	35 Fence Repair	\$4,000.00	\$4,000.00	\$1,756.09		
	40 Vegetation Control - Chemical	\$10,000.00	\$10,000.00	\$0.00		
	45 Vegetation Control - Mechanical	\$5,000.00	\$5,000.00	\$0.00		
	50 Maintain Access Road	\$5,000.00	\$5,000.00	\$843.60		
	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	\$2,500.00	\$2,500.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$1,500.00	\$1,463.29		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$80,000.00	\$80,000.00	\$72,665.74		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$284,500.00</b>	<b>\$263,500.00</b>	<b>\$83,426.76</b>	<b>32%</b>	

**Delays or problem areas:**

**Work completed during current quarter:**

**Work to be completed during next quarter:**  
 Misc. maintenance and cleaning of channels

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Angelo Santovito Phone Number: 455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 05  
 Facility Name: Las Vegas Range Wash  
 MP Facility ID: RWSL 0000-0728  
 MP Facility ID: RWWE 0000-0055  
 MP Facility ID: SLEB 0000-0098  
 MP Facility ID: SLLM 0000  
 MP Facility ID: SLOR 0000-0087; SLBN 0000  
 MP Facility ID: SLWA 0000-0091; SLER 0000-0086  
 MP Facility ID: SLCH 0000

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$3,500.00	\$3,500.00	\$2,796.36		
	6 Inspect Levees, Deten/Debris Basins	\$1,800.00	\$1,800.00	\$1,640.95		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$50,000.00	\$50,000.00	\$7,471.35		
	15 Repair Lined Channel	\$25,000.00	\$75,000.00	\$74,928.36		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$100,000.00	\$74,000.00	\$0.00		
	25 Clean Detention/Debris Basins	\$10,000.00	\$10,000.00	\$2,581.22		
	35 Fence Repair	\$10,000.00	\$10,000.00	\$2,751.09		
	40 Vegetation Control - Chemical	\$9,000.00	\$9,000.00	\$0.00		
	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	\$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	\$75,000.00	\$75,000.00	\$42,870.90		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$295,300.00</b>	<b>\$319,300.00</b>	<b>\$135,040.23</b>	<b>42%</b>	

**Delays or problem areas:**

**Work completed during current quarter:**

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

Consultant/ Contractor: \_\_\_\_\_  
 Project Manager: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 06  
 Facility Name: Tropicana Wash  
 MP Facility ID: TRWA 0000-0454  
 MP Facility ID: TRNB 0000-0040  
 MP Facility ID: TRBD 0000-0930  
 MP Facility ID: BDMO 0000-0010  
 MP Facility ID: BDMD 0121  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$3,000.00	\$3,000.00	\$1,778.75		
	6 Inspect Levees, Deten/Debris Basins	\$6,000.00	\$6,000.00	\$2,542.56		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$15,000.00	\$15,000.00	\$863.21		
	15 Repair Lined Channel	\$15,000.00	\$15,000.00	\$3,239.03		
	20 Erosion Control and Repair	\$7,500.00	\$7,500.00	\$0.00		
	21 Provide/Maintain Dust Control	\$130,000.00	\$130,000.00	\$0.00		
	25 Clean Detention/Debris Basins	\$60,000.00	\$60,000.00	\$0.00		
	35 Fence Repair	\$10,000.00	\$10,000.00	\$1,104.35		
	40 Vegetation Control - Chemical	\$5,000.00	\$5,000.00	\$0.00		
	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	\$75,000.00	\$75,000.00	\$56,198.29		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$345,000.00</b>	<b>\$345,000.00</b>	<b>\$65,726.19</b>	<b>19%</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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 07  
 Facility Name: Airport Channel  
 MP Facility ID: TRMC 0000-0290  
 MP Facility ID: WGTR 0065-0169  
 MP Facility ID: CNWE 0000-0301  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$1,500.00	\$1,500.00	\$0.00		
	5 Inspect Channels	\$1,500.00	\$1,500.00	\$281.29		
	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	\$7,000.00	\$7,000.00	\$0.00		
	15 Repair Lined Channel	\$10,000.00	\$10,000.00	\$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	\$1,000.00	\$1,000.00	\$0.00		
	40 Vegetation Control - Chemical	\$1,000.00	\$1,000.00	\$0.00		
	45 Vegetation Control - Mechanical	\$2,500.00	\$2,500.00	\$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	\$1,500.00	\$1,500.00	\$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	\$20,000.00	\$20,000.00	\$12,377.01		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$48,000.00</b>	<b>\$48,000.00</b>	<b>\$12,658.30</b>	<b>26%</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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

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

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$258.49		
	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	\$3,968.08		
	15 Repair Lined Channel	\$175,000.00	\$175,000.00	\$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	\$0.00		
	45 Vegetation Control - Mechanical	\$20,000.00	\$20,000.00	\$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	\$50,000.00	\$50,000.00	\$0.00		
	75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
	80 Miscellaneous Work Activities	\$10,000.00	\$10,000.00	\$1,684.32		
	85 Engineering	\$25,000.00	\$25,000.00	\$0.00		
	<b>TOTALS</b>	<b>\$294,700.00</b>	<b>\$294,700.00</b>	<b>\$5,910.89</b>	<b>2%</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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

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

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$2,500.00	\$2,500.00	\$0.00		
	5 Inspect Channels	\$2,500.00	\$2,500.00	\$773.37		
	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	\$0.00		
	15 Repair Lined Channel	\$450,000.00	\$450,000.00	\$0.00		
	20 Erosion Control and Repair	\$0.00	\$0.00	\$0.00		
	21 Provide/Maintain Dust Control	\$20,000.00	\$20,000.00	\$0.00		
	25 Clean Detention/Debris Basins	\$0.00	\$0.00	\$0.00		
	35 Fence Repair	\$30,000.00	\$30,000.00	\$0.00		
	40 Vegetation Control - Chemical	\$2,000.00	\$2,000.00	\$0.00		
	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	\$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	\$20,000.00	\$20,000.00	\$13,012.32		
	85 Engineering	\$1,500.00	\$1,500.00	\$0.00		
	<b>TOTALS</b>	\$540,500.00	\$540,500.00	\$13,785.69	3%	

**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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

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

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$546.49		
	6 Inspect Levees, Deten/Debris Basins	\$2,000.00	\$2,000.00	\$585.82		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$2,500.00	\$2,500.00	\$0.00		
	15 Repair Lined Channel	\$2,500.00	\$2,500.00	\$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	\$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	\$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	\$10,000.00	\$10,000.00	\$3,297.17		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$33,000.00</b>	<b>\$33,000.00</b>	<b>\$4,429.48</b>	<b>13%</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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

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

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$2,500.00	\$2,500.00	\$0.00		
	5 Inspect Channels	\$2,500.00	\$2,500.00	\$160.72		
	6 Inspect Levees, Deten/Debris Basins	\$0.00	\$1,000.00	\$677.68		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$5,000.00	\$5,000.00	\$0.00		
	15 Repair Lined Channel	\$1,000,000.00	\$1,000,000.00	\$544,971.50		
	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	\$0.00		
	35 Fence Repair	\$1,500.00	\$1,500.00	\$0.00		
	40 Vegetation Control - Chemical	\$1,500.00	\$1,500.00	\$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	\$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	\$20,000.00	\$20,000.00	\$149.87		
	85 Engineering	\$10,000.00	\$10,000.00	\$0.00		
	<b>TOTALS</b>	<b>\$1,053,000.00</b>	<b>\$1,054,000.00</b>	<b>\$545,959.77</b>	<b>52%</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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 14  
 Facility Name: Laughlin Washes  
 MP Facility ID: LUBC 0000-0324  
 MP Facility ID: LUED 0000-0019  
 MP Facility ID: LUHS 0000-0242  
 MP Facility ID: LUUW 0000-0150  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$562.57		
	6 Inspect Levees, Deten/Debris Basins	\$2,500.00	\$2,500.00	\$642.93		
	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	\$20,000.00	\$20,000.00	\$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	\$458.10		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	\$37,000.00	\$37,000.00	\$1,663.60	4%	

**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: Angelo Santovito Phone Number: 455-7540



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 15  
 Facility Name: Moapa Valley  
 MP Facility ID: LWAW 0000  
 MP Facility ID: GASD 0000-0058  
 MP Facility ID: MRLV 0276-0105; 0375; 0534-0537  
 MP Facility ID: MRLI 0000  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$1,367.37		
	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	\$10,000.00	\$16,000.00	\$15,610.27		
	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	\$0.00	\$0.00	\$0.00		
	40 Vegetation Control - Chemical	\$2,000.00	\$2,000.00	\$0.00		
	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	\$50,000.00	\$50,000.00	\$742.10		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$68,500.00</b>	<b>\$74,500.00</b>	<b>\$17,719.74</b>	<b>24%</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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 16  
 Facility Name: Blue Diamond Wash  
 MP Facility ID: BDWA 0000-0205; 0394-0429  
 MP Facility ID: BD02 0000-0111  
 MP Facility ID: BD03 0000-0075  
 MP Facility ID: BDBE 0000-0068  
 MP Facility ID: BDJO 0000-0005  
 MP Facility ID: BDRB 0000-0122

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$3,500.00	\$3,500.00	\$1,133.33		
	6 Inspect Levees, Deten/Debris Basins	\$2,000.00	\$2,000.00	\$996.80		
	8 Species Survey and Removal	\$0.00	\$0.00	\$0.00		
	10 Clean and Reshape Channels/Levees	\$10,000.00	\$10,000.00	\$1,123.68		
	15 Repair Lined Channel	\$10,000.00	\$10,000.00	\$0.00		
	20 Erosion Control and Repair	\$15,000.00	\$15,000.00	\$0.00		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$50,000.00	\$50,000.00	\$0.00		
	35 Fence Repair	\$2,000.00	\$2,000.00	\$0.00		
	40 Vegetation Control - Chemical	\$2,000.00	\$2,000.00	\$210.13		
	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	\$1,500.00	\$1,500.00	\$0.00		
	70 Storm Sewer Line Repair	\$0.00	\$0.00	\$0.00		
	75 Clean/Flush Culyverts & Bridges	\$1,500.00	\$1,500.00	\$0.00		
	80 Miscellaneous Work Activities	\$40,000.00	\$40,000.00	\$25,453.36		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$147,000.00</b>	<b>\$147,000.00</b>	<b>\$28,917.30</b>	<b>20%</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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 17  
 Facility Name: Searchlight  
 MP Facility ID: SREA 0000-0051  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$500.00	\$550.00	\$516.96		
	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	\$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	\$0.00	\$0.00	\$0.00		
	40 Vegetation Control - Chemical	\$0.00	\$0.00	\$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		
	<b>TOTALS</b>	<b>\$2,000.00</b>	<b>\$2,050.00</b>	<b>\$516.96</b>	<b>25%</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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 18  
 Facility Name: Bunkerville  
 MP Facility ID: WIWA 0000-0038  
 MP Facility ID: JEWA 0165  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$1,000.00	\$1,000.00	\$218.31		
	6 Inspect Levees, Deten/Debris Basins	\$1,200.00	\$1,200.00	\$1,154.47		
	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	\$19,900.00	\$17,743.03		
	21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
	25 Clean Detention/Debris Basins	\$5,000.00	\$5,000.00	\$0.00		
	35 Fence Repair	\$2,500.00	\$2,500.00	\$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		
	<b>TOTALS</b>	\$12,700.00	\$32,600.00	\$19,115.81	59%	

**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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 19  
 Facility Name: Pittman  
 MP Facility ID: PTWA 0476-0738  
 MP Facility ID: PTBL 0000-0157  
 MP Facility ID: PTDC 0000-0013  
 MP Facility ID: PTWB 0000-0016  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$17,000.00	\$13,423.26		
	5 Inspect Channels	\$3,000.00	\$3,000.00	\$1,033.99		
	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	\$5,000.00	\$5,000.00	\$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	\$2,000.00	\$2,000.00	\$0.00		
	40 Vegetation Control - Chemical	\$2,500.00	\$2,500.00	\$0.00		
	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	\$25,000.00	\$25,000.00	\$5,775.01		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$52,500.00</b>	<b>\$67,500.00</b>	<b>\$20,232.26</b>	<b>30%</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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 20  
 Facility Name: Indian Springs  
 MP Facility ID: ISWE 0100-0101  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_  
 MP Facility ID: \_\_\_\_\_

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$1,000.00	\$1,000.00	\$0.00		
	6 Inspect Levees, Deten/Debris Basins	\$1,000.00	\$1,050.00	\$1,016.57		
	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	\$5,000.00	\$5,000.00	\$0.00		
	35 Fence Repair	\$0.00	\$0.00	\$0.00		
	40 Vegetation Control - Chemical	\$0.00	\$0.00	\$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	\$3,000.00	\$3,000.00	\$0.00		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$11,000.00</b>	<b>\$11,050.00</b>	<b>\$1,016.57</b>	<b>9%</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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT - FY 2016 - 2017**

MWP Facility #: CC 21  
 Facility Name: Northern Beltway  
 MP Facility ID: CNWE 0000-0301 EKEA 0056-0338  
 MP Facility ID: GOBE 0000-0139 GOBW 0000-0048  
 MP Facility ID: GOL3 0000-0100 GOL5 0000-0032  
 MP Facility ID: GONO 0230-0335 RCBC 0000-0140  
 MP Facility ID: RCHB 0065-0198 RWWE 0493-0517  
 MP Facility ID: RWBE 0000 RWBW 0030

Entity: CLARK COUNTY  
 Date Prepared: 1/30/2017  
 Quarter: 2nd 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	\$2,997.45		
	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	\$10,000.00	\$10,000.00	\$0.00		
	15 Repair Lined Channel	\$2,000.00	\$2,000.00	\$0.00		
	20 Erosion Control and Repair	\$30,000.00	\$30,000.00	\$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	\$5,000.00	\$5,000.00	\$1,585.00		
	40 Vegetation Control - Chemical	\$5,000.00	\$5,000.00	\$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	\$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	\$40,000.00	\$40,000.00	\$8,013.45		
	85 Engineering	\$0.00	\$0.00	\$0.00		
	<b>TOTALS</b>	<b>\$101,000.00</b>	<b>\$101,000.00</b>	<b>\$12,595.90</b>	<b>12%</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: Angelo Santovito Phone Number: 455-7540

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 01  
 Facility Name: C-1 CHANNEL  
 MP Facility ID: C1CH 0000-0674

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$1,500.00	\$5,086.79	\$5,086.79	100%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$44,800.00	\$103,706.81	\$103,706.81	100%	
15	Repair Lined Channel	\$15,000.00	\$500.00	\$0.00	0%	
20	Erosion Control and Repair	\$2,000.00	\$500.00	\$381.71	76%	
21	Provide/Maintain Dust Control	\$5,000.00	\$7,570.54	\$7,570.54	100%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$10,000.00	\$6,587.20	\$6,587.20	100%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$10,000.00	\$6,106.86	\$6,106.86	100%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities		\$89.18	\$89.18	100%	
85	Engineering		\$1,418.54	\$1,418.54	100%	
<b>TOTALS</b>		\$88,300.00	\$131,565.92	\$130,947.63		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed maintenance.

Work to be completed during current fiscal year:

Act 10 - Clean channel and dispose material. Activity 21 - Provide/Maintain Dust Control; Act 45 - Remove and dispose of vegetation along unlined banks of channel, at riprap lined sections, and at joints.

Consultant/  
 Contractor:  
 Project  
 Manager: Albert J. Jankowiak

(702) 267-3024



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 02  
 Facility Name: GREENWAY CHANNEL  
 MP Facility ID: C1GW 0000-0081

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$514.00	\$514.00	100%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$8,000.00	\$967.52	\$967.52	100%	
15	Repair Lined Channel					
20	Erosion Control and Repair		\$1,297.48	\$1,297.48	100%	
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$2,000.00	\$500.00	\$324.13	65%	
40	Vegetation Control - Chemical		\$343.08	\$343.08	100%	
45	Vegetation Control - Mechanical	\$2,000.00	\$500.00	\$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	\$7,629.03	\$7,629.03	100%	
80	Miscellaneous Work Activities					
85	Engineering		\$126.72	\$126.72	100%	
<b>TOTALS</b>		\$13,500.00	\$11,877.83	\$11,201.96		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed maintenance.

Work to be completed during current fiscal year:

Act 10 - Clean channel and dispose of material. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 03  
 Facility Name: VAN WAGENEN CHANNEL  
 MP Facility ID: PTVW 0010-0180

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$40.36	13%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00		\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$500.00		\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$1,300.00	\$0.00	\$40.36		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

Act 10 - Remove sediment, debris, and vegetation in open channel and dispose of material. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 04  
 Facility Name: GIBSON CHANNEL  
 MP Facility ID: PTGB 0058-0249

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$437.19	87%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$5,000.00	\$2,428.31	\$2,428.31	100%	
15	Repair Lined Channel					
20	Erosion Control and Repair	\$1,000.00	\$500.00	\$0.00	0%	
21	Provide/Maintain Dust Control	\$500.00	\$500.00	\$0.00	0%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$2,000.00	\$2,365.28	\$2,365.28	100%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$1,000.00	\$500.00	\$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		\$7,893.77	\$4,893.77	62%	
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$10,000.00	\$14,687.36	\$10,124.55		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed activities.

Work to be completed during current fiscal year:

Act 10 - Remove sediment, debris, and vegetation in open channel and dispose of material. General maintenance activities.

Consultant/  
 Contractor:  
 Project  
 Manager: Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 05  
 Facility Name: LOWER PITTMAN CHANNEL  
 MP Facility ID: PTDC 0013-0237

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$1,500.00	\$1,000.00	\$409.79	41%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$15,000.00	\$3,141.24	\$3,141.24	100%	
15	Repair Lined Channel	\$10,000.00	\$2,500.00	\$0.00	0%	
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$5,000.00	\$1,711.31	\$1,711.31	100%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$1,000.00	\$1,000.00	\$319.92	32%	
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	\$500.00	\$500.00	\$471.19	94%	
85	Engineering					
<b>TOTALS</b>		\$33,000.00	\$9,852.55	\$6,053.45		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

Act 10 - Clean channel and dispose material. Activity 21 - Provide/Maintain Dust Control; Act 45 - Remove and dispose of vegetation along unlined banks of channel, at riprap lined sections, and at joints.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 06  
 Facility Name: UPPER PITTMAN WASH  
 MP Facility ID: PTWA 0000-0047 & 0055-0476

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$1,500.00	\$7,343.44	\$7,343.44	100%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$20,000.00	\$15,000.00	\$12,204.09	81%	
15	Repair Lined Channel	\$10,000.00	\$50,000.00	\$47,400.32	95%	
20	Erosion Control and Repair	\$30,000.00	\$30,000.00	\$28,298.96	94%	
21	Provide/Maintain Dust Control	\$5,000.00	\$2,387.25	\$2,387.25	100%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$1,000.00	\$6,884.18	\$6,884.18	100%	
40	Vegetation Control - Chemical	\$5,000.00	\$0.00	\$0.00	0%	
45	Vegetation Control - Mechanical	\$5,000.00	\$21,918.52	\$21,918.52	100%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges		\$18,103.37	\$18,103.37	100%	
80	Miscellaneous Work Activities		\$239.39	\$239.39	100%	
85	Engineering	\$5,000.00	\$14,811.81	\$14,811.81	100%	
<b>TOTALS</b>		<b>\$82,500.00</b>	<b>\$166,687.96</b>	<b>\$159,591.33</b>		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed maintenance.

Work to be completed during current fiscal year:

Act 10 - Clean channel and dispose material. Activity 21 - Provide/Maintain Dust Control; Act 45 - Remove and dispose of vegetation along unlined banks of channel, at riprap lined sections, and at joints.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 07  
 Facility Name: UPRR CHANNEL  
 MP Facility ID: PTRW 0000-0131

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$40.16	8%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$2,500.00	\$500.00	\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$2,000.00	\$500.00	\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$2,000.00	\$500.00	\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities		\$357.64	\$357.64	100%	
	85 Engineering					
<b>TOTALS</b>		\$7,000.00	\$2,357.64	\$397.80		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**  
 Completed programmed maintenance.

**Work to be completed during current fiscal year:**  
 Act 10 - Clean channel and dispose material. Activity 21 - Provide/Maintain Dust Control; Act 45 - Remove and dispose of vegetation along unlined banks of channel, at riprap lined sections, and at joints.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 08  
 Facility Name: SANDWEDGE CHANNEL  
 MP Facility ID: PTSW 0000-0129

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$382.83	77%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$2,000.00	\$1,000.00	\$0.00	0%	
	15 Repair Lined Channel	\$10,000.00	\$5,000.00	\$0.00	0%	
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$500.00	\$500.00	\$0.00	0%	
	25 Clean Detention/Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$3,000.00	\$3,000.00	\$1,017.03	34%	
	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					
	85 Engineering					
<b>TOTALS</b>		\$16,000.00	\$10,000.00	\$1,399.86		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

Act 10 - Clean channel and dispose material. Activity 21 - Provide/Maintain Dust Control; Act 45 - Remove and dispose of vegetation along unlined banks of channel, at riprap lined sections, and at joints.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 09  
 Facility Name: WHITNEY RANCH CHANNEL  
 MP Facility ID: WWDC 0000-0098

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$1,039.78	\$1,039.78	100%	
	6 Inspect Levees/Orientation and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$8,000.00	\$500.00	\$0.00	0%	
	15 Repair Lined Channel	\$10,000.00	\$500.00	\$0.00	0%	
	20 Erosion Control and Repair		\$4,309.42	\$4,309.42	100%	
	21 Provide/Maintain Dust Control		\$1,427.45	\$1,427.45	100%	
	25 Clean Detention/Debris Basins					
	35 Fence Repair		\$3,509.76	\$3,509.76	100%	
	40 Vegetation Control - Chemical		\$0.00			
	45 Vegetation Control - Mechanical	\$2,000.00	\$15,840.42	\$15,840.42	100%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering		\$489.45	\$489.45	100%	
	<b>TOTALS</b>	<b>\$18,500.00</b>	<b>\$27,610.28</b>	<b>\$28,610.28</b>		<b>Jun-2017</b>

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed activities.

Work to be completed during current fiscal year:

Act 10 - Clean channel and dispose of material. Act 45 - Remove vegetation and dispose of material. General maintenance activities.

Consultant/  
 Contractor:  
 Project  
 Manager: Albert J. Jankowski

(702) 267-3024



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 10  
 Facility Name: DUCK CREEK CHANNEL  
 MP Facility ID: DCWA 0646-0669

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$161.42	\$161.42	100%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$2,000.00	\$155.05	\$155.05	100%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical		\$2,881.38	\$2,881.38	100%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities		\$183.33	\$183.33	100%	
	85 Engineering		\$126.72	\$126.72	100%	
	<b>TOTALS</b>	\$2,500.00	\$3,507.90	\$3,507.90		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

Act 10 - Clean channel and dispose of material. Act 45 - Remove vegetation and dispose of material. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 11  
 Facility Name: MISSION HILLS DETENTION BASIN  
 MP Facility ID: C1CH 0686-0854 & 0882

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$0.00	0%	
6	Inspect Levees/Detention and Debris Basins	\$2,500.00	\$2,500.00	\$1,542.14	62%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00	\$626.02	\$626.02	100%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$500.00	\$500.00	\$0.00	0%	
25	Clean Detention/Debris Basins	\$125,000.00	\$5,000.00	\$2,125.37	43%	
35	Fence Repair	\$500.00	\$500.00	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$500.00	\$1,356.37	\$1,356.37	100%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$450.00	\$450.00	\$0.00	0%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities	\$5,000.00	\$5,000.00	\$0.00	0%	
85	Engineering	\$15,000.00	\$15,000.00	\$519.36	3%	
<b>TOTALS</b>		\$150,450.00	\$31,432.39	\$6,169.26		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

Act 25-Remove accumulated sediment and reshape detention basin bottom to contours on approved plan, Act 80 - Survey for reshaping basin bottom. Act 85 - Engineering support for reshaping basin bottom, Maintain EAP. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 12  
 Facility Name: RAILROAD EAST CHANNEL  
 MP Facility ID: PTRE 0000-0246

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$229.54	46%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$1,000.00	\$500.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair		\$1,615.05	\$1,615.05	100%	
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins	\$1,000.00	\$500.00	\$0.00	0%	
35	Fence Repair		\$81.33	\$81.33	100%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$1,000.00	\$500.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering		\$500.00	\$126.72	25%	
<b>TOTALS</b>		\$3,500.00	\$4,196.38	\$2,052.64		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

Act 10 - Clean channel and dispose of material. Act 45 - Remove vegetation and dispose of material. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 13  
 Facility Name: MACDONALD RANCH CHANNEL  
 MP Facility ID: PTMR 0000-0399

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$466.66	93%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$5,000.00	\$5,000.00	\$0.00	0%	
15	Repair Lined Channel		\$1,578.88	\$1,578.88	100%	
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$1,000.00	\$1,000.00	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$1,000.00	\$1,000.00	\$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		\$1,826.84	\$1,826.84	100%	
80	Miscellaneous Work Activities		\$3,787.01	\$3,787.01	100%	
85	Engineering					
<b>TOTALS</b>		\$7,500.00	\$14,692.73	\$7,659.39		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 14  
 Facility Name: DRAKE CHANNEL  
 MP Facility ID: C1DC 0000-0101

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$20.18	4%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$1,000.00	\$500.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$500.00	\$500.00	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering		\$11,317.45	\$11,317.45	100%	
<b>TOTALS</b>		\$2,000.00	\$12,817.45	\$11,337.63		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed other programmed activities.

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

Act 10 - Clean channel and dispose of material. Act 45 - Remove vegetation and dispose of material. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 15  
 Facility Name: I-515 CHANNEL  
 MP Facility ID: PTIS 0000-0258

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$246.06	49%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$1,000.00	\$500.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$1,000.00	\$500.00	\$0.00	0%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$1,000.00	\$500.00	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities		\$337.79	\$337.79	100%	
85	Engineering		\$508.72	\$508.72	100%	
<b>TOTALS</b>		\$3,500.00	\$2,846.51	\$1,092.57		Jun-2017

**Delays or Problem Areas:**

Work completed during prior fiscal year:

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 16  
 Facility Name: EASTERN CHANNEL  
 MP Facility ID: PTEA 0000-0210, 0291, & 0500-0755

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$479.23	96%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$5,000.00	\$5,000.00	\$643.00	13%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$1,500.00	\$1,500.00	\$0.00	0%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$2,000.00	\$2,000.00	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$3,000.00	\$3,000.00	\$1,339.32	45%	
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	\$2,000.00	\$713.28	\$0.00	0%	
80	Miscellaneous Work Activities					
85	Engineering		\$10,993.47	\$10,993.47	100%	
<b>TOTALS</b>		\$14,000.00	\$23,706.75	\$13,455.02		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 17  
 Facility Name: WESTERN INTERCEPTOR  
 MP Facility ID: C1CH 0871-0972

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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		\$19.83	4%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees					
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$1,000.00		\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$2,000.00		\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$3,500.00	\$0.00	\$19.83		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 18  
 Facility Name: EQUESTRIAN DETENTION BASIN  
 MP Facility ID: C1EQ 0152-0297, C1E1 0000-0002

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$0.00	0%	
6	Inspect Levees/Detention and Debris Basins	\$2,000.00	\$2,000.00	\$1,234.35	62%	
8	Species Survey and Removal	\$5,000.00	\$5,000.00	\$0.00	0%	
10	Clean and Reshape Channels/Levees					
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$1,000.00	\$1,000.00	\$0.00	0%	
25	Clean Detention/Debris Basins	\$10,000.00	\$10,000.00	\$0.00	0%	
35	Fence Repair	\$1,000.00	\$1,000.00	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$1,000.00	\$1,000.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities		\$118.39	\$118.39	100%	
85	Engineering	\$10,000.00	\$9,881.61	\$259.68	3%	
<b>TOTALS</b>		<b>\$30,500.00</b>	<b>\$30,500.00</b>	<b>\$1,612.42</b>		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed activities.

Work to be completed during current fiscal year:

Act 85 - Miscellaneous planning, engineering and project management to ensure levee maintenance and repairs meet FEMA criteria. General maintenance activities. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 19  
 Facility Name: SUNRIDGE CHANNEL  
 MP Facility ID: PTPW 0000-0262

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$140.30	28%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$5,000.00	\$2,500.00	\$0.00	0%	
15	Repair Lined Channel	\$10,000.00	\$5,000.00	\$0.00	0%	
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$2,000.00	\$2,318.72	\$2,318.72	100%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$1,000.00	\$3,028.89	\$3,028.89	100%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures		\$519.35	\$519.35	100%	
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities		\$670.30	\$670.30	100%	
85	Engineering					
<b>TOTALS</b>		\$18,500.00	\$14,537.26	\$6,677.56		Jun-2017

**Delays or Problem Areas:**

Work completed during prior fiscal year:

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 20  
 Facility Name: PITTMAN WASH RAILROAD CHANNEL  
 MP Facility ID: PTRR 0000-0135

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$40.86	8%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$1,000.00	\$500.00	\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$500.00	\$500.00	\$0.00	0%	
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$2,500.00	\$2,500.00	\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$1,000.00	\$1,000.00	\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities		\$88.81	\$88.81	100%	
	85 Engineering		\$647.55	\$647.55	100%	
<b>TOTALS</b>		\$5,500.00	\$5,736.36	\$777.22		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 21  
 Facility Name: PITTMAN PARK DETENTION BASIN  
 MP Facility ID: PTWA 0048 - 0050

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
	3 Facility Assessment and Inventory					
	5 Inspect Channels					
	6 Inspect Levees/Detention and Debris Basins	\$1,000.00	\$787.70	\$787.70	100%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair		\$2,500.00	\$2,227.26	89%	
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins	\$2,000.00	\$1,000.00	\$236.98	24%	
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering	\$1,000.00	\$126.72	\$126.72	100%	
<b>TOTALS</b>		<b>\$4,000.00</b>	<b>\$4,414.42</b>	<b>\$3,878.06</b>		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 22  
 Facility Name: PITTMAN WASH BURNS  
 MP Facility ID: PTBR 0020-0175

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$175.12	35%	
6	Inspect Levees/Detention and Debris Basins		\$500.00	\$0.00	0%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$2,000.00	\$2,000.00	\$1,664.23	83%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$5,000.00	\$4,500.00	\$142.97	3%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$2,000.00	\$2,000.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$9,500.00	\$9,500.00	\$1,982.32		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 24  
 Facility Name: PITTMAN PECOS CHANNEL  
 MP Facility ID: PTPE 0000-0166

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$2,747.18	\$2,747.18	100%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$3,000.00	\$30,564.51	\$30,564.51	100%	
15	Repair Lined Channel					
20	Erosion Control and Repair		\$5,405.90	\$5,405.90	100%	
21	Provide/Maintain Dust Control		\$3,758.17	\$3,758.17	100%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$1,000.00	\$307.32	\$307.32	100%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges		\$1,134.26	\$1,134.26	100%	
80	Miscellaneous Work Activities		\$160.89	\$160.89	100%	
85	Engineering		\$128.54	\$128.54	100%	
<b>TOTALS</b>		\$4,500.00	\$44,206.77	\$44,206.77		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed activities.

Work to be completed during current fiscal year:

Act 10 - Clean channel and dispose of material. Act 45 - Remove vegetation and dispose of material. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 25  
 Facility Name: BLACK MOUNTAIN DETENTION BASIN  
 MP Facility ID: C1CH 1012-1138

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$0.00	0%	
6	Inspect Levees/Detention and Debris Basins	\$1,500.00	\$1,281.37	\$1,281.37	100%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees					
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$500.00	\$500.00	\$0.00	0%	
25	Clean Detention/Debris Basins	\$2,000.00	\$500.00	\$0.00	0%	
35	Fence Repair	\$1,000.00	\$500.00	\$400.01	80%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$1,000.00	\$500.00	\$0.00	0%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering	\$10,000.00	\$1,000.00	\$126.72	13%	
<b>TOTALS</b>		<b>\$16,500.00</b>	<b>\$4,781.37</b>	<b>\$1,808.10</b>		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed activities.

Work to be completed during current fiscal year:

Act 85 - Act 85 - 5-yr major update of EAP information. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 26  
 Facility Name: EAST C-1 DB & BERM, C-1 CHANNEL-HAVRE  
 MP Facility ID: C1DC 0298-0303, C1HV 0000-0300

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels	\$500.00	\$0.00	\$0.00	0%	
6	Inspect Levees/Detention and Debris Basins	\$4,600.00	\$3,000.00	\$2,654.46	88%	
8	Species Survey and Removal	\$5,000.00	\$5,000.00	\$0.00	0%	
10	Clean and Reshape Channels/Levees	\$5,000.00	\$5,000.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$1,000.00	\$500.00	\$0.00	0%	
25	Clean Detention/Debris Basins	\$5,000.00	\$3,000.00	\$0.00	0%	
35	Fence Repair	\$1,000.00	\$500.00	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$1,000.00	\$1,000.00	\$0.00	0%	
50	Maintain Access Road	\$5,000.00	\$5,000.00	\$0.00	0%	
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering	\$20,000.00	\$15,743.68	\$0.00	0%	
<b>TOTALS</b>		<b>\$48,100.00</b>	<b>\$38,743.68</b>	<b>\$2,654.46</b>		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

Act 8 & 10 - Clean-up debris associated with storm damage. Act 85 - Miscellaneous planning, engineering and project management to ensure levee maintenance and repairs meet FEMA criteria; 5-yr major update of EAP information. General maintenance activities.

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



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 27  
 Facility Name: McCULLOUGH HILLS DETENTION BASIN  
 MP Facility ID: PTPW 0307-0309

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

Force Account/ Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels					
6	Inspect Levees/Detention and Debris Basins	\$2,000.00	\$2,000.00	\$995.16	50%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees					
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins	\$2,000.00	\$2,000.00	\$0.00	0%	
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$1,000.00	\$1,000.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$1,000.00	\$1,519.53	\$1,519.53	100%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering	\$10,000.00	\$1,512.07	\$126.72	8%	
<b>TOTALS</b>		\$16,000.00	\$8,031.60	\$2,641.41		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed asset management inspections. Completed programmed maintenance.

Work to be completed during current fiscal year:

Act 85 - 5-yr major update of EAP information. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 28  
 Facility Name: PIONEER DETENTION BASIN  
 MP Facility ID: PTVW 0183 - 0187

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$20.19	4%	
6	Inspect Levees/Detention and Debris Basins	\$1,500.00	\$1,500.00	\$1,171.16	78%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees					
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$1,000.00	\$500.00	\$0.00	0%	
25	Clean Detention/Debris Basins	\$20,000.00	\$6,000.00	\$5,305.46	88%	
35	Fence Repair	\$1,000.00	\$500.00	\$282.23	56%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$500.00	\$500.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$2,500.00	\$500.00	\$0.00	0%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering	\$10,000.00	\$1,000.00	\$253.44	25%	
<b>TOTALS</b>		<b>\$37,000.00</b>	<b>\$11,000.00</b>	<b>\$7,032.48</b>		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

Act 85 - 5-yr major update of EAP information. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 29  
 Facility Name: PITTMAN EAST DETENTION BASIN  
 MP Facility ID: PTEA 0437-0493

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

Force Account/Contract	Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Total Expenditures (\$)	Percent Complete	Scheduled Completion Date
3	Facility Assessment and Inventory					
5	Inspect Channels					
6	Inspect Levees/Detention and Debris Basins	\$4,000.00	\$4,000.00	\$3,494.47	87%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$1,000.00	\$1,000.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control	\$1,000.00	\$1,170.49	\$1,170.49	100%	
25	Clean Detention/Debris Basins	\$2,000.00	\$8,996.65	\$8,996.65	100%	
35	Fence Repair	\$50,000.00	\$42,865.34	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
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					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering	\$10,000.00	\$6,000.00	\$126.72	2%	
<b>TOTALS</b>		<b>\$69,000.00</b>	<b>\$65,032.48</b>	<b>\$13,788.33</b>		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

Act 85 - 5-yr major update of EAP information. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 30  
 Facility Name: SAGUARO PARK/DOWNS CHANNEL  
 MP Facility ID: C1EQ 0000-0151

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00	\$300.00	\$20.43	7%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00	\$500.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical		\$573.05	\$573.05	100%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$800.00	\$1,373.05	\$593.48		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed activities.

Work to be completed during current fiscal year:

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 31  
 Facility Name: C-1 CHANNEL - US 95  
 MP Facility ID: C1US 0000-0078

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00	\$300.00	\$236.53	79%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$1,000.00	\$2,179.34	\$2,179.34	100%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair		\$87.32	\$87.32	100%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical		\$2,317.31	\$2,317.31	100%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering					
<b>TOTALS</b>		\$1,300.00	\$4,883.97	\$4,820.50		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 32  
 Facility Name: C-1 CHANNEL BOULDER HIGHWAY  
 MP Facility ID: C1BH 0000-0302

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$97.65	20%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$1,000.00	\$1,000.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$3,000.00	\$2,500.00	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$3,000.00	\$2,500.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering		\$126.72	\$126.72	100%	
<b>TOTALS</b>		\$7,500.00	\$6,626.72	\$224.37		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 33  
 Facility Name: UPPER PITTMAN WASH SOUTH  
 MP Facility ID: PTWA 0815-0983

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/216

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	\$300.00	\$300.00	\$20.08	7%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$1,000.00	\$1,000.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$3,000.00	\$3,000.00	\$228.79	8%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering		\$126.72	\$126.72	100%	
<b>TOTALS</b>		\$4,800.00	\$4,426.72	\$375.59		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed other programmed activities.

Work to be completed during current fiscal year:

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 34  
 Facility Name: PITTMAN STEPHANIE  
 MP Facility ID: PTST 0000-0170

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00	\$300.00	\$64.86	22%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00	\$935.86	\$935.86	100%	
15	Repair Lined Channel					
20	Erosion Control and Repair		\$949.49	\$949.49	100%	
21	Provide/Maintain Dust Control	\$500.00	\$300.00	\$0.00	0%	
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$500.00	\$300.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$1,800.00	\$2,785.35	\$1,950.21		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 35  
 Facility Name: PITTMAN DESERT WILLOW  
 MP Facility ID: PTDW 0000-0069

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$20.08	7%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$1,000.00		\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$1,300.00	\$0.00	\$20.08		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

General maintenance activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 36  
 Facility Name: PITTMAN FOOTHILLS DRIVE  
 MP Facility ID: PTFD 0000-0111

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$60.24	20%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$1,000.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering					
<b>TOTALS</b>		\$1,300.00	\$0.00	\$60.24		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Work to be completed during current fiscal year:

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 37  
 Facility Name: PITTMAN LAKE MEAD  
 MP Facility ID: PTLM 0000-0078

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$20.08	7%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$500.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$500.00		\$410.43	82%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering					
<b>TOTALS</b>		\$1,300.00	\$0.00	\$430.51		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 38  
 Facility Name: PITTMAN VALLE VERDE  
 MP Facility ID: PTVV 0000-0005

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$0.00	0%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00		\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$500.00		\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$1,300.00	\$0.00	\$0.00		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 40  
 Facility Name: PITTMAN PIONEER DETENTION  
 MP Facility ID: PTPD 0010-0063

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00	\$300.00	\$100.94	34%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00	\$500.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair		\$895.59	\$895.59	100%	
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair	\$1,000.00	\$1,000.00	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$500.00	\$500.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering		\$63.36	\$63.36	100%	
<b>TOTALS</b>		\$2,300.00	\$3,258.95	\$1,059.89		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 41  
 Facility Name: PITTMAN WEST HORIZON  
 MP Facility ID: PTWH 0000-0116

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00	\$300.00	\$146.51	49%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$500.00	\$3,602.91	\$3,602.91	100%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair		\$219.22	\$219.22	100%	
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$500.00	\$500.00	\$133.53	27%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering		\$126.72	\$126.72	100%	
<b>TOTALS</b>		\$1,300.00	\$4,748.85	\$4,228.89		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 42  
 Facility Name: PITTMAN/ANTHEM PARKWAY  
 MP Facility ID: PTAP 0000-0191

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00	\$916.45	\$916.45	100%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00	\$1,118.15	\$1,118.15	100%	
15	Repair Lined Channel					
20	Erosion Control and Repair		\$7,788.74	\$7,788.74	100%	
21	Provide/Maintain Dust Control		\$856.37	\$856.37	100%	
25	Clean Detention/Debris Basins					
35	Fence Repair	\$500.00	\$500.00	\$0.00	0%	
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities		\$642.36	\$642.36	100%	
85	Engineering		\$190.10	\$190.10	100%	
<b>TOTALS</b>		\$1,300.00	\$12,012.17	\$11,512.17		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed activities.

Work to be completed during current fiscal year:

General maintenance activities.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: Albert J. Jankowiak

(702) 267-3024

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 43  
 Facility Name: PITTMAN HORIZON RIDGE  
 MP Facility ID: PTHR 0000-0067, 0139 - 0140

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$40.16	13%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$500.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$500.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering					
<b>TOTALS</b>		\$1,300.00	\$0.00	\$40.16		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 45  
 Facility Name: PITTMAN ANTHEM CHANNEL & DETENTION BASIN  
 MP Facility ID: PTAN 0000-0280, PTCR 0000-0036, PTOG 0000-0016, PTAT 0000-0007

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$0.00	0%	
6	Inspect Levees/Detention and Debris Basins	\$1,500.00	\$1,500.00	\$799.14	53%	
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees					
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins	\$10,000.00	\$7,000.00	\$0.00	0%	
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$1,000.00	\$1,000.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures	\$1,500.00	\$1,500.00	\$0.00	0%	
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering	\$10,000.00	\$7,000.00	\$63.36	1%	
<b>TOTALS</b>		<b>\$24,500.00</b>	<b>\$18,500.00</b>	<b>\$862.50</b>		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed activities.

Work to be completed during current fiscal year:

Act - 6 Inspection of debris and detention basins; Act - 25 Clean debris and detention basins; Act 85 - 5-yr major update of EAP information. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 46  
 Facility Name: PITTMAN REUNION DRIVE  
 MP Facility ID: PTRD 0000-0055

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$300.00		\$20.08	7%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$500.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$500.00		\$0.00	0%	
	25 Clean Detention/Debris Basins	\$500.00		\$0.00	0%	
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering					
<b>TOTALS</b>		\$2,100.00	\$0.00	\$20.08		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 47  
 Facility Name: PITTMAN GREEN VALLEY  
 MP Facility ID: PTGV 0028-0073

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00	\$300.00	\$20.08	7%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$2,000.00	\$500.00	\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering					
<b>TOTALS</b>		\$2,300.00	\$800.00	\$20.08		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 48  
 Facility Name: PITTMAN SEVEN HILLS  
 MP Facility ID: PTSH 0011 - 0084

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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		\$20.08	4%	
6	Inspect Levees/Retention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$700.00		\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$1,200.00	\$0.00	\$20.08		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 49  
 Facility Name: C-1 CHANNEL US 95 TRIB 1  
 MP Facility ID: C1U1 0000-0062

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$19.83	7%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$500.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair	\$500.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering					
	<b>TOTALS</b>	\$1,300.00	\$0.00	\$19.83		Jun-2017

Delays or Problem Areas:

Work completed during prior fiscal year:

Completed programmed activities.

Work to be completed during current fiscal year:

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 50  
 Facility Name: C-1 CHANNEL FOUR KIDS  
 MP Facility ID: C1FK 0000-0073

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00	\$514.29	\$514.29	100%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$2,500.00	\$500.00	\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair	\$3,500.00	\$5,152.88	\$5,152.88	100%	
	21 Provide/Maintain Dust Control	\$2,000.00	\$831.20	\$831.20	100%	
	25 Clean Detention/Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical		\$396.06	\$396.06	100%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges	\$5,000.00	\$500.00	\$0.00	0%	
	80 Miscellaneous Work Activities					
	85 Engineering		\$126.72	\$126.72	100%	
<b>TOTALS</b>		\$13,300.00	\$8,021.15	\$7,021.15		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 53  
 Facility Name: LAKE LAS VEGAS MAGIC WAY CHANNEL  
 MP Facility ID: LLMW 0129, 0203

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00	\$300.00	\$0.00	0%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00	\$500.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges	\$500.00	\$500.00	\$0.00	0%	
80	Miscellaneous Work Activities					
85	Engineering		\$133.14	\$133.14	100%	
<b>TOTALS</b>		\$1,300.00	\$1,433.14	\$133.14		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 54  
 Facility Name: PITTMAN HAMPTON ROAD  
 MP Facility ID: PTHD 0000-0020

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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		\$20.53	4%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00		\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$1,000.00	\$0.00	\$20.53		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 55  
 Facility Name: PITTMAN ANTHEM DRIVE  
 MP Facility ID: PTAD 0000-0070

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$61.23	20%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00		\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines	\$500.00		\$0.00	0%	
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$1,300.00	\$0.00	\$61.23		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 56  
 Facility Name: PITTMAN WASH SOUTHEAST  
 MP Facility ID: PTSE 0000-0346, PTPN 0000-0039

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$61.61	21%	
	6 Inspect Levees/Detention and Debris Basins	\$300.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$1,000.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins	\$500.00		\$0.00	0%	
	35 Fence Repair	\$1,000.00		\$0.00	0%	
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$1,000.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering					
<b>TOTALS</b>		\$4,100.00	\$0.00	\$61.61		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 57  
 Facility Name: PITTMAN WASH WILDERNESS STUDY  
 MP Facility ID: PTWS 0000 - 0063 and PTDY 0000

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$20.53	7%	
	6 Inspect Levees/Detention and Debris Basins	\$300.00		\$0.00	0%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$500.00		\$0.00	0%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins	\$500.00		\$0.00	0%	
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road	\$500.00		\$0.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering					
<b>TOTALS</b>		\$2,100.00	\$0.00	\$20.53		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 58  
 Facility Name: PITTMAN SOUTHDGE-NORTH  
 MP Facility ID: PTSN 0000-0063

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$138.70	28%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00	\$500.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical		\$302.88	\$302.88	100%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering		\$63.36	\$63.36	100%	
<b>TOTALS</b>		\$1,000.00	\$1,366.24	\$504.94		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 59  
 Facility Name: PITTMAN SOUTHDGE-SOUTH  
 MP Facility ID: PTSS 0000-0012

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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		\$20.53	4%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00		\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical					
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering					
<b>TOTALS</b>		\$1,000.00	\$0.00	\$20.53		Jun-2017

**Delays or Problem Areas:**

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**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 60  
 Facility Name: PITTMAN SOUTHDGE-ANTHEM  
 MP Facility ID: PTSA 0000-0091

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00		\$81.78	27%	
	6 Inspect Levees/Detention and Debris Basins					
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees	\$500.00		\$307.25	61%	
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention/Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$1,000.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering					
<b>TOTALS</b>		\$1,800.00	\$0.00	\$389.03		Jun-2017

Delays or Problem Areas:

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Work completed during prior fiscal year:

Completed programmed activities.

Work to be completed during current fiscal year:

General maintenance activities.

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

**MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 61  
 Facility Name: PITTMAN EAST HEADWORKS DB  
 MP Facility ID: PTEA 0760-0773

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$1,000.00		\$0.00	0%	
	6 Inspect Levees/Detention and Debris Basins	\$2,500.00		\$1,527.33	61%	
	8 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
	15 Repair Lined Channel					
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control	\$500.00		\$0.00	0%	
	25 Clean Detention/Debris Basins	\$2,000.00		\$0.00	0%	
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical	\$1,000.00		\$0.00	0%	
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures	\$1,000.00		\$0.00	0%	
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
	70 Storm Sewer Repair					
	75 Clean/Flush Culverts & Bridges					
	80 Miscellaneous Work Activities					
	85 Engineering	\$10,000.00		\$316.84	3%	
	<b>TOTALS</b>	<b>\$18,000.00</b>	<b>\$0.00</b>	<b>\$1,844.17</b>		<b>Jun-2017</b>

Delays or Problem Areas:

Work completed during prior fiscal year:  
 Completed programmed activities.

Work to be completed during current fiscal year:  
 Act 85 - 5-yr major update of EAP information. General maintenance activities.

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

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
QUARTERLY STATUS REPORT FY 2016-17**

MWP Facility#: HEN 62  
 Facility Name: C-1 CHANNEL-RACETRACK  
 MP Facility ID: C1RT 0001-0040

Entity: CITY OF HENDERSON  
 Date Prepared: 12/31/2016

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	\$300.00	\$300.00	\$20.18	7%	
6	Inspect Levees/Detention and Debris Basins					
8	Species Survey and Removal					
10	Clean and Reshape Channels/Levees	\$500.00	\$300.00	\$0.00	0%	
15	Repair Lined Channel					
20	Erosion Control and Repair					
21	Provide/Maintain Dust Control					
25	Clean Detention/Debris Basins					
35	Fence Repair					
40	Vegetation Control - Chemical					
45	Vegetation Control - Mechanical	\$500.00	\$300.00	\$0.00	0%	
50	Maintain Access Road					
55	Clean & Inspect Inlet/Outlet Structures					
60	Repair Inlet/Outlet Structures					
65	Clean Storm Sewer Lines					
70	Storm Sewer Repair					
75	Clean/Flush Culverts & Bridges					
80	Miscellaneous Work Activities					
85	Engineering		\$190.10	\$190.10	100%	
<b>TOTALS</b>		\$1,300.00	\$1,090.10	\$210.28		Jun-2017

**Delays or Problem Areas:**

**Work completed during prior fiscal year:**

Completed programmed activities.

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

General maintenance activities.

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



**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
SECOND QUARTER - FY 2016-17**

MWP Facility #: LV51  
 Facility Name: Cedar Avenue Channel/Nellis System  
 MP Facility ID: CACH 0000 - 0148,  
CABZ 0000 - 0010, CACN 0000 - 0049,  
LVBZ 0166 - 0224

Entity: City of Las Vegas  
 Date Prepared: 1/30/2017

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	\$2,000.00			Jun-17
FA 05	Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
FA 10	Clean and Reshape Channels/Levees	\$20,000.00	\$11,000.00			Jun-17
FA 15	Repair Lined Channel	\$5,000.00	\$3,000.00			Jun-17
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
FA 55	Clean & Inspect Inlet/Outlet Structures	\$10,000.00	\$5,000.00			Jun-17
	60 Repair Inlet/Outlet Structures					
FA 65	Clean Storm Sewer Lines	\$2,000.00	\$2,000.00			Jun-17
FA 70	Storm Sewer Repair	\$1,000.00	\$1,000.00			Jun-17
FA 75	Clean/Flush Culverts & Bridges	\$2,000.00	\$2,000.00			Jun-17
FA 80	Miscellaneous Work Activities	\$4,000.00	\$4,000.00			Jun-17
FA 85	Engineering	\$1,000.00	\$20,000.00	\$18,776.99		Jun-17
<b>TOTALS</b>		<b>\$50,000.00</b>	<b>\$50,000.00</b>	<b>\$18,776.99</b>	<b>37.6%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Clean open 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./Michael Strudivant, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
SECOND QUARTER - FY 2016-17**

MWP Facility #: LV52  
 Facility Name: Gowan/Angel Pk/Lone Mtn System  
 MP Facility ID: GONO 0000 - 0225, GOSO 0000 - 0462, GODU 0000 - 0050,  
 GOOF 0427 - 0775, GOCR 0180 - 0201, GOLB 0000 - 0030  
 GOLM 0000 - 0277, GOBU 0000 - 0085, GOBW 0000 - 0052,  
 APDG 0000 - 0060, APOF 0000 - 0124, APP1 0000 - 0056, GOTE 0000  
 GO02 0000 - 0257, APNO 0015, APNO 0012, GOLO 0152-0275  
 APSP 0000 - 0183, APBE 0000 - 0122, APSO 0000, APSO 0020,  
 APSO 0204, APSO 0254, APSO 0255, APSO 0345, APMD 0027,  
 APMD 0132, APMD 0190 - 0258, GOL2 0000 - 0014, APD3 0000 - 0021, GOWC 0000,  
 GOL4 0000 - 0026, APFH 0000 - 0061, APAD 0000 - 0225, APCB 0000 - 0080

Entity: City of Las Vegas  
 Date Prepared: 1/30/2017

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-17
FA 05	Inspect Channels	\$5,000.00	\$5,000.00			Jun-17
FA 06	Inspect Levees/Detention and Debris Basins	\$5,000.00	\$5,000.00			Jun-17
FA 08	Species Survey and Removal	\$20,000.00	\$5,000.00			Jun-17
	10 Clean and Reshape Channels/Levees					
FA 15	Repair Lined Channel	\$45,000.00	\$45,000.00	\$40,989.67		Jun-17
FA 20	Erosion Control and Repair	\$50,000.00	\$50,000.00			Jun-17
FA 21	Provide/Maintain Dust Control	\$10,000.00	\$5,000.00			Jun-17
FA 25	Clean Detention Debris Basins	\$80,000.00	\$70,000.00			Jun-17
FA 35	Fence Repair	\$5,000.00	\$5,000.00			Jun-17
	40 Vegetation Control - Chemical					
FA 43	Vegetation Control - Mechanical	\$20,000.00	\$20,000.00			Jun-17
	50 Maintain Access Road					
FA 55	Clean & Inspect Inlet/Outlet Structures	\$40,000.00	\$40,000.00			Jun-17
FA 60	Repair Inlet/Outlet Structures	\$130,000.00	\$130,000.00	\$44,346.49		Jun-17
	65 Clean Storm Sewer Lines					
FA 70	Storm Sewer Repair	\$20,000.00	\$20,000.00			Jun-17
FA 75	Clean/Flush Culverts & Bridges	\$5,000.00	\$5,000.00			Jun-17
FA 80	Miscellaneous Work Activities	\$10,000.00	\$10,000.00			Jun-17
FA 85	Engineering	\$50,000.00	\$80,000.00	\$71,014.20		Jun-17
<b>TOTALS</b>		\$500,000.00	\$500,000.00	\$156,350.36	31.3%	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Graffiti and trash removal within the Gilmore Channel (GOLM 0150 - 0240). Repaired Joint Seal in Gilmore Channel.. Clean and inspect detention basins. Routine maintenance work activities.

**Work to be completed during current Fiscal Year:**

Graffiti and trash removal within the Gilmore Channel (GOLM 0150 - 0240). Modify inlet structure at Lone Mountain Detention Basin for access. Repair erosion damages in embankment of the detention basins. Clean and inspect detention basins. Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang Kwon, P.E./Michael Sturdivant, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
SECOND QUARTER - FY 2016-17**

MWP Facility #: LV53  
 Facility Name: Lake Mead/Smoke Ranch/Washington System  
 MP Facility ID: LVLM 0336 - 0525, LVSR 0312 - 0525,  
LV15 0284 - 0409, LVOW 0000 - 0351,  
LVRA 0000 - 0066, LVPK 0000 - 0130

Entity: City of Las Vegas  
 Date Prepared: 1/30/2017

Force Account/Contract	Activity	Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date *
FA 03	Facility Assessment and Inventory	\$5,000.00				Jun-17
FA 05	Inspect Channels	\$3,000.00				Jun-17
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
FA 10	Clean and Reshape Channels/Levees	\$2,500.00				Jun-17
FA 15	Repair Lined Channel	\$3,500.00				Jun-17
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
FA 35	Fence Repair	\$2,000.00				Jun-17
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
FA 55	Clean & Inspect Inlet/Outlet Structures	\$16,000.00				Jun-17
FA 60	Repair Inlet/Outlet Structures	\$5,000.00				Jun-17
FA 65	Clean Storm Sewer Lines	\$2,500.00				Jun-17
FA 70	Storm Sewer Repair	\$5,000.00				Jun-17
	75 Clean/Flush Culverts & Bridges					
FA 80	Miscellaneous Work Activities	\$2,500.00				Jun-17
FA 85	Engineering	\$3,000.00				Jun-17
<b>TOTALS</b>		<b>\$50,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.0%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**  
 Remove debris, clean drop inlets, and repair any damages. Routine maintenance work activities.

**Work to be completed during current Fiscal Year:**  
 Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang kwon, P.E./Michael Strudivant, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
SECOND QUARTER - FY 2016-17**

MWP Facility #: LV54  
 Facility Name: Las Vegas Wash System  
 MP Facility ID: LVMD 1069 - 1354

Entity: City of Las Vegas  
 Date Prepared: 1/30/2017

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	\$15,000.00			Jun-17
FA 05	Inspect Channels	\$20,000.00	\$20,000.00			Jun-17
	06 Inspect Levees/Detention and Debris Basins					
FA 08	Species Survey and Removal	\$10,000.00	\$10,000.00			Jun-17
FA 10	Clean and Reshape Channels/Levees	\$75,000.00	\$75,000.00	\$28,779.96		Jun-17
FA 15	Repair Lined Channel	\$325,000.00	\$325,000.00			Jun-17
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
FA 35	Fence Repair	\$20,000.00	\$20,000.00	\$1,467.48		Jun-17
	40 Vegetation Control - Chemical					
FA 45	Vegetation Control - Mechanical	\$175,000.00	\$175,000.00	\$120,764.00		Jun-17
	50 Maintain Access Road					
	55 Clean & Inspect Inlet/Outlet Structures					
	60 Repair Inlet/Outlet Structures					
	65 Clean Storm Sewer Lines					
FA 70	Storm Sewer Repair	\$5,000.00	\$5,000.00			Jun-17
FA 75	Clean/Flush Culverts & Bridges	\$5,000.00	\$5,000.00			Jun-17
FA 80	Miscellaneous Work Activities	\$10,000.00	\$10,000.00			Jun-17
FA 85	Engineering	\$30,000.00	\$40,000.00	\$36,885.73		Jun-17
<b>TOTALS</b>		<b>\$700,000.00</b>	<b>\$700,000.00</b>	<b>\$187,897.17</b>	<b>26.8%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Bi-annual vegetation control and erosion control along the Las Vegas Wash. Removed sediments and trash.

**Work to be completed during current Fiscal Year:**

Repair Mat along Las Vegas Wash between Washington Avenue and Stewart Avenue (LVMD 1120 - 1178) for erosion control. 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./Michael Strudivant, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
SECOND QUARTER - FY 2016-17**

MWP Facility #: LV55  
 Facility Name: Meadows/Oakey System  
 MP Facility ID: LCME 0000 - 0085, MECH 0059 - 0420,  
MEAL 0000 - 0258, MEPA 0000 - 0025, MEOK 0000 - 0217

Entity: City of Las Vegas  
 Date Prepared: 1/30/2017

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	\$10,000.00			Jun-17
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
FA 10	Clean and Reshape Channels/Levees	\$8,000.00	\$3,000.00			Jun-17
FA 15	Repair Lined Channel	\$5,000.00	\$5,000.00			Jun-17
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
FA 25	Clean Detention Debris Basins	\$10,000.00	\$10,000.00	\$3,059.40		Jun-17
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
FA 50	Maintain Access Road	\$35,000.00	\$5,000.00			
FA 55	Clean & Inspect Inlet/Outlet Structures	\$8,000.00	\$8,000.00			Jun-17
FA 60	Repair Inlet/Outlet Structures	\$8,000.00	\$8,000.00			Jun-17
	65 Clean Storm Sewer Lines					
FA 70	Storm Sewer Repair	\$8,000.00	\$3,000.00			Jun-17
FA 75	Clean/Flush Culverts & Bridges	\$1,000.00	\$1,000.00			Jun-17
FA 80	Miscellaneous Work Activities	\$2,000.00	\$2,000.00			Jun-17
FA 85	Engineering	\$5,000.00	\$45,000.00	\$34,709.89		Jun-17
<b>TOTALS</b>		<b>\$100,000.00</b>	<b>\$100,000.00</b>	<b>\$37,769.29</b>	<b>37.8%</b>	

Delays or Problem Areas:

Work completed during prior Fiscal Year:

Removed sediment from Oakey DB and Meadows DB. Provided concrete pad at the inlet structure of Oakey Detention Basin for access. Provided Low flow channel to eliminate the standing water. 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. Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang Kwon, P.E./Michael Strudivant, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
SECOND QUARTER - FY 2016-17**

MWP Facility #: LV56  
 Facility Name: Washington Ave/Las Vegas Creek System  
 MP Facility ID: LCLT 0000 - 0034, WAPR 0000 - 0132,  
FWUP 0000 - 0100, LVWH 0086 - 0484,  
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: 1/30/2016

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-17
FA 05	Inspect Channels	\$10,000.00				Jun-17
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
FA 10	Clean and Reshape Channels/Levees	\$65,000.00				Jun-17
FA 15	Repair Lined Channel	\$70,000.00				Jun-17
	20 Erosion Control and Repair					
	21 Provide/Maintain Dust Control					
	25 Clean Detention Debris Basins					
	35 Fence Repair					
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
	50 Maintain Access Road					
FA 55	Clean & Inspect Inlet/Outlet Structures	\$20,000.00				Jun-17
FA 60	Repair Inlet/Outlet Structures	\$5,000.00				Jun-17
FA 65	Clean Storm Sewer Lines	\$10,000.00				Jun-17
FA 70	Storm Sewer Repair	\$10,000.00				Jun-17
FA 75	Clean/Flush Culverts & Bridges	\$10,000.00				Jun-17
FA 80	Miscellaneous Work Activities	\$5,000.00				Jun-17
FA 85	Engineering	\$10,000.00				Jun-17
<b>TOTALS</b>		<b>\$225,000.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0.0%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**

Perform repair and cleaning of storm-drain facilities. Removed and clear vegetation from the Rainbow Detention Basins. Routine maintenance work activities. Repair riprap channel along Rancho Drive from Desert Inn Road to Teddy Drive. Replaced cable fencing along the Rainbow Detention Basins.

**Work to be completed during current Fiscal Year:**

Perform repair and cleaning of storm drain facilities. Repair erosion damages in embankment of the detention basin. Repair erosion damages in Rainbow Detention Basin. Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang Kwon, P.E./Michael Strudivant, P.E. Phone Number: 702-229-6541

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
SECOND QUARTER - FY 2016-17**

MWP Facility #: LV57  
 Facility Name: US95/OuterBeltway/Ann Road System  
 MP Facility ID: RCHO 0000 - 0071, ANWE 0127 - 0385, CNWE 0314  
 RCHB 0000 - 0250, RCBC 0004, LVMD 2324 - 2789,  
 EKDB 0000 - 0070, GOAN 0000 - 0127, ANRB 0000  
 CNGT 0000 - 0247, CNKC 0000 - 0024  
 EKHU 0000 - 0023, BCHU 0000 - 0054, TSDB 0000,  
 MSNV 0000, LVMJ 0000, LVDE 0003 - 0027,  
 CN95 0199 - 0333, EKBU 0000, LVMD 3313-3316  
 RACO 0001-0064, BRDB 0000-0032, TSDB 0011

Entity: City of Las Vegas  
 Date Prepared: 1/30/2016

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	\$10,000.00			Jun-17
	05 Inspect Channels					
	06 Inspect Levees/Detention and Debris Basins					
	08 Species Survey and Removal					
	10 Clean and Reshape Channels/Levees					
FA 15	Repair Lined Channel	\$25,000.00	\$25,000.00			Jun-17
FA 20	Erosion Control and Repair	\$105,000.00	\$105,000.00			Jun-17
FA 21	Provide/Maintain Dust Control	\$50,000.00	\$40,000.00			Jun-17
FA 25	Clean Detention Debris Basins	\$500,000.00	\$450,000.00			Jun-17
FA 35	Fence Repair	\$20,000.00	\$20,000.00			Jun-17
	40 Vegetation Control - Chemical					
	45 Vegetation Control - Mechanical					
FA 50	Maintain Access Road	\$40,000.00	\$40,000.00			Jun-17
FA 55	Clean & Inspect Inlet/Outlet Structures	\$5,000.00	\$5,000.00			Jun-17
FA 60	Repair Inlet/Outlet Structures	\$200,000.00	\$200,000.00			Jun-17
FA 65	Clean Storm Sewer Lines	\$10,000.00	\$10,000.00			Jun-17
FA 70	Storm Sewer Repair	\$20,000.00	\$20,000.00			Jun-17
FA 75	Clean/Flush Culverts & Bridges	\$5,000.00	\$5,000.00			Jun-17
FA 80	Miscellaneous Work Activities	\$5,000.00	\$5,000.00			Jun-17
FA 85	Engineering	\$5,000.00	\$65,000.00	\$57,272.17		Jun-17
<b>TOTALS</b>		<b>\$1,000,000.00</b>	<b>\$1,000,000.00</b>	<b>\$57,272.17</b>	<b>5.7%</b>	

**Delays or Problem Areas:**

**Work completed during prior Fiscal Year:**  
 Debris removal and repair Kyle Canyon Detention Basin. Modified trash rack in Kyle Canyon Detention Basin. Installed sidewalk depth gauge and sediment depth gauge in the Kyle Canyon Detention Basin. Constructed control of access to the Kyle Canyon DB. Routine maintenance work activities.

**Work to be completed during current Fiscal Year:**  
 Provide maintenance access road to the inlets and outlets of the Elkhorn Springs Detention Basin. Sediment and vegetation removal from the detention basins. Routine maintenance work activities.

Consultant/Contractor: N/A  
 Project Manager: Oh Sang Kwon, P.E./Michael Strudivant, P.E. Phone Number: 702-229-6541

REGIONAL FLOOD CONTROL DISTRICT  
 MAINTENANCE WORK PROGRAM  
 QUARTERLY STATUS REPORT - FY 2016-2017

MWP Facility #: **ME01**  
 Facility Name: **Mesquite Town Wash**  
 MP Facility ID: **TOWA-0000 thru 0201**

Entity: **City of Mesquite**  
 Date Prepared: **1/20/2017**

Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
3 Facility Assessment & Inventory	\$0.00	\$0.00	\$0.00		
5 Inspect Channels	\$300.00	\$300.00	\$156.64		
6 Inspect Levees/Defention & Debris Basins	\$0.00	\$0.00	\$0.00		
8 Species Survey & Removal	\$0.00	\$0.00	\$0.00		
10 Clean and Reshape Channels	\$6,900.00	\$6,900.00	\$3,374.00		
15 Repair Lined Channel	\$3,000.00	\$3,000.00	\$0.00		
20 Provide/Maintain Erosion Control	\$0.00	\$0.00	\$0.00		
21 Provide/Maintain Dust Control	\$0.00	\$0.00	\$0.00		
25 Clean & Inspect Detention Debris Basins	\$0.00	\$0.00	\$0.00		
35 Fence Repair	\$0.00	\$0.00	\$0.00		
40 Vegetation Control - Chemical	\$3,800.00	\$3,800.00	\$3,373.34		
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	\$0.00	\$0.00	\$0.00		
70 Storm Sewer Repair	\$0.00	\$0.00	\$0.00		
75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
80 Miscellaneous Work Activities	\$3,000.00	\$3,000.00	\$0.00		
85 Engineering	\$0.00	\$0.00	\$0.00		
<b>TOTALS</b>	<b>\$19,000.00</b>	<b>\$19,000.00</b>	<b>\$6,903.98</b>		Jun-17

**Delays or problem areas:**

**Work completed during previous fiscal year:**

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

Project Manager: Bill Tanner  
 Bill Tanner

Phone No: (702) 346-5237



REGIONAL FLOOD CONTROL DISTRICT  
 MAINTENANCE WORK PROGRAM  
 QUARTERLY STATUS REPORT - FY 2016-2017

MWP Facility #: **ME02**  
 Facility Name: **Abbott Wash Channel**  
 MP Facility ID: **ABWA-0000 thru 0233**

Entity: **City of Mesquite**  
 Date Prepared: **1/20/2017**

Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
3 Facility Assessment & Inventory	\$0.00	\$0.00	\$0.00		
5 Inspect Channels	\$300.00	\$300.00	\$156.64		
6 Inspect Levees/Defention & Debris Basins	\$0.00	\$0.00	\$0.00		
8 Species Survey & Removal	\$0.00	\$0.00	\$0.00		
10 Clean and Reshape Channels	\$3,000.00	\$3,000.00	\$0.00		
15 Repair Lined Channel	\$0.00	\$0.00	\$0.00		
20 Provide/Maintain Erosion Control	\$3,000.00	\$3,000.00	\$0.00		
21 Provide/Maintain Dust Control	\$2,000.00	\$2,000.00	\$0.00		
25 Clean & Inspect Defention Debris Basins	\$0.00	\$0.00	\$0.00		
35 Fence Repair	\$0.00	\$0.00	\$0.00		
40 Vegetation Control - Chemical	\$2,500.00	\$2,500.00	\$2,500.00		
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 Repair	\$0.00	\$0.00	\$0.00		
75 Clean/Flush Culverts & Bridges	\$500.00	\$500.00	\$0.00		
80 Miscellaneous Work Activities	\$2,000.00	\$2,000.00	\$539.83		
85 Engineering	\$0.00	\$0.00	\$0.00		
<b>TOTALS</b>	<b>\$14,300.00</b>	<b>\$14,300.00</b>	<b>\$3,196.47</b>		Jun-17

**Delays or problem areas:**

**Work completed during previous fiscal year:**

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

Project Manager: Bill Tanner  
 Bill Tanner

Phone No: (702) 346-5237

REGIONAL FLOOD CONTROL DISTRICT  
 MAINTENANCE WORK PROGRAM  
 QUARTERLY STATUS REPORT - FY 2016-2017

MWP Facility #: ME04  
 Facility Name: Town Wash Detention Basin  
 MP Facility ID: TOWA-0237 thru 0239, MNTP 0000

Entity: City of Mesquite  
 Date Prepared: 1/20/2017

Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
3 Facility Assessment & Inventory	\$0.00	\$0.00	\$0.00		
5 Inspect Channels	\$0.00	\$0.00	\$0.00		
6 Inspect Levees/Detention & Debris Basins	\$2,500.00	\$2,500.00	\$700.00		
8 Species Survey & Removal	\$0.00	\$0.00	\$0.00		
10 Clean and Reshape Channels	\$0.00	\$0.00	\$0.00		
15 Repair Lined Channel	\$0.00	\$0.00	\$0.00		
20 Provide/Maintain Erosion Control	\$0.00	\$7,250.00	\$7,250.00		
21 Provide/Maintain Dust Control	\$4,000.00	\$0.00	\$0.00		
25 Clean & Inspect Detention Debris Basins	\$450,000.00	\$450,000.00	\$441,398.50		
35 Fence Repair	\$0.00	\$0.00	\$0.00		
40 Vegetation Control - Chemical	\$0.00	\$0.00	\$0.00		
45 Vegetation Control - Mechanical	\$0.00	\$0.00	\$0.00		
50 Maintain Access Road	\$800.00	\$370.00	\$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 Repair	\$0.00	\$0.00	\$0.00		
75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
80 Miscellaneous Work Activities	\$4,000.00	\$1,180.00	\$1,180.00		
85 Engineering	\$5,000.00	\$5,000.00	\$515.66		
<b>TOTALS</b>	<b>\$467,300.00</b>	<b>\$467,300.00</b>	<b>\$451,044.16</b>		Jun-17

**Delays or problem areas:**

**Work completed during previous fiscal year:**

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

Project Manager:   
 Bill Tanner

Phone No: (702) 346-5237

REGIONAL FLOOD CONTROL DISTRICT  
 MAINTENANCE WORK PROGRAM  
 QUARTERLY STATUS REPORT - FY 2016-2017

MWP Facility #: ME07  
 Facility Name: Pulsipher Wash  
 MP Facility ID: PUWA-0000 thru 0165

Entity: City of Mesquite  
 Date Prepared: 1/20/2017

Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
3 Facility Assessment & Inventory	\$0.00	\$0.00	\$0.00		
5 Inspect Channels	\$300.00	\$300.00	\$156.64		
6 Inspect Levees/Detention & Debris Basins	\$0.00	\$0.00	\$0.00		
8 Species Survey & Removal	\$0.00	\$0.00	\$0.00		
10 Clean and Reshape Channels	\$14,000.00	\$7,866.47	\$0.00		
15 Repair Lined Channel	\$0.00	\$0.00	\$0.00		
20 Provide/Maintain Erosion Control	\$7,000.00	\$7,000.00	\$0.00		
21 Provide/Maintain Dust Control	\$2,000.00	\$2,000.00	\$0.00		
25 Clean & Inspect Detention Debris Basins	\$0.00	\$0.00	\$0.00		
35 Fence Repair	\$0.00	\$0.00	\$0.00		
40 Vegetation Control - Chemical	\$3,000.00	\$3,000.00	\$2,936.66		
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 Repair	\$0.00	\$0.00	\$0.00		
75 Clean/Flush Culverts & Bridges	\$0.00	\$0.00	\$0.00		
80 Miscellaneous Work Activities	\$3,100.00	\$9,233.53	\$9,233.53		
85 Engineering	\$0.00	\$0.00	\$0.00		
<b>TOTALS</b>	<b>\$29,400.00</b>	<b>\$29,400.00</b>	<b>\$12,326.83</b>		Jun-17

**Delays or problem areas:**

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**Work completed during previous fiscal year:**

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

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Project Manager:   
 Bill Tanner

Phone No: (702) 346-5237

REGIONAL FLOOD CONTROL DISTRICT  
 MAINTENANCE WORK PROGRAM  
 QUARTERLY STATUS REPORT - FY 2016-2017

MWP Facility #: ME08  
 Facility Name: Abbott Wash Detention Basin  
 MP Facility ID: ABWA-0234 thru 0236

Entity: City of Mesquite  
 Date Prepared: 1/20/2017

Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
3 Facility Assessment & Inventory	\$0.00	\$0.00	\$0.00		
5 Inspect Channels	\$0.00	\$0.00	\$0.00		
6 Inspect Levees/Detention & Debris Basins	\$2,500.00	\$2,500.00	\$700.00		
8 Species Survey & Removal	\$0.00	\$0.00	\$0.00		
10 Clean and Reshape Channels	\$0.00	\$0.00	\$0.00		
15 Repair Lined Channel	\$0.00	\$0.00	\$0.00		
20 Provide/Maintain Erosion Control	\$5,000.00	\$5,000.00	\$0.00		
21 Provide/Maintain Dust Control	\$2,000.00	\$2,000.00	\$0.00		
25 Clean & Inspect Detention Debris Basins	\$48,000.00	\$48,000.00	\$6,197.50		
35 Fence Repair	\$0.00	\$0.00	\$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	\$1,000.00	\$1,000.00	\$0.00		
55 Clean & Inspect Inlet/Outlet Structures	\$2,500.00	\$2,500.00	\$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 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	\$786.25		
85 Engineering	\$5,000.00	\$5,000.00	\$831.34		
<b>TOTALS</b>	<b>\$ 68,000.00</b>	<b>\$ 68,000.00</b>	<b>\$ 8,515.09</b>		Jun-17

**Delays or problem areas:**

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**Work completed during previous fiscal year:**

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

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Project Manager:   
 Bill Tanner

Phone No: (702) 346-5237

REGIONAL FLOOD CONTROL DISTRICT  
 MAINTENANCE WORK PROGRAM  
 QUARTERLY STATUS REPORT - FY 2016-2017

MWP Facility #: ME09  
 Facility Name: Pulsipher Wash Detention Basin  
 MP Facility ID: PUWA-0166 thru 0168

Entity: City of Mesquite  
 Date Prepared: 1/20/2017

Activity	Approved Work Plan Amount (\$)	Amended Work Plan Amount (\$)	Expended To Date (\$)	Percent Complete	Scheduled Completion Date
3 Facility Assessment & Inventory	\$0.00	\$0.00	\$0.00		
5 Inspect Channels	\$0.00	\$0.00	\$0.00		
6 Inspect Levees/Detention & Debris Basins	\$2,500.00	\$2,500.00	\$700.00		
8 Species Survey & Removal	\$0.00	\$0.00	\$0.00		
10 Clean and Reshape Channels	\$0.00	\$0.00	\$0.00		
15 Repair Lined Channel	\$0.00	\$0.00	\$0.00		
20 Provide/Maintain Erosion Control	\$7,700.00	\$7,700.00	\$0.00		
21 Provide/Maintain Dust Control	\$2,000.00	\$2,000.00	\$0.00		
25 Clean & Inspect Detention Debris Basins	\$10,000.00	\$10,000.00	\$0.00		
35 Fence Repair	\$0.00	\$0.00	\$0.00		
40 Vegetation Control - Chemical	\$1,000.00	\$1,000.00	\$0.00		
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	\$2,500.00	\$2,500.00	\$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 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	\$656.25		
85 Engineering	\$2,000.00	\$2,000.00	\$2,000.00		
<b>TOTALS</b>	<b>\$29,700.00</b>	<b>\$29,700.00</b>	<b>\$3,356.25</b>		Jun-17

**Delays or problem areas:**

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**Work completed during previous fiscal year:**

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**Work to be completed during next fiscal Year:**

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Project Manager:   
 Bill Tanner

Phone No: (702) 346-5237

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
2ND Qtr FY 2016-2017 (Dec 2016)**

MWP Facility #: NLV01  
 Facility Name: Las Vegas Wash - "N" Channel  
 MP Facility ID: LVNC 0000-0164

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	159.93	340.07	32%	
	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	(15,000.00)	\$ 8,500.00	0.00	8,500.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ -		\$ -	0.00	0.00		
	21 Provide/Maintain Dust Control	\$ 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		\$ 14,075.00	7,485.36	6,589.64	53%	
	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	(9,402.19)	\$ 14,597.81	1,704.68	12,893.13	12%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 77,575.00</b>	<b>(24,402.19)</b>	<b>\$ 53,172.81</b>	<b>\$ 9,398.69</b>	<b>43,774.12</b>		<b>06/30/17</b>

Delays or problem areas:

**Work completed during prior fiscal year:** Cleaned the vegetation and reshaped channel, cleaned the outlet structures and provided maintenance of access roads. Estimated completion of the line channel to be late Fall of 2016

**Work to be completed during current fiscal year:** Clean vegetation with mower attachment for the City's backhoe, reshape channel, clean outlet structures and provide maintenance of access roads.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks

633-1267

**REGIONAL FLOOD CONTROL DISTRICT  
MAINTENANCE WORK PROGRAM  
2ND Qtr FY 2016-2017 (Dec 2016)**

MWP Facility #: NLV02  
 Facility Name: Las Vegas Wash - Middle  
 MP Facility ID: LVMD 1648-1877

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 2,000.00		\$ 2,000.00	1,359.41	640.59	68%	
	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	(20,000.00)	\$ 3,500.00	0.00	3,500.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 3,500.00	4,121.32	\$ 7,621.32	7,621.32	0.00	100%	
	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	\$ 19,000.00	(10,000.00)	\$ 9,000.00	2,493.50	6,506.50	28%	
	40 Vegetation Control - Chemical	\$ 9,000.00	(4,000.00)	\$ 5,000.00	0.00	5,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 15,000.00	(10,000.00)	\$ 5,000.00	0.00	5,000.00	0%	
	50 Maintain Access Road	\$ 17,500.00	(9,121.32)	\$ 8,378.68	0.00	8,378.68	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 5,000.00		\$ 5,000.00	0.00	5,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00		\$ 14,071.00	2,441.13	11,629.87	17%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 5,000.00		\$ 5,000.00	0.00	5,000.00	0%	
	80 Miscellaneous Work Activities	\$ 36,500.00	(5,000.00)	\$ 31,500.00	21,382.40	10,117.60	68%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 152,571.00</b>	<b>(54,000.00)</b>	<b>\$ 98,571.00</b>	<b>35,346.48</b>	<b>63,224.52</b>		<b>06/30/17</b>

**Delays or problem areas:**

**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.

**Work to be completed during current fiscal year:** Staff will clean all of the channel within and provide maintenance of all access roads.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

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: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	319.86	180.14	64%	
	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		\$ 4,000.00	0.00	4,000.00	0%	
	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	11,156.25	2,914.75	79%	
	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	(15,000.00)	\$ 11,500.00	1,982.56	9,517.44	17%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>57,071.00</b>	<b>(15,000.00)</b>	<b>\$ 42,071.00</b>	<b>\$ 13,507.39</b>	<b>28,563.61</b>		<b>06/30/17</b>

Delays or problem areas:

Work completed during prior fiscal year: General maintenance was completed.

Work to be completed during current fiscal year: Clean vegetation and any debris from the channel, repair fencing as needed, and clean inlets and outlets.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

MWP Facility #: NLV04  
 Facility Name: Vandenberg Detention Basin  
 MP Facility ID: RWWWE 0055-0350, RWRR 0000-0092,  
 RWWA 0000-0104, RWLA 0000-0047, RWCC 0000

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	0.00	500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 500.00		\$ 500.00	266.90	233.10	53%	
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 4,000.00		\$ 4,000.00	0.00	4,000.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 13,000.00	(8,000.00)	\$ 5,000.00	0.00	5,000.00	0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00	(5,000.00)	\$ 5,000.00	0.00	5,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 8,000.00		\$ 8,000.00	0.00	8,000.00	0%	
	35 Fence Repair	\$ 13,000.00	(6,000.00)	\$ 7,000.00	410.75	6,589.25	6%	
	40 Vegetation Control - Chemical	\$ 5,000.00		\$ 5,000.00	0.00	5,000.00	0%	
	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	\$ 3,500.00	(1,500.00)	\$ 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	4,556.67	9,514.33	32%	
	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	\$ 24,000.00	(10,000.00)	\$ 14,000.00	4,258.29	9,741.71	30%	
	85 Engineering			\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 102,071.00</b>	<b>(30,500.00)</b>	<b>\$ 71,571.00</b>	<b>\$ 9,541.33</b>	<b>62,029.67</b>		<b>06/30/17</b>

Delays or problem areas:

**Work completed during prior fiscal year:** Staff provided erosion control, dust control as needed, fence repairs and vegetation removal, cleaned inlet and outlet structures and maintenance access roads.

**Work to be completed during current fiscal year:** Staff will provide erosion control, dust control, fence repairs and provide vegetation removal, clean inlet and outlet structures and maintain access roads.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

MWP Facility #: NLV05  
 Facility Name: North Las Vegas Detention Basin  
 MP Facility ID: LVUP 0388-0405

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	0.00	500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 2,000.00		\$ 2,000.00	478.72	1,521.28	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	\$ 20,000.00	(12,000.00)	\$ 8,000.00	0.00	8,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 80,000.00	(71,512.35)	\$ 8,487.65	0.00	8,487.65	0%	
	35 Fence Repair	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	40 Vegetation Control - Chemical	\$ -		\$ -	0.00	0.00		
	45 Vegetation Control - Mechanical	\$ 43,000.00	(22,564.51)	\$ 20,435.49	0.00	20,435.49	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	\$ 24,000.00	(9,151.28)	\$ 14,848.72	1,258.60	13,590.12	8%	
	85 Engineering			\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 177,500.00</b>	<b>(115,228.14)</b>	<b>\$ 62,271.86</b>	<b>\$ 1,786.04</b>	<b>60,485.82</b>		<b>06/30/17</b>

Delays or problem areas:

Work completed during prior fiscal year: Staff provided erosion control, dust control as needed, fence repairs as needed, provided vegetation removal, cleaned inlet and outlets and maintained access roads.

Work to be completed during current fiscal year: Staff will provide erosion control, maintain dust control, maintenance access roads, clean outlets and inlets, remove vegetation and provide fence repairs.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

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: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	0.00	500.00	0%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 3,500.00		\$ 3,500.00	956.36	2,543.64	27%	
	8 Species Survey and Removal	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	10 Clean and Reshape Channel/Levees	\$ 8,000.00	(3,000.00)	\$ 5,000.00	0.00	5,000.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 40,000.00	(32,500.00)	\$ 7,500.00	0.00	7,500.00	0%	
	21 Provide/Maintain Dust Control	\$ 20,000.00	(12,500.00)	\$ 7,500.00	0.00	7,500.00	0%	
	25 Clean Detention/Debris Basin	\$ 40,000.00	(32,500.00)	\$ 7,500.00	0.00	7,500.00	0%	
	35 Fence Repair	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 5,500.00	(1,500.00)	\$ 4,000.00	0.00	4,000.00	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	\$ -		\$ -	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	\$ 22,500.00	(11,500.00)	\$ 11,000.00	3,098.34	7,901.66	28%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 151,500.00</b>	<b>(93,500.00)</b>	<b>\$ 58,000.00</b>	<b>\$ 4,103.42</b>	<b>53,896.58</b>		<b>06/30/17</b>

Delays or problem areas:

**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.

**Work to be completed during current fiscal year:** 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  
2ND Qtr FY 2016-2017 (Dec 2016)**

MWP Facility #: NLV07  
 Facility Name: Carey/Lake Mead Detention Basin  
 MP Facility ID: LVLM 0000-0270

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ -		\$ -	0.00	0.00		
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 500.00		\$ 500.00	319.86	180.14	64%	
	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	(9,876.65)	\$ 5,123.35	0.00	5,123.35	0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00	(5,000.00)	\$ 5,000.00	0.00	5,000.00	0%	
	25 Clean Detention/Debris Basin	\$ 12,000.00	351,648.24	\$ 363,648.24	363,648.24	0.00	100%	
	35 Fence Repair	\$ 6,500.00	1,225.00	\$ 7,725.00	7,725.00	0.00	100%	
	40 Vegetation Control - Chemical	\$ 5,000.00	(1,500.00)	\$ 3,500.00	0.00	3,500.00	0%	
	45 Vegetation Control - Mechanical	\$ 10,000.00	(5,000.00)	\$ 5,000.00	285.17	4,714.83	6%	
	50 Maintain Access Road	\$ -		\$ -	0.00	0.00		
	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	(1,995.79)	\$ 12,075.21	0.00	12,075.21	0%	
	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	4,077.04	\$ 25,077.04	25,077.04	0.00	100%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 103,071.00</b>	<b>331,577.84</b>	<b>\$ 434,648.84</b>	<b>\$ 397,104.03</b>	<b>37,544.81</b>		<b>06/30/17</b>

Delays or problem areas:

**Work completed during prior fiscal year:** Staff provided erosion control and cleaned trash and debris. We were able to clean out one of two box culverts due to the size that comes from NLV 15. Fencing was repaired, vegetation removed and cleaned out outlet structures, maintained access roads and provide major dust control.

**Work to be completed during current fiscal year:** Staff will provide dust control, vegetation removal, repair damage fencing as needed.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

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: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	479.79	20.21	96%	
	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	\$ -		\$ -	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	\$ 5,000.00		\$ 5,000.00	0.00	5,000.00	0%	
	40 Vegetation Control - Chemical	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	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	(3,000.00)	\$ 11,071.00	2,121.21	8,949.79	19%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 8,000.00	(3,000.00)	\$ 5,000.00	0.00	5,000.00	0%	
	80 Miscellaneous Work Activities	\$ 24,000.00	(8,000.00)	\$ 16,000.00	5,323.36	10,676.64	33%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 61,571.00</b>	<b>(14,000.00)</b>	<b>\$ 47,571.00</b>	<b>\$ 7,973.08</b>	<b>39,597.92</b>		<b>06/30/17</b>

Delays or problem areas:

Work completed during prior fiscal year: Repaired fencing, provide vegetation removal using mower, maintained access roads.

Work to be completed during current fiscal year: Staff will remove any trash and debris, repair fencing, maintain access roads, remove vegetation and clean inlet and outlet structures.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

MWP Facility #: NLV10  
 Facility Name: Upper Las Vegas Wash  
 MP Facility ID: LVUP 0446-0493

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	0.00	500.00	0%	
	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	\$ -	5,561.43	\$ 5,561.43	5,561.43	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	(8,561.43)	\$ 13,438.57	649.40	12,789.17	5%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 23,000.00</b>	<b>(3,000.00)</b>	<b>\$ 20,000.00</b>	<b>\$ 6,259.55</b>	<b>13,740.45</b>		<b>06/30/17</b>

Delays or problem areas:

Work completed during prior fiscal year: Staff provided erosion control, dust control, fencing repairs, removed vegetation, and cleaned inlet and outlet structures.

Work to be completed during current fiscal year: Staff will remove any debris and trash, provide fencing repairs as needed, maintain access roads, remove vegetation and clean outlet and inlet structures.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

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: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	78.89	421.11	16%	
	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	0.00	4,500.00	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	\$ -		\$ -	0.00	0.00		
	55 Clean & Inspect Inlet/Outlet Structures	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	60 Repair Inlet/Outlet Structures	\$ -		\$ -	0.00	0.00		
	65 Clean Storm Sewer Lines	\$ 14,071.00		\$ 14,071.00	8,845.74	5,225.26	63%	
	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	(9,000.00)	\$ 13,000.00	2,191.73	10,808.27	17%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 52,571.00</b>	<b>(9,000.00)</b>	<b>\$ 43,571.00</b>	<b>\$ 11,165.08</b>	<b>32,405.92</b>		<b>06/30/17</b>

Delays or problem areas: .

Work completed during prior fiscal year: Staff repaired fencing, provided vegetation removal, and cleaned inlet and outlet structures.

Work to be completed during current fiscal year: Staff will provide fencing repairs as needed, provide vegetation removal, and clean inlet and outlet structures.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

MWP Facility #: NLV12  
 Facility Name: Lower Las Vegas Detention Basin  
 MP Facility ID: LVMD 1905-2055

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	319.86	180.14	64%	
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,500.00		\$ 1,500.00	0.00	1,500.00	0%	
	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	(7,500.00)	\$ 7,500.00	0.00	7,500.00	0%	
	21 Provide/Maintain Dust Control	\$ 10,000.00	(6,200.21)	\$ 3,799.79	0.00	3,799.79	0%	
	25 Clean Detention/Debris Basin	\$ 10,000.00	204,620.65	\$ 214,620.65	214,620.65	0.00	100%	
	35 Fence Repair	\$ 6,500.00	(2,500.00)	\$ 4,000.00	0.00	4,000.00	0%	
	40 Vegetation Control - Chemical	\$ 7,000.00	(4,000.00)	\$ 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	\$ 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	(2,911.62)	\$ 11,159.38	6,351.30	4,808.08	57%	
	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	\$ 22,000.00	(5,377.39)	\$ 16,622.61	2,365.39	14,257.22	14%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 94,071.00</b>	<b>176,131.43</b>	<b>\$ 270,202.43</b>	<b>\$ 223,705.92</b>	<b>46,496.51</b>		<b>06/30/17</b>

Delays or problem areas:

**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.

**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.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: John Runiks

633-1267



**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

MWP Facility #: NLV13  
 Facility Name: West Trib - Ranch House Rd to Lower LV DB  
 MP Facility ID: ANWE 0000-0122, CNWE 0000  
LVMD 2060-2322

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	(139.72)	\$ 360.28	48.72	311.56	14%	
	5 Inspect Channels	\$ 500.00	(500.00)	\$ -	0.00	0.00		
	6 Inspect Levees/Detention Basin & Debris Basins	\$ -	639.72	\$ 639.72	639.72	0.00	100%	
	8 Species Survey and Removal	\$ -		\$ -	0.00	0.00		
	10 Clean and Reshape Channel/Levees	\$ 6,000.00	(2,000.00)	\$ 4,000.00	0.00	4,000.00	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	0.00	4,000.00	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	\$ 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	(5,000.00)	\$ 9,071.00	0.00	9,071.00	0%	
	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	(5,000.00)	\$ 16,000.00	5,845.62	10,154.38	37%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 58,071.00</b>	<b>(12,000.00)</b>	<b>\$ 46,071.00</b>	<b>\$ 6,534.06</b>	<b>39,536.94</b>		<b>06/30/17</b>

Delays or problem areas:

Work completed during prior fiscal year: Repaired fencing, provided vegetation removal, cleaned inlet and outlet structures, and maintained access roads.

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.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

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

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	(219.69)	\$ 280.31	- 48.72	231.59	17%	
	5 Inspect Channels	\$ 500.00	219.69	\$ 719.69	719.69	0.00	100%	
	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	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	40 Vegetation Control - Chemical	\$ 4,500.00	(1,500.00)	\$ 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	\$ 14,071.00		\$ 14,071.00	13,435.76	635.24	95%	
	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	5,394.88	8,605.12	39%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 54,571.00</b>	<b>(8,500.00)</b>	<b>\$ 46,071.00</b>	<b>\$ 19,599.05</b>	<b>26,471.95</b>		<b>06/30/17</b>

**Delays or problem areas:**

**Work completed during prior fiscal year:** Repaired fencing, provided vegetation removal, cleaned inlet and outlet structures and maintained access roads. Channel completed last year.

**Work to be completed during current fiscal year:** Staff will remove trash and debris, provide fencing repairs, maintain access roads, remove vegetation and clean inlet and outlet structures.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

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: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	319.86	180.14	64%	
	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	6,351.30	7,719.70	45%	
	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	(7,000.00)	\$ 13,000.00	2,685.40	10,314.60	21%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 50,571.00</b>	<b>(7,000.00)</b>	<b>\$ 43,571.00</b>	<b>\$ 9,405.28</b>	<b>34,165.72</b>		<b>06/30/17</b>

Delays or problem areas:

Work completed during prior fiscal year: Repaired fencing, removed vegetation, cleaned outlet and inlet structures, and maintained access roads.

Work to be completed during current fiscal year: Staff will remove trash and debris, provide fencing repairs as needed, maintain access roads, remove vegetation, and clean inlet and outlet structures.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

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, ANEA 0030

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	(139.72)	\$ 360.28	48.72	311.56	14%	
	5 Inspect Channels	\$ 500.00	139.72	\$ 639.72	639.72	0.00	100%	
	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		\$ 1,000.00	0.00	1,000.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ -	1,317.75	\$ 1,317.75	1,317.75	0.00	100%	
	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	0.00	3,500.00	0%	
	40 Vegetation Control - Chemical	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	45 Vegetation Control - Mechanical	\$ -	2,733.07	\$ 2,733.07	2,733.07	0.00	100%	
	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	7,969.48	\$ 22,040.48	22,040.48	0.00	100%	
	70 Storm Sewer Repair	\$ -		\$ -	0.00	0.00		
	75 Clean/Flush Culverts & Bridges	\$ 52,000.00	(37,020.30)	\$ 14,979.70	0.00	14,979.70	0%	
	80 Miscellaneous Work Activities	\$ 20,000.00	(5,500.00)	\$ 14,500.00	4,427.46	10,072.54	31%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 95,071.00</b>	<b>(30,500.00)</b>	<b>\$ 64,571.00</b>	<b>\$ 31,207.20</b>	<b>33,363.80</b>		<b>06/30/17</b>

Delays or problem areas:

Work completed during prior fiscal year: Repaired fencing, provided vegetation removal, and cleaned inlet and outlet structures.

Work to be completed during current fiscal year: Staff will provide trash and debris removal, repair fencing as needed, maintain access roads, remove vegetation as needed, and clean inlet and outlet structures.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

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: 01/24/17

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	48.72	451.28	10%	
	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	157.78	1,342.22	11%	
	8 Species Survey and Removal	\$ 1,500.00		\$ 1,500.00	0.00	1,500.00	0%	
	10 Clean and Reshape Channel/Levees	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 106,000.00	(81,774.34)	\$ 24,225.66	0.00	24,225.66	0%	
	21 Provide/Maintain Dust Control	\$ 25,000.00	(4,629.75)	\$ 20,370.25	0.00	20,370.25	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		\$ 20,000.00	717.44	19,282.56	4%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 162,000.00</b>	<b>(86,404.09)</b>	<b>\$ 75,595.91</b>	<b>\$ 923.94</b>	<b>74,671.97</b>		<b>06/30/17</b>

Delays or problem areas:

Work completed during prior fiscal year: Staff provided major erosion control, fencing repairs, vegetation removal and dust control.

Work to be completed during current fiscal year: Staff will provide fencing, vegetation removal and dust control as needed, maintain access roads, and monitor and inspect levee.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

MWP Facility #: NLV18  
 Facility Name: Cheyenne Peaking Basin  
 MP Facility ID: LVMD 1594-1647

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ -		\$ -	0.00	0.00		
	6 Inspect Levees/Detention Basin & Debris Basins	\$ 1,000.00		\$ 1,000.00	319.86	680.14	32%	
	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	\$ 10,000.00		\$ 10,000.00	0.00	10,000.00	0%	
	35 Fence Repair	\$ 5,000.00		\$ 5,000.00	0.00	5,000.00	0%	
	40 Vegetation Control - Chemical	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	45 Vegetation Control - Mechanical	\$ 3,500.00		\$ 3,500.00	0.00	3,500.00	0%	
	50 Maintain Access Road	\$ 3,000.00		\$ 3,000.00	0.00	3,000.00	0%	
	55 Clean & Inspect Inlet/Outlet Structures	\$ 1,500.00		\$ 1,500.00	0.00	1,500.00	0%	
	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	\$ 2,000.00		\$ 2,000.00	0.00	2,000.00	0%	
	80 Miscellaneous Work Activities	\$ 24,000.00		\$ 24,000.00	2,717.02	21,282.98	11%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 68,071.00</b>	<b>0.00</b>	<b>\$ 68,071.00</b>	<b>\$ 3,085.60</b>	<b>64,985.40</b>		<b>06/30/17</b>

Delays or problem areas:

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.

Work to be completed during current fiscal year: Staff will provide fencing, dust control as needed, removal of any trash and debris, maintain access roads, and clean inlet and outlet structures.

Consultant/  
 Contractor:  
 Project  
 Manager: John Runiks

633-1267

**Regional Flood Control District  
Maintenance Work Program  
2ND Qtr FY 2016-2017 (Dec 2016)**

MWP Facility #: NLV19  
 Facility Name: Las Vegas Wash-Middle, Cheyenne Ave. to Owens Avenue  
 MP Facility ID: LVMD 1355-1550

Entity: City of North Las Vegas  
 Date Prepared: 01/24/17

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	48.72	451.28	10%	
	5 Inspect Channels	\$ 500.00		\$ 500.00	479.79	20.21	96%	
	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	\$ 81,500.00	(4,674.85)	\$ 76,825.15	0.00	76,825.15	0%	
	15 Repair Lined Channel	\$ -		\$ -	0.00	0.00		
	20 Erosion Control and Repair	\$ 5,000.00		\$ 5,000.00	0.00	5,000.00	0%	
	21 Provide/Maintain Dust Control	\$ 5,000.00		\$ 5,000.00	0.00	5,000.00	0%	
	25 Clean Detention/Debris Basin	\$ -		\$ -	0.00	0.00		
	35 Fence Repair	\$ 5,000.00		\$ 5,000.00	957.50	4,042.50	19%	
	40 Vegetation Control - Chemical	\$ 5,000.00		\$ 5,000.00	0.00	5,000.00	0%	
	45 Vegetation Control - Mechanical	\$ 10,500.00		\$ 10,500.00	0.00	10,500.00	0%	
	50 Maintain Access Road	\$ 19,000.00		\$ 19,000.00	0.00	19,000.00	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	\$ 17,073.00		\$ 17,073.00	0.00	17,073.00	0%	
	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	\$ 24,000.00		\$ 24,000.00	4,306.26	19,693.74	18%	
	85 Engineering	\$ -		\$ -	0.00	0.00		
	<b>TOTALS</b>	<b>\$ 176,573.00</b>	<b>(4,674.85)</b>	<b>\$ 171,898.15</b>	<b>\$ 5,792.27</b>	<b>166,105.88</b>		<b>06/30/17</b>

Delays or problem areas:

**Work completed during prior fiscal year:** Staff provided major channel cleaning and removal of vegetation, silt and trash. Replaced access roads and provided major fencing repairs. North Las Vegas working with the City of Las Vegas, removed encampments many times during the winter. Las Vegas is planning to work the area under the bridge providing slurried rock application limiting access under the bridge.

**Work to be completed during current fiscal year:** Staff will provide channel cleaning and removal of vegetation, silt and trash. Staff will replace any washed out access roads and provide fencing repairs as needed. Staff will provide more site inspections to limit encampments.

Consultant/  
 Contractor: \_\_\_\_\_  
 Project  
 Manager: John Runiks

633-1267

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**DUCK CREEK, LAS VEGAS BOULEVARD  
AWARD OF BID FOR CONSTRUCTION – CLA08T14**

**RECOMMENDATION SUMMARY**

**STAFF:** Receive the report.

**TECHNICAL ADVISORY:** Receive the report.

**CITIZENS ADVISORY:** Receive the report.

**RFCD AGENDA  
ITEM #09  
DATE: 02/09/17**



**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

<b>SUBJECT:</b>  DUCK CREEK, LAS VEGAS BOULEVARD
<b>PETITIONER:</b>  DENIS CEDERBURG, DIRECTOR OF PUBLIC WORKS
<b>RECOMMENDATION OF PETITIONER:</b>  THAT THE REGIONAL FLOOD CONTROL DISTRICT RECEIVE A REPORT ON THE RECOMMENDATION FOR BEST BID FOR CONSTRUCTION OF DUCK CREEK, LAS VEGAS BOULEVARD- CLA08T14

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

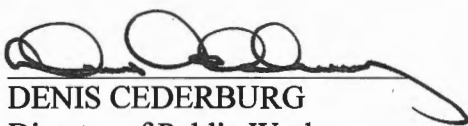
Funding will be provided as follows:

\$ 6,284,839.53	Funding by Regional Flood Control District
\$ 9,737,088.54	Funding by Regional Transportation Commission
\$12,672,753.93	Funding by Special Improvement District
\$ 1,378,742.00	Funding by Clark County
<u>\$30,073,424.00</u>	Total

**BACKGROUND:**

On October 14, 2016, bids were opened for the subject project. Nine bids were received ranging from \$29,205,265.45 to \$33,468,060.00. The recommended best bid is to Las Vegas Paving Corporation in the amount of \$30,073,424.00, or 6.62% below the engineer's estimate of \$32,205,530.00 presented to the District Board on September 11, 2014. The lowest bidder was ineligible to receive a preference in bidding. Further reasons for the award are shown in the attached Notice of Intent to Award. The interlocal contract dated September 11, 2014, between the District and the County, allocates \$6,800,000.00 for construction of this project. A cash flow projection, estimated construction schedule, and a tabulation of bids are attached.

Respectfully submitted,

  
DENIS CEDERBURG  
Director of Public Works  
DC:CB

<b>TAC AGENDA ITEM #07 Date: 01.26.17</b>	<b>RFCD AGENDA ITEM # 09 Date: 02.09.17</b>
<b>CAC AGENDA ITEM # 07 Date: 01.30.17</b>	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<p><b>Staff Discussion:</b></p> <p>DUCK CREEK, LAS VEGAS BOULEVARD AWARD OF BID FOR CONSTRUCTION – CLA08T14</p> <p>On October 14, 2016, bids were opened for the project. Nine bids were received ranging in cost from \$29,205,265.45 to \$33,468,060.00. The recommended best bid is to Las Vegas Paving Corporation in the amount of \$30,073,424.00, or 6.62% lower than the engineer’s estimate of \$32,205,530.00, presented to the District Board in September 2014. The lowest bidder was ineligible to receive a preference in bidding. Attached is a revised Notification of Intent to Award to second lowest bidder.</p> <p>The interlocal contract dated September 11, 2014, between the District and the County allocates \$6,800,000.00 for construction of this project.</p> <p>A cash flow projection, estimated construction schedule, and a tabulation of bids are attached.</p>	<p>Date: 01/17/17</p>
<p><b>Staff Recommendation:</b></p> <p>Receive the report.</p>	
<p><b>Discussion by Technical Advisory Committee:</b></p>	<p>AGENDA #07 Date: 01/26/17</p>
<p><b>Recommendation:</b></p> <p>Receive the report.</p>	
<p><b>Discussion by Citizens Advisory Committee:</b></p>	<p>AGENDA #07 Date: 01/30/17</p>
<p><b>Recommendation:</b></p> <p>Receive the report.</p>	



# Department of Administrative Services

## Purchasing and Contracts

500 S Grand Central Pky 4th Fl • Box 551217 • Las Vegas NV 89155-1217  
(702) 455-2897 • Fax (702) 386-4914

Sabra Smith Newby, Chief Administrative Officer  
Adleen B. Stidhum, Purchasing Manager



### REVISED NOTIFICATION OF INTENT TO AWARD

NOVEMBER 7, 2016

It is the intent of the Clark County Administrative Services Department, Purchasing and Contracts Division, to recommend the award of Bid No. 604083-16, titled Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard, to the Best Bidder in accordance with NRS 338.147 to Las Vegas Paving Corporation, on or after December 6, 2016. The award will be final after the receipt of the required bonds and/or insurance.

#### BID SUMMARY

<u>Bids Received:</u>	<u>Bid Amounts</u>	<u>Add Alternates</u>	<u>Total Bid Amount</u>
Security Paving Company, Inc.	\$28,664,581.45 *1, *2	\$ 540,684.00 *5	\$29,205,265.45
Las Vegas Paving Corporation	\$28,694,682.00 *3	\$1,378,742.00	\$30,073,424.00
Ames Construction, Inc.	\$29,174,588.41	\$1,035,321.25 *6	\$30,209,909.66
TAB Contractors, Inc.	\$29,810,412.00	\$1,080,324.00	\$30,890,736.00
Contri Construction Company	\$30,280,400.00	\$ 899,838.00	\$31,180,238.00
Meadow Valley Contractors, Inc.	\$31,408,097.10	\$1,037,930.00	\$32,446,027.10
Renda Pacific LLC	\$31,638,612.00	\$ 838,840.00	\$32,477,452.00
Western States Contracting Inc.	\$32,266,968.20 *4	\$1,018,153.00	\$33,285,121.20
Mountain Cascade of Nevada	\$32,546,111.00	\$ 921,949.00	\$33,468,060.00

- \*1 Bid amount \$28,665,707.24, verified total of \$28,664,581.45, error correction of -\$1,125.79
- \*2 Ineligible to receive a preference in bidding on public works projects
- \*3 Best Bidder in accordance with NRS 338.147 as they are 1) a responsible and responsive contractor, 2) have a valid certificate of eligibility to receive a preference in bidding on public works projects and have submitted the affidavit form, and 3) is not more than 5 percent higher than the bid submitted by the lowest responsive and responsible bidder who has not submitted the affidavit form.
- \*4 Bid amount \$32,267,268.20, verified total of \$32,266,968.20, error correction of -\$300.00.
- \*5 Add Alt Bid amount \$729,684.00, verified total of \$540,684.00, error correction of -\$189,000.00
- \*6 Add Alt Bid amount \$1,035,321.23, verified total of \$1,035,321.25, error correction of \$0.02

In accordance with the Protests Clause, Clause 16, located in Section 1, beginning on page 1-10 in the referenced Invitation To Bid document, all Bidders have up to 5 working days from the date of this letter to submit a formal written protest, accompanied by a bid protest bond in the amount of 25% of the base bid or \$250,000, whichever is less, to the Purchasing Analyst. The Board of County Commissioners is not required to consider any protest that is not filed in accordance with the Protest Clause in the referenced bid document. The Board of County Commissioners is not required to consider any protest that is not filed in accordance with the Protest Clause in the referenced bid document.

If you have any questions concerning this notification, please contact the Purchasing Analyst at [tboldt@clarkcountynv.gov](mailto:tboldt@clarkcountynv.gov).

ISSUED BY:

THOMAS E. BOLDT C.P.M.  
Senior Purchasing Analyst

Cc: John Catanese, Public Works  
Mike Mamer, Public Works  
Cindy Beauchamp, Public Works  
Adleen Stidhum, Purchasing Manager

BOARD OF COUNTY COMMISSIONERS  
STEVE SISOLAK, Chairman • LARRY BROWN, Vice Chairman  
SUSAN BRAGER • CHRIS GIUNCHIGLIANI • MARILYN KIRKPATRICK • MARY BETH SCOW • LAWRENCE WEEKLY  
DONALD G. BURNETTE, County Manager

Flood Control District Cash Flow Projection

Today's Date: January-17

Project Number: CLA08T14  
 Project Name: Duck Creek, Las Vegas Boulevard  
 Project Type: Channel  
 ILC Amount: \$ 7,400,000 \$ 7,400,000

Milestone	Construction Schedule		
	Estimate	Revised	Actual
Award of Bid	January-15	December-16	
CONS Start	March-15	June-17	
CONS Complete	February-16	May-18	
Project Duration	12 months	12 months	

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate	
	\$	%	\$	%	\$	%	\$	%
Mar-15	370,000	5%						
Apr-15	740,000	10%						
May-15	740,000	10%						
Jun-15	740,000	10%						
Jul-15	740,000	10%						
Aug-15	740,000	10%						
Sep-15	740,000	10%						
Oct-15	740,000	10%						
Nov-15	740,000	10%						
Dec-15	370,000	5%						
Jan-16	370,000	5%						
Feb-16	370,000	5%						
Jun-17	0						370,000	5%
Jul-17	0						740,000	10%
Aug-17	0						740,000	10%
Sep-17	0						740,000	10%
Oct-17	0						740,000	10%
Nov-17	0						740,000	10%
Dec-17	0						740,000	10%
Jan-18	0						740,000	10%
Feb-18	0						740,000	10%
Mar-18	0						370,000	5%
Apr-18	0						370,000	5%
May-18	0						370,000	5%
<b>Total</b>	<b>\$ 7,400,000</b>	<b>100%</b>					<b>\$ 7,400,000</b>	<b>100%</b>

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

BID ABSTRACT

Item No.	Description	Quantity	Unit	Engineer's Estimate		Security Paving Company, Inc.		Las Vegas Paving Corporation	
				Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
107.01	TRAFFIC CONTROL	360	DAY	\$1,000.00	\$360,000.00	\$250.00	\$90,000.00	\$1,850.00	\$666,000.00
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00
109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	15	DAY	\$500.00	\$7,500.00	\$500.00	\$7,500.00	\$500.00	\$7,500.00
109.03	HISTORICAL OWNER CAUSED DELAY ALLOWANCE OVER \$500/DAY	15	DAY	\$750.00	\$11,250.00	\$484.00	\$7,260.00	\$1.00	\$15.00
110.01	TRAINING	1,000	HOUR	\$1.40	\$1,400.00	\$1.40	\$1,400.00	\$1.40	\$1,400.00
200.01	MOBILIZATION	1	LS	\$1,500,000.00	\$1,500,000.00	\$635,000.00	\$635,000.00	\$1,340,000.75	\$1,340,000.75
201.01	CLEARING AND GRUBBING	1	LS	\$75,000.00	\$75,000.00	\$21,500.00	\$21,500.00	\$300,000.00	\$300,000.00
202.01	REMOVE STORM DRAIN	940	LF	\$20.00	\$18,800.00	\$33.50	\$31,490.00	\$68.00	\$63,920.00
202.02	REMOVE STORM DRAIN PIPE (66-INCH)	317	LF	\$50.00	\$15,850.00	\$39.00	\$12,363.00	\$95.00	\$30,115.00
202.03	REMOVE STORM DRAIN MANHOLE	3	EA	\$2,000.00	\$6,000.00	\$2,150.00	\$6,450.00	\$1,850.00	\$5,550.00
202.04	ABANDON STORM DRAIN PIPE (12-INCH)	2	EA	\$2,500.00	\$5,000.00	\$2,420.00	\$4,840.00	\$3,500.00	\$7,000.00
202.05	REMOVE BITUMINOUS PAVEMENT	87,500	SY	\$3.00	\$262,500.00	\$2.90	\$253,750.00	\$2.00	\$175,000.00
202.06	REMOVE CONCRETE SIDEWALK	990	SF	\$3.00	\$2,970.00	\$1.80	\$1,782.00	\$3.00	\$2,970.00
202.07	REMOVE CONCRETE CURB AND GUTTER	115	LF	\$5.00	\$575.00	\$14.00	\$1,610.00	\$10.00	\$1,150.00
202.08	REMOVE TRAFFIC STRIPING	1	LS	\$10,000.00	\$10,000.00	\$2,690.00	\$2,690.00	\$5,350.00	\$5,350.00
202.09	REMOVE AND SALVAGE SIGN	36	EA	\$150.00	\$5,400.00	\$59.00	\$2,124.00	\$31.00	\$1,116.00
202.10	REMOVE PULL BOX	10	EA	\$150.00	\$1,500.00	\$156.00	\$1,560.00	\$155.00	\$1,550.00
203.01	ROADWAY EXCAVATION	77,000	CY	\$9.00	\$693,000.00	\$19.60	\$1,509,200.00	\$7.00	\$539,000.00
302.01	TYPE II AGGREGATE BASE	36,750	CY	\$24.00	\$882,000.00	\$19.00	\$698,250.00	\$20.00	\$735,000.00
402.01	5-INCH PLANTMIX BITUMINOUS SURFACE	112,000	SY	\$23.00	\$2,576,000.00	\$19.92	\$2,231,040.00	\$18.00	\$2,016,000.00
402.02	6-INCH PLANTMIX BITUMINOUS SURFACE	39,500	SY	\$27.00	\$1,066,500.00	\$24.05	\$950,000.00	\$22.00	\$869,000.00
407.01	SEAL COAT	151,500	SY	\$0.30	\$45,450.00	\$0.30	\$45,450.00	\$0.15	\$22,725.00
412.01	TYPE III SLURRY SEAL	9,400	SY	\$8.00	\$75,200.00	\$2.30	\$21,620.00	\$7.25	\$68,150.00
502.01	TRANSITION STRUCTURE ("LVB SD" 545+99.19 TO 546+85.24)	1	EA	\$210,000.00	\$210,000.00	\$233,000.00	\$233,000.00	\$290,000.00	\$290,000.00
502.02	22-FOOT X 8-FOOT RCB	375	LF	\$1,685.00	\$631,875.00	\$2,370.00	\$888,750.00	\$2,130.00	\$798,750.00
502.03	TRANSITION STRUCTURE ("LVB SD" 550+60.06 TO 551+88.20)	128	LF	\$2,250.00	\$288,000.00	\$1,550.00	\$198,400.00	\$2,300.00	\$294,400.00
502.04	18-FOOT X 8-FOOT RCB	277	LF	\$1,160.00	\$321,320.00	\$1,720.00	\$476,440.00	\$1,490.00	\$412,730.00

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

BID ABSTRACT

Item No.	Description	Quantity	Unit	Engineer's Estimate		Security Paving Company, Inc.		Las Vegas Paving Corporation	
				Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
502.05	TRANSITION STRUCTURE (*LVB SD* 554+65.58 TO 554+85.58)	20	LF	\$1,700.00	\$34,000.00	\$1,540.00	\$30,800.00	\$2,200.00	\$44,000.00
502.06	16-FOOT X 8-FOOT RCB	240	LF	\$1,020.00	\$244,800.00	\$1,510.00	\$362,400.00	\$1,180.00	\$283,200.00
502.07	TRANSITION STRUCTURE (*LVB SD* 557+25.00 TO 557+45.00)	20	LF	\$1,350.00	\$27,000.00	\$1,490.00	\$29,800.00	\$2,150.00	\$43,000.00
502.08	15-FOOT X 8-FOOT RCB	11,055	LF	\$925.00	\$10,225,875.00	\$1,046.59	\$11,570,052.45	\$974.00	\$10,767,570.00
502.09	TRANSITION STRUCTURE (*LVB SD* 668+00.00 TO 668+20.00)	20	LF	\$1,250.00	\$25,000.00	\$1,480.00	\$29,600.00	\$2,100.00	\$42,000.00
502.10	14-FOOT X 8-FOOT RCB	405	LF	\$905.00	\$366,525.00	\$1,310.00	\$530,550.00	\$1,110.00	\$449,550.00
502.11	TRANSITION STRUCTURE (*LVB SD* 672+25.33 TO 672+45.33)	20	LF	\$900.00	\$18,000.00	\$1,460.00	\$29,200.00	\$2,000.00	\$40,000.00
502.12	13-FOOT X 8-FOOT RCB	241	LF	\$840.00	\$202,440.00	\$1,190.00	\$286,790.00	\$970.00	\$233,770.00
502.13	RECTANGULAR CHANNEL PENETRATION (*LVB SD* 674+85.84)	1	EA	\$17,500.00	\$17,500.00	\$28,600.00	\$28,600.00	\$42,000.00	\$42,000.00
502.14	RCB PENETRATION (*LVB* 63+60)	1	EA	\$12,000.00	\$12,000.00	\$39,800.00	\$39,800.00	\$19,000.00	\$19,000.00
502.15	JUNCTION STRUCTURE (*LVB* 77+18)	1	EA	\$12,000.00	\$12,000.00	\$40,400.00	\$40,400.00	\$22,000.00	\$22,000.00
502.16	RCB PENETRATION (*LVB* 90+67)	1	EA	\$12,000.00	\$12,000.00	\$39,800.00	\$39,800.00	\$20,000.00	\$20,000.00
502.17	JUNCTION STRUCTURE (*LVB* 118+10)	1	EA	\$11,000.00	\$11,000.00	\$40,400.00	\$40,400.00	\$21,500.00	\$21,500.00
502.18	RCB PENETRATION (*LVB* 120+09)	1	EA	\$12,000.00	\$12,000.00	\$39,800.00	\$39,800.00	\$20,000.00	\$20,000.00
502.19	JUNCTION STRUCTURE (*LVB* 143+92)	1	EA	\$11,000.00	\$11,000.00	\$40,400.00	\$40,400.00	\$20,500.00	\$20,500.00
502.20	JUNCTION STRUCTURE (*LVB* 170+65)	1	EA	\$11,000.00	\$11,000.00	\$40,400.00	\$40,400.00	\$20,500.00	\$20,500.00
502.21	8-FOOT X 6-FOOT RCB	176	LF	\$400.00	\$70,400.00	\$868.00	\$152,768.00	\$610.00	\$107,360.00
502.22	9-FOOT X 6-FOOT RCB	87	LF	\$465.00	\$40,455.00	\$1,230.00	\$107,010.00	\$875.00	\$76,125.00
502.23	11-FOOT X 6-FOOT RCB	71	LF	\$565.00	\$40,115.00	\$1,550.00	\$110,050.00	\$1,155.00	\$82,005.00
502.24	8-FOOT X 6-FOOT RCB PLUG	2	EA	\$2,700.00	\$5,400.00	\$3,220.00	\$6,440.00	\$3,200.00	\$6,400.00
502.25	9-FOOT X 6-FOOT RCB PLUG	1	EA	\$3,100.00	\$3,100.00	\$3,760.00	\$3,760.00	\$3,400.00	\$3,400.00
502.26	11-FOOT X 6-FOOT RCB PLUG	1	EA	\$3,700.00	\$3,700.00	\$4,840.00	\$4,840.00	\$3,700.00	\$3,700.00
603.01	18-INCH RCP STORM DRAIN (CLASS III)	421	LF	\$90.00	\$37,890.00	\$143.00	\$60,203.00	\$130.00	\$54,730.00
603.02	18-INCH RCP STORM DRAIN (CLASS IV)	113	LF	\$130.00	\$14,690.00	\$160.00	\$18,080.00	\$150.00	\$16,950.00
603.03	24-INCH RCP STORM DRAIN (CLASS III)	924	LF	\$110.00	\$101,640.00	\$152.00	\$140,448.00	\$166.00	\$153,384.00
603.04	24-INCH RCP STORM DRAIN (CLASS IV)	346	LF	\$150.00	\$51,900.00	\$144.00	\$49,824.00	\$170.00	\$58,820.00
603.05	24-INCH RCP STORM DRAIN (CLASS V)	152	LF	\$160.00	\$24,320.00	\$176.00	\$26,752.00	\$192.00	\$29,184.00

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

BID ABSTRACT

Item No.	Description	Quantity	Unit	Engineer's Estimate		Security Paving Company, Inc.		Las Vegas Paving Corporation	
				Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
603.06	36-INCH RCP STORM DRAIN (CLASS III)	117	LF	\$200.00	\$23,400.00	\$203.00	\$23,751.00	\$235.00	\$27,495.00
603.07	60-INCH RCP STORM DRAIN (CLASS III)	80	LF	\$300.00	\$24,000.00	\$335.00	\$26,800.00	\$330.00	\$26,400.00
603.08	72-INCH RCP STORM DRAIN (CLASS IV)	80	LF	\$450.00	\$36,000.00	\$643.00	\$51,440.00	\$510.00	\$40,800.00
603.09	58-INCH X 91-INCH HERCP STORM DRAIN (CLASS III)	82	LF	\$500.00	\$41,000.00	\$864.00	\$70,848.00	\$730.00	\$59,860.00
603.10	24-INCH RCP STORM DRAIN PLUG	5	EA	\$500.00	\$2,500.00	\$365.00	\$1,825.00	\$650.00	\$3,250.00
603.11	60-INCH RCP STORM DRAIN PLUG	1	EA	\$1,800.00	\$1,800.00	\$1,020.00	\$1,020.00	\$1,380.00	\$1,380.00
603.12	58-INCH X 91-INCH HERCP STORM DRAIN PLUG	1	EA	\$2,000.00	\$2,000.00	\$1,290.00	\$1,290.00	\$1,500.00	\$1,500.00
603.13	18-INCH RCP PRECAST END SECTION	1	EA	\$1,000.00	\$1,000.00	\$1,100.00	\$1,100.00	\$1,100.00	\$1,100.00
603.14	24-INCH RCP PRECAST END SECTION	3	EA	\$1,250.00	\$3,750.00	\$1,330.00	\$3,990.00	\$1,500.00	\$4,500.00
603.15	24-INCH METAL END SECTION (SAFETY TYPE)	2	EA	\$2,000.00	\$4,000.00	\$629.00	\$1,258.00	\$1,680.00	\$3,360.00
605.01	18-INCH PVC C905 STORM DRAIN PIPE	45	LF	\$340.00	\$15,300.00	\$214.00	\$9,630.00	\$160.00	\$7,200.00
605.02	24-INCH PVC C905 STORM DRAIN PIPE	135	LF	\$450.00	\$60,750.00	\$110.00	\$14,850.00	\$160.00	\$21,600.00
609.01	48-INCH ACCESS STORM DRAIN MANHOLE	34	EA	\$3,000.00	\$102,000.00	\$2,500.00	\$85,000.00	\$2,670.00	\$90,780.00
609.02	60-INCH TYPE I STORM DRAIN MANHOLE	4	EA	\$5,000.00	\$20,000.00	\$6,020.00	\$24,080.00	\$6,450.00	\$25,800.00
609.03	60-INCH TYPE III STORM DRAIN MANHOLE (ANGLE POINT)	3	EA	\$7,500.00	\$22,500.00	\$7,630.00	\$22,890.00	\$8,450.00	\$25,350.00
609.04	NDOT TYPE 4 STORM DRAIN MANHOLE	2	EA	\$12,000.00	\$24,000.00	\$13,900.00	\$27,800.00	\$14,400.00	\$28,800.00
609.05	NDOT TYPE 2A DROP INLET WITH CONCRETE APRON	16	EA	\$5,000.00	\$80,000.00	\$7,410.00	\$118,560.00	\$5,500.00	\$88,000.00
609.06	TYPE CM DROP INLET (L=12.5')	1	EA	\$13,500.00	\$13,500.00	\$12,900.00	\$12,900.00	\$14,400.00	\$14,400.00
609.07	ADJUST STORM DRAIN MANHOLE FRAME AND COVER	2	EA	\$750.00	\$1,500.00	\$1,290.00	\$2,580.00	\$650.00	\$1,300.00
613.01	TACK-ON MEDIAN	13,800	SF	\$6.50	\$89,700.00	\$8.40	\$115,920.00	\$6.30	\$86,940.00
613.02	CONCRETE "A" TYPE CURB	23,700	LF	\$12.50	\$296,250.00	\$13.00	\$308,100.00	\$12.70	\$300,990.00
613.03	CONCRETE MEDIAN SURFACE	5,975	SF	\$6.00	\$35,850.00	\$5.60	\$33,460.00	\$5.80	\$34,655.00
613.04	CONCRETE "L" TYPE CURB AND GUTTER	201	LF	\$30.00	\$6,030.00	\$21.00	\$4,221.00	\$32.00	\$6,432.00
613.05	CONCRETE SIDEWALK	923	SF	\$10.00	\$9,230.00	\$6.00	\$5,538.00	\$11.00	\$10,153.00
616.01	REMOVE AND RESET FENCE AND GATE	1	LS	\$3,000.00	\$3,000.00	\$3,440.00	\$3,440.00	\$4,425.00	\$4,425.00
619.01	MEDIAN MARKER POST	63	EA	\$150.00	\$9,450.00	\$196.00	\$12,348.00	\$200.00	\$12,600.00
623.01	1-1/4-INCH PVC CONDUIT	2,635	LF	\$10.00	\$26,350.00	\$9.00	\$23,715.00	\$9.00	\$23,715.00

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Bid Number: 604083-16

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BID ABSTRACT

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				Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
623.02	2-INCH PVC CONDUIT	5,700	LF	\$12.00	\$68,400.00	\$9.70	\$55,290.00	\$9.50	\$54,150.00
623.03	3-INCH PVC CONDUIT	8,560	LF	\$14.00	\$119,840.00	\$12.00	\$102,720.00	\$11.75	\$100,580.00
623.04	4-INCH PVC CONDUIT (ITS)	2,900	LF	\$16.00	\$46,400.00	\$12.00	\$34,800.00	\$12.00	\$34,800.00
623.05	(4) 4-INCH PVC CONDUIT (FUTURE POWER)	190	LF	\$30.00	\$5,700.00	\$46.00	\$8,740.00	\$45.50	\$8,645.00
623.06	NO. 3-1/2 PULL BOX	14	EA	\$600.00	\$8,400.00	\$419.00	\$5,866.00	\$413.00	\$5,782.00
623.07	NO. 5 PULL BOX	5	EA	\$800.00	\$4,000.00	\$634.00	\$3,170.00	\$625.00	\$3,125.00
623.08	DOUBLE STACKED NO. 7 PULL BOX	21	EA	\$1,000.00	\$21,000.00	\$2,180.00	\$45,780.00	\$2,150.00	\$45,150.00
623.09	P30 PULL BOX	17	EA	\$1,000.00	\$17,000.00	\$1,260.00	\$21,420.00	\$1,250.00	\$21,250.00
623.10	TYPE 200 SPLICE VAULT	4	EA	\$6,000.00	\$24,000.00	\$5,260.00	\$21,040.00	\$5,200.00	\$20,800.00
623.11	TRAFFIC SIGNAL MODIFICATIONS AT LAS VEGAS BLVD/CACTUS AVE	1	LS	\$100,000.00	\$100,000.00	\$76,000.00	\$76,000.00	\$125,000.00	\$125,000.00
623.12	REMOVE AND RESET STREET LIGHT	1	EA	\$3,500.00	\$3,500.00	\$4,190.00	\$4,190.00	\$4,150.00	\$4,150.00
624.01	TYPE IIIA BARRICADE	42	EA	\$600.00	\$25,200.00	\$591.00	\$24,822.00	\$350.00	\$14,700.00
627.01	PERMANENT SIGNS (GROUND MOUNTED)(METAL SUPPORTS)	75	EA	\$175.00	\$13,125.00	\$231.00	\$17,325.00	\$240.00	\$18,000.00
628.01	POLYUREA PAVEMENT MARKINGS (4-INCH SOLID WHITE)	31,750	LF	\$1.50	\$47,625.00	\$0.50	\$15,875.00	\$0.57	\$18,097.50
628.02	POLYUREA PAVEMENT MARKINGS (8-INCH SOLID WHITE)	1,230	LF	\$3.00	\$3,690.00	\$1.10	\$1,353.00	\$1.15	\$1,414.50
628.03	POLYUREA PAVEMENT MARKINGS (24-INCH SOLID WHITE)	1,950	LF	\$3.00	\$5,850.00	\$6.50	\$12,675.00	\$6.60	\$12,870.00
628.04	POLYUREA PAVEMENT MARKINGS (24-INCH SOLID YELLOW)	125	LF	\$8.00	\$1,000.00	\$6.20	\$775.00	\$6.60	\$825.00
628.05	POLYUREA PAVEMENT MARKINGS (VARIES)(WHITE)	1,750	SF	\$5.00	\$8,750.00	\$3.20	\$5,600.00	\$3.30	\$5,775.00
628.06	POLYUREA PAVEMENT MARKINGS (VARIES)(YELLOW)	210	SF	\$5.00	\$1,050.00	\$3.20	\$672.00	\$3.30	\$693.00
628.07	TYPE 2 PERMANENT PAVEMENT MARKING FILM (24-INCH SOLID WHITE)	1,400	LF	\$8.00	\$11,200.00	\$11.50	\$16,100.00	\$13.00	\$18,200.00
628.08	TYPE 2 PERMANENT PAVEMENT MARKING FILM (ARROWS)	182	EA	\$125.00	\$22,750.00	\$188.00	\$34,216.00	\$160.00	\$29,120.00
628.09	TYPE 2 PERMANENT PAVEMENT MARKING FILM ("ONLY")	9	EA	\$175.00	\$1,575.00	\$274.00	\$2,466.00	\$265.00	\$2,385.00
628.10	MEDIAN PAINT (YELLOW)	2,615	SF	\$0.80	\$2,092.00	\$0.80	\$2,092.00	\$1.40	\$3,661.00
628.11	MEDIAN PAINT (WHITE)	4,325	SF	\$0.80	\$3,460.00	\$0.80	\$3,460.00	\$1.40	\$6,055.00
629.01	24-INCH WATERLINE RELOCATION ("LVB" 63+33)	1	LS	\$230,000.00	\$230,000.00	\$94,600.00	\$94,600.00	\$150,000.00	\$150,000.00
629.02	24-INCH WATERLINE RELOCATION ("LVB" 63+70)	1	LS	\$308,000.00	\$308,000.00	\$103,000.00	\$103,000.00	\$180,000.00	\$180,000.00
629.03	24-INCH WATERLINE RELOCATION ("LVB" 169+89)	1	LS	\$121,000.00	\$121,000.00	\$42,400.00	\$42,400.00	\$55,000.00	\$55,000.00



Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

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Bid Number: 604083-16

Opening Date: October 14, 2016

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**BID ABSTRACT**

Item No.	Description	Quantity	Unit	Engineer's Estimate		Security Paving Company, Inc.		Las Vegas Paving Corporation	
				Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
629.04	20-INCH WATERLINE RELOCATION ("LVB" 170+51)	1	LS	\$79,000.00	\$79,000.00	\$36,700.00	\$36,700.00	\$48,000.00	\$48,000.00
629.05	20-INCH WATERLINE RELOCATION ("LVB" 173+74)	1	LS	\$175,000.00	\$175,000.00	\$48,100.00	\$48,100.00	\$68,000.00	\$68,000.00
629.06	18-INCH STEEL WATERLINE SLEEVE	108	LF	\$160.00	\$17,280.00	\$149.00	\$16,092.00	\$300.00	\$32,400.00
629.07	20-INCH STEEL WATERLINE SLEEVE	363	LF	\$180.00	\$65,340.00	\$152.00	\$55,176.00	\$305.00	\$110,715.00
629.08	24-INCH STEEL WATERLINE SLEEVE	216	LF	\$200.00	\$43,200.00	\$169.00	\$36,504.00	\$320.00	\$69,120.00
629.09	ADJUST WATER VALVE BOX	5	EA	\$600.00	\$3,000.00	\$537.00	\$2,685.00	\$600.00	\$3,000.00
629.10	ADJUST BLOW-OFF ASSEMBLY	1	EA	\$1,500.00	\$1,500.00	\$2,470.00	\$2,470.00	\$1,900.00	\$1,900.00
629.11	ADJUST FIRE HYDRANT	1	EA	\$1,500.00	\$1,500.00	\$3,650.00	\$3,650.00	\$2,800.00	\$2,800.00
629.12	STEEL BOLLARD	2	EA	\$750.00	\$1,500.00	\$322.00	\$644.00	\$800.00	\$1,600.00
630.01	6-INCH PVC C900 SANITARY SEWER LATERAL	2,937	LF	\$115.00	\$337,755.00	\$70.00	\$205,590.00	\$88.00	\$258,456.00
630.02	8-INCH PVC C900 SANITARY SEWER	970	LF	\$180.00	\$174,600.00	\$82.50	\$80,025.00	\$122.00	\$118,340.00
630.03	10-INCH PVC C900 SANITARY SEWER	1,057	LF	\$215.00	\$227,255.00	\$95.00	\$100,415.00	\$138.00	\$145,866.00
630.04	12-INCH PVC C900 SANITARY SEWER	642	LF	\$243.00	\$156,006.00	\$146.00	\$93,732.00	\$185.00	\$118,770.00
630.05	15-INCH PVC SANITARY SEWER	5,830	LF	\$264.00	\$1,539,120.00	\$134.00	\$781,220.00	\$159.00	\$926,970.00
630.06	18-INCH PVC SANITARY SEWER	4,133	LF	\$298.00	\$1,231,634.00	\$141.00	\$582,753.00	\$142.00	\$586,886.00
630.07	21-INCH PVC SANITARY SEWER	3,901	LF	\$332.00	\$1,295,132.00	\$153.00	\$596,853.00	\$170.00	\$663,170.00
630.08	60-INCH SANITARY SEWER MANHOLE	2	EA	\$30,000.00	\$60,000.00	\$20,700.00	\$41,400.00	\$14,230.00	\$28,460.00
630.09	72-INCH SANITARY SEWER MANHOLE	56	EA	\$40,000.00	\$2,240,000.00	\$21,142.85	\$1,184,000.00	\$23,350.00	\$1,307,600.00
630.10	16-INCH PVC C905 SANITARY SEWER	445	LF	\$310.00	\$137,950.00	\$130.87	\$58,240.00	\$123.71	\$55,055.00
630.11	30-INCH STEEL CASING (BORE AND JACK)	76	LF	\$2,200.00	\$167,200.00	\$1,240.00	\$94,240.00	\$1,400.00	\$106,400.00
630.12	ADJUST SANITARY SEWER MANHOLE COVER AND FRAME	3	EA	\$750.00	\$2,250.00	\$1,720.00	\$5,160.00	\$700.00	\$2,100.00
631.01	STREET NAME SIGNS (12-INCH)	40	EA	\$175.00	\$7,000.00	\$92.00	\$3,680.00	\$114.00	\$4,560.00
633.01	NON-REFLECTIVE PAVEMENT MARKERS	6,375	EA	\$1.50	\$9,562.50	\$2.40	\$15,300.00	\$2.25	\$14,343.75
633.02	REFLECTIVE PAVEMENT MARKERS	8,630	EA	\$2.50	\$21,575.00	\$2.50	\$21,575.00	\$2.25	\$19,417.50
637.01	DUST CONTROL	360	DAY	\$200.00	\$72,000.00	\$189.00	\$68,040.00	\$650.00	\$234,000.00
637.02	STORM WATER POLLUTION CONTROL	360	DAY	\$100.00	\$36,000.00	\$165.00	\$59,400.00	\$70.00	\$25,200.00
680.01	REMOVE ITS FIBER OPTIC CABLE AND RE-PULL IN NEW CONDUIT	1	LS	\$4,500.00	\$4,500.00	\$13,700.00	\$13,700.00	\$13,500.00	\$13,500.00

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Item No.	Description	Quantity	Unit	Engineer's Estimate		Security Paving Company, Inc.		Las Vegas Paving Corporation	
				Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
					\$0.00	#DIV/0!		#DIV/0!	
<b>ACTUAL TOTAL OF ITEMS</b>					<b>\$31,495,166.50</b>		<b>\$28,664,581.45</b>		<b>\$28,694,682.00</b>
TOTAL SHOWN ON BID SUMMARY					NA		\$28,665,707.24		\$28,694,682.00
ERROR					NA		-\$1,125.79		\$0.00

**ADDITIVE / ALTERNATE ITEMS**

<b>ADDITIVE ALTERNATIVE 1 (CCWRD UPSIZE)</b>									
630.13	10-INCH PVC C900 SANITARY SEWER	194	LF	\$ 215.00	\$ 41,710.00	\$ 137.00	\$ 26,578.00	\$ 142.00	\$ 27,548.00
630.14	12-INCH PVC C900 SANITARY SEWER	809	LF	\$ 243.00	\$ 196,587.00	\$ 149.00	\$ 120,541.00	\$ 185.00	\$ 149,665.00
630.15	ADDITIONAL COST TO UPSIZE 15-INCH PVC TO 20-INCH PVC C905 SANITARY SEWER	3,831	LF	\$ 74.00	\$ 283,494.00	\$ 13.00	\$ 49,803.00	\$ 58.00	\$ 222,198.00
630.16	ADDITIONAL COST TO UPSIZE 18-INCH PVC TO 24-INCH PVC C905 SANITARY SEWER	4,035	LF	\$ 105.00	\$ 423,675.00	\$ 26.00	\$ 104,910.00	\$ 74.00	\$ 298,590.00
630.17	ADDITIONAL COST TO UPSIZE 21-INCH PVC TO 30-INCH PVC C905 SANITARY SEWER	3,901	LF	\$ 118.00	\$ 460,318.00	\$ 52.00	\$ 202,852.00	\$ 111.00	\$ 433,011.00
630.18	60-INCH SANITARY SEWER MANHOLE	1	EA	\$ 30,000.00	\$ 30,000.00	\$ 15,000.00	\$ 15,000.00	\$ 14,230.00	\$ 14,230.00
630.19	72-INCH SANITARY SEWER MANHOLE	10	EA	\$ 40,000.00	\$ 400,000.00	\$ 2,100.00	\$ 21,000.00	\$ 23,350.00	\$ 233,500.00
<b>SUBTOTAL ADDITIVE ALTERNATIVE 1</b>					<b>\$ 1,835,784.00</b>		<b>\$ 540,684.00</b>		<b>\$ 1,378,742.00</b>
TOTAL SHOWN ON BID SUMMARY					NA		\$729,684.00		\$1,378,742.00
ERROR					NA		-\$189,000.00		\$0.00

TOTAL ADDITIVE / ALTERNATE ITEMS				\$ 1,835,784.00		\$ 540,684.00		\$ 1,378,742.00
TOTAL BID INCLUDING ADDITIVE ALTERNATE NO 1				\$ 33,330,950.50		\$ 29,205,265.45		\$ 30,073,424.00

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

Item No.	Description	Quantity	Unit	Ames Construction, Inc.		TAB Contractors, Inc.		Contrl Construction Company	
				Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
107.01	TRAFFIC CONTROL	360	DAY	\$1,154.00	\$415,440.00	\$1,200.00	\$432,000.00	\$636.00	\$228,960.00
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00
109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	15	DAY	\$500.00	\$7,500.00	\$500.00	\$7,500.00	\$500.00	\$7,500.00
109.03	HISTORICAL OWNER CAUSED DELAY ALLOWANCE OVER \$500/DAY	15	DAY	\$554.00	\$8,310.00	\$1,000.00	\$15,000.00	\$1,500.00	\$22,500.00
110.01	TRAINING	1,000	HOURL	\$1.40	\$1,400.00	\$1.40	\$1,400.00	\$1.40	\$1,400.00
200.01	MOBILIZATION	1	LS	\$2,550,000.00	\$2,550,000.00	\$490,000.00	\$490,000.00	\$1,000,000.00	\$1,000,000.00
201.01	CLEARING AND GRUBBING	1	LS	\$10,500.00	\$10,500.00	\$12,500.00	\$12,500.00	\$21,574.00	\$21,574.00
202.01	REMOVE STORM DRAIN	940	LF	\$32.50	\$30,550.00	\$22.00	\$20,680.00	\$33.00	\$31,020.00
202.02	REMOVE STORM DRAIN PIPE (66-INCH)	317	LF	\$55.00	\$17,435.00	\$22.00	\$6,974.00	\$154.00	\$48,818.00
202.03	REMOVE STORM DRAIN MANHOLE	3	EA	\$1,380.00	\$4,140.00	\$1,200.00	\$3,600.00	\$5,263.00	\$15,789.00
202.04	ABANDON STORM DRAIN PIPE (12-INCH)	2	EA	\$3,700.00	\$7,400.00	\$1,200.00	\$2,400.00	\$3,789.00	\$7,578.00
202.05	REMOVE BITUMINOUS PAVEMENT	87,500	SY	\$1.26	\$110,250.00	\$2.20	\$192,500.00	\$3.00	\$262,500.00
202.06	REMOVE CONCRETE SIDEWALK	990	SF	\$1.41	\$1,395.90	\$1.50	\$1,485.00	\$3.00	\$2,970.00
202.07	REMOVE CONCRETE CURB AND GUTTER	115	LF	\$6.40	\$736.00	\$5.00	\$575.00	\$10.00	\$1,150.00
202.08	REMOVE TRAFFIC STRIPING	1	LS	\$12,000.00	\$12,000.00	\$6,000.00	\$6,000.00	\$2,766.00	\$2,766.00
202.09	REMOVE AND SALVAGE SIGN	36	EA	\$64.00	\$2,304.00	\$40.00	\$1,440.00	\$61.00	\$2,196.00
202.10	REMOVE PULL BOX	10	EA	\$165.00	\$1,650.00	\$110.00	\$1,100.00	\$162.00	\$1,620.00
203.01	ROADWAY EXCAVATION	77,000	CY	\$6.00	\$462,000.00	\$9.20	\$708,400.00	\$18.00	\$1,386,000.00
302.01	TYPE II AGGREGATE BASE	36,750	CY	\$16.54	\$607,845.00	\$25.30	\$929,775.00	\$28.00	\$1,029,000.00
402.01	5-INCH PLANTMIX BITUMINOUS SURFACE	112,000	SY	\$20.25	\$2,268,000.00	\$20.00	\$2,240,000.00	\$22.00	\$2,464,000.00
402.02	6-INCH PLANTMIX BITUMINOUS SURFACE	39,500	SY	\$24.00	\$948,000.00	\$25.00	\$987,500.00	\$26.00	\$1,027,000.00
407.01	SEAL COAT	151,500	SY	\$0.18	\$27,270.00	\$0.20	\$30,300.00	\$0.17	\$25,755.00
412.01	TYPE III SLURRY SEAL	9,400	SY	\$7.80	\$73,320.00	\$7.50	\$70,500.00	\$7.00	\$65,800.00
502.01	TRANSITION STRUCTURE ("LVB SD" 545+99.19 TO 546+85.24)	1	EA	\$268,000.00	\$268,000.00	\$250,000.00	\$250,000.00	\$286,267.00	\$286,267.00
502.02	22-FOOT X 8-FOOT RCB	375	LF	\$1,791.00	\$671,625.00	\$2,200.00	\$825,000.00	\$2,191.00	\$821,625.00
502.03	TRANSITION STRUCTURE ("LVB SD" 550+60.06 TO 551+88.20)	128	LF	\$1,798.00	\$230,144.00	\$2,200.00	\$281,600.00	\$2,188.00	\$280,064.00
502.04	18-FOOT X 8-FOOT RCB	277	LF	\$1,426.00	\$395,002.00	\$2,000.00	\$554,000.00	\$1,609.00	\$445,693.00

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

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				Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
502.05	TRANSITION STRUCTURE ("LVB SD* 554+65.58 TO 554+85.58)	20	LF	\$2,294.00	\$45,880.00	\$2,100.00	\$42,000.00	\$2,207.00	\$44,140.00
502.06	16-FOOT X 8-FOOT RCB	240	LF	\$1,254.00	\$300,960.00	\$1,310.00	\$314,400.00	\$1,352.00	\$324,480.00
502.07	TRANSITION STRUCTURE ("LVB SD* 557+25.00 TO 557+45.00)	20	LF	\$2,200.00	\$44,000.00	\$2,010.00	\$40,200.00	\$2,076.00	\$41,520.00
502.08	15-FOOT X 8-FOOT RCB	11,055	LF	\$956.50	\$10,574,107.50	\$1,180.00	\$13,044,900.00	\$1,018.73	\$11,262,135.00
502.09	TRANSITION STRUCTURE ("LVB SD* 668+00.00 TO 668+20.00)	20	LF	\$2,007.00	\$40,140.00	\$1,910.00	\$38,200.00	\$2,015.00	\$40,300.00
502.10	14-FOOT X 8-FOOT RCB	405	LF	\$1,100.00	\$445,500.00	\$1,170.00	\$473,850.00	\$1,308.00	\$529,740.00
502.11	TRANSITION STRUCTURE ("LVB SD* 672+25.33 TO 672+45.33)	20	LF	\$2,164.00	\$43,280.00	\$2,000.00	\$40,000.00	\$1,960.00	\$39,200.00
502.12	13-FOOT X 8-FOOT RCB	241	LF	\$1,080.00	\$260,280.00	\$1,120.00	\$269,920.00	\$1,135.00	\$273,535.00
502.13	RECTANGULAR CHANNEL PENETRATION ("LVB SD* 674+85.84)	1	EA	\$40,000.00	\$40,000.00	\$27,650.00	\$27,650.00	\$47,452.00	\$47,452.00
502.14	RCB PENETRATION ("LVB* 63+60)	1	EA	\$25,000.00	\$25,000.00	\$14,100.00	\$14,100.00	\$18,433.00	\$18,433.00
502.15	JUNCTION STRUCTURE ("LVB* 77+18)	1	EA	\$27,000.00	\$27,000.00	\$19,740.00	\$19,740.00	\$22,397.00	\$22,397.00
502.16	RCB PENETRATION ("LVB* 90+67)	1	EA	\$20,000.00	\$20,000.00	\$15,330.00	\$15,330.00	\$17,968.00	\$17,968.00
502.17	JUNCTION STRUCTURE ("LVB* 118+10)	1	EA	\$26,000.00	\$26,000.00	\$18,810.00	\$18,810.00	\$23,276.00	\$23,276.00
502.18	RCB PENETRATION ("LVB* 120+09)	1	EA	\$20,000.00	\$20,000.00	\$16,430.00	\$16,430.00	\$23,199.00	\$23,199.00
502.19	JUNCTION STRUCTURE ("LVB* 143+92)	1	EA	\$28,000.00	\$28,000.00	\$16,700.00	\$16,700.00	\$21,225.00	\$21,225.00
502.20	JUNCTION STRUCTURE ("LVB* 170+65)	1	EA	\$28,000.00	\$28,000.00	\$17,324.00	\$17,324.00	\$21,225.00	\$21,225.00
502.21	8-FOOT X 6-FOOT RCB	176	LF	\$985.00	\$173,360.00	\$815.00	\$143,440.00	\$907.00	\$159,632.00
502.22	9-FOOT X 6-FOOT RCB	87	LF	\$1,400.00	\$121,800.00	\$1,065.00	\$92,655.00	\$1,100.00	\$95,700.00
502.23	11-FOOT X 6-FOOT RCB	71	LF	\$1,140.00	\$80,940.00	\$1,250.00	\$88,750.00	\$1,374.00	\$97,554.00
502.24	8-FOOT X 6-FOOT RCB PLUG	2	EA	\$4,500.00	\$9,000.00	\$2,990.00	\$5,980.00	\$3,021.00	\$6,042.00
502.25	9-FOOT X 6-FOOT RCB PLUG	1	EA	\$4,500.00	\$4,500.00	\$3,215.00	\$3,215.00	\$3,252.00	\$3,252.00
502.26	11-FOOT X 6-FOOT RCB PLUG	1	EA	\$5,300.00	\$5,300.00	\$3,570.00	\$3,570.00	\$3,609.00	\$3,609.00
603.01	18-INCH RCP STORM DRAIN (CLASS III)	421	LF	\$127.00	\$53,467.00	\$120.00	\$50,520.00	\$250.00	\$105,250.00
603.02	18-INCH RCP STORM DRAIN (CLASS IV)	113	LF	\$145.00	\$16,385.00	\$130.00	\$14,690.00	\$250.00	\$28,250.00
603.03	24-INCH RCP STORM DRAIN (CLASS III)	924	LF	\$141.00	\$130,284.00	\$135.00	\$124,740.00	\$263.00	\$243,012.00
603.04	24-INCH RCP STORM DRAIN (CLASS IV)	346	LF	\$149.00	\$51,554.00	\$148.00	\$51,208.00	\$267.00	\$92,382.00
603.05	24-INCH RCP STORM DRAIN (CLASS V)	152	LF	\$163.00	\$24,776.00	\$182.00	\$27,664.00	\$268.00	\$40,736.00

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

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				Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
603.06	36-INCH RCP STORM DRAIN (CLASS III)	117	LF	\$293.00	\$34,281.00	\$160.00	\$18,720.00	\$211.00	\$24,687.00
603.07	60-INCH RCP STORM DRAIN (CLASS III)	80	LF	\$451.00	\$36,080.00	\$383.00	\$30,640.00	\$389.00	\$31,120.00
603.08	72-INCH RCP STORM DRAIN (CLASS IV)	80	LF	\$611.00	\$48,880.00	\$605.00	\$48,400.00	\$569.00	\$45,520.00
603.09	58-INCH X 91-INCH HERCP STORM DRAIN (CLASS III)	82	LF	\$1,030.00	\$84,460.00	\$665.00	\$54,530.00	\$665.00	\$54,530.00
603.10	24-INCH RCP STORM DRAIN PLUG	5	EA	\$948.00	\$4,740.00	\$700.00	\$3,500.00	\$410.00	\$2,050.00
603.11	60-INCH RCP STORM DRAIN PLUG	1	EA	\$1,427.00	\$1,427.00	\$750.00	\$750.00	\$630.00	\$630.00
603.12	58-INCH X 91-INCH HERCP STORM DRAIN PLUG	1	EA	\$1,568.00	\$1,568.00	\$750.00	\$750.00	\$610.00	\$610.00
603.13	18-INCH RCP PRECAST END SECTION	1	EA	\$702.00	\$702.00	\$850.00	\$850.00	\$1,985.00	\$1,985.00
603.14	24-INCH RCP PRECAST END SECTION	3	EA	\$900.00	\$2,700.00	\$1,000.00	\$3,000.00	\$2,140.00	\$6,420.00
603.15	24-INCH METAL END SECTION (SAFETY TYPE)	2	EA	\$1,725.00	\$3,450.00	\$8,400.00	\$16,800.00	\$3,646.00	\$7,292.00
605.01	18-INCH PVC C905 STORM DRAIN PIPE	45	LF	\$254.00	\$11,430.00	\$150.00	\$6,750.00	\$276.00	\$12,420.00
605.02	24-INCH PVC C905 STORM DRAIN PIPE	135	LF	\$151.00	\$20,385.00	\$215.00	\$29,025.00	\$303.00	\$40,905.00
609.01	48-INCH ACCESS STORM DRAIN MANHOLE	34	EA	\$5,472.00	\$186,048.00	\$2,300.00	\$78,200.00	\$3,332.00	\$113,288.00
609.02	60-INCH TYPE I STORM DRAIN MANHOLE	4	EA	\$7,450.00	\$29,800.00	\$6,700.00	\$26,800.00	\$8,943.00	\$35,772.00
609.03	60-INCH TYPE III STORM DRAIN MANHOLE (ANGLE POINT)	3	EA	\$6,370.00	\$19,110.00	\$8,300.00	\$24,900.00	\$12,107.00	\$36,321.00
609.04	NDOT TYPE 4 STORM DRAIN MANHOLE	2	EA	\$6,111.00	\$12,222.00	\$14,500.00	\$29,000.00	\$18,317.00	\$36,634.00
609.05	NDOT TYPE 2A DROP INLET WITH CONCRETE APRON	16	EA	\$5,920.00	\$94,720.00	\$6,200.00	\$99,200.00	\$7,493.00	\$119,888.00
609.06	TYPE CM DROP INLET (L=12.5)	1	EA	\$23,400.00	\$23,400.00	\$18,400.00	\$18,400.00	\$16,200.00	\$16,200.00
609.07	ADJUST STORM DRAIN MANHOLE FRAME AND COVER	2	EA	\$778.00	\$1,556.00	\$1,000.00	\$2,000.00	\$1,206.00	\$2,412.00
613.01	TACK-ON MEDIAN	13,800	SF	\$8.23	\$113,574.00	\$7.20	\$99,360.00	\$8.00	\$110,400.00
613.02	CONCRETE "A" TYPE CURB	23,700	LF	\$11.43	\$270,891.00	\$16.75	\$396,975.00	\$15.00	\$355,500.00
613.03	CONCRETE MEDIAN SURFACE	5,975	SF	\$4.51	\$26,947.25	\$4.60	\$27,485.00	\$5.00	\$29,875.00
613.04	CONCRETE "L" TYPE CURB AND GUTTER	201	LF	\$35.75	\$7,185.75	\$30.00	\$6,030.00	\$38.00	\$7,638.00
613.05	CONCRETE SIDEWALK	923	SF	\$8.41	\$7,762.43	\$10.00	\$9,230.00	\$6.00	\$5,538.00
616.01	REMOVE AND RESET FENCE AND GATE	1	LS	\$3,876.06	\$3,876.06	\$5,000.00	\$5,000.00	\$4,619.00	\$4,619.00
619.01	MEDIAN MARKER POST	63	EA	\$210.17	\$13,240.71	\$200.00	\$12,600.00	\$202.00	\$12,726.00
623.01	1-1/4-INCH PVC CONDUIT	2,635	LF	\$9.67	\$25,480.45	\$13.00	\$34,255.00	\$9.00	\$23,715.00

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623.02	2-INCH PVC CONDUIT	5,700	LF	\$10.24	\$58,368.00	\$14.00	\$79,800.00	\$10.00	\$57,000.00
623.03	3-INCH PVC CONDUIT	8,560	LF	\$12.51	\$107,085.60	\$14.00	\$119,840.00	\$12.00	\$102,720.00
623.04	4-INCH PVC CONDUIT (ITS)	2,900	LF	\$12.79	\$37,091.00	\$20.00	\$58,000.00	\$13.00	\$37,700.00
623.05	(4) 4-INCH PVC CONDUIT (FUTURE POWER)	190	LF	\$48.90	\$9,291.00	\$100.00	\$19,000.00	\$48.00	\$9,120.00
623.06	NO. 3-1/2 PULL BOX	14	EA	\$443.53	\$6,209.42	\$380.00	\$5,320.00	\$435.00	\$6,090.00
623.07	NO. 5 PULL BOX	5	EA	\$670.98	\$3,354.90	\$430.00	\$2,150.00	\$658.00	\$3,290.00
623.08	DOUBLE STACKED NO. 7 PULL BOX	21	EA	\$2,302.94	\$48,361.74	\$825.00	\$17,325.00	\$2,258.00	\$47,418.00
623.09	P30 PULL BOX	17	EA	\$1,336.27	\$22,716.59	\$950.00	\$16,150.00	\$1,310.00	\$22,270.00
623.10	TYPE 200 SPLICE VAULT	4	EA	\$5,572.54	\$22,290.16	\$4,740.00	\$18,960.00	\$5,465.00	\$21,860.00
623.11	TRAFFIC SIGNAL MODIFICATIONS AT LAS VEGAS BLVD/CACTUS AVE	1	LS	\$133,229.27	\$133,229.27	\$116,000.00	\$116,000.00	\$130,651.00	\$130,651.00
623.12	REMOVE AND RESET STREET LIGHT	1	EA	\$4,435.28	\$4,435.28	\$2,800.00	\$2,800.00	\$4,349.00	\$4,349.00
624.01	TYPE IIIA BARRICADE	42	EA	\$46.51	\$1,953.42	\$385.00	\$16,170.00	\$608.00	\$25,536.00
627.01	PERMANENT SIGNS (GROUND MOUNTED)(METAL SUPPORTS)	75	EA	\$247.25	\$18,543.75	\$250.00	\$18,750.00	\$238.00	\$17,850.00
628.01	POLYUREA PAVEMENT MARKINGS (4-INCH SOLID WHITE)	31,750	LF	\$0.52	\$16,510.00	\$0.60	\$19,050.00	\$1.00	\$31,750.00
628.02	POLYUREA PAVEMENT MARKINGS (8-INCH SOLID WHITE)	1,230	LF	\$1.15	\$1,414.50	\$1.20	\$1,476.00	\$1.00	\$1,230.00
628.03	POLYUREA PAVEMENT MARKINGS (24-INCH SOLID WHITE)	1,950	LF	\$6.91	\$13,474.50	\$7.00	\$13,650.00	\$7.00	\$13,650.00
628.04	POLYUREA PAVEMENT MARKINGS (24-INCH SOLID YELLOW)	125	LF	\$6.91	\$863.75	\$7.00	\$875.00	\$7.00	\$875.00
628.05	POLYUREA PAVEMENT MARKINGS (VARIES)(WHITE)	1,750	SF	\$3.46	\$6,055.00	\$3.50	\$6,125.00	\$3.00	\$5,250.00
628.06	POLYUREA PAVEMENT MARKINGS (VARIES)(YELLOW)	210	SF	\$3.46	\$726.60	\$3.50	\$735.00	\$3.00	\$630.00
628.07	TYPE 2 PERMANENT PAVEMENT MARKING FILM (24-INCH SOLID WHITE)	1,400	LF	\$12.45	\$17,430.00	\$13.75	\$19,250.00	\$12.00	\$16,800.00
628.08	TYPE 2 PERMANENT PAVEMENT MARKING FILM (ARROWS)	182	EA	\$201.68	\$36,705.76	\$175.00	\$31,850.00	\$194.00	\$35,308.00
628.09	TYPE 2 PERMANENT PAVEMENT MARKING FILM ("ONLY")	9	EA	\$293.88	\$2,644.92	\$265.00	\$2,385.00	\$282.00	\$2,538.00
628.10	MEDIAN PAINT (YELLOW)	2,615	SF	\$0.86	\$2,248.90	\$1.40	\$3,661.00	\$1.00	\$2,615.00
628.11	MEDIAN PAINT (WHITE)	4,325	SF	\$0.86	\$3,719.50	\$1.40	\$6,055.00	\$1.00	\$4,325.00
629.01	24-INCH WATERLINE RELOCATION ("LVB" 63+33)	1	LS	\$137,500.00	\$137,500.00	\$112,000.00	\$112,000.00	\$152,595.00	\$152,595.00
629.02	24-INCH WATERLINE RELOCATION ("LVB" 63+70)	1	LS	\$116,000.00	\$116,000.00	\$118,000.00	\$118,000.00	\$184,130.00	\$184,130.00
629.03	24-INCH WATERLINE RELOCATION ("LVB" 169+89)	1	LS	\$61,200.00	\$61,200.00	\$59,000.00	\$59,000.00	\$54,307.00	\$54,307.00

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629.04	20-INCH WATERLINE RELOCATION ("LVB" 170+51)	1	LS	\$55,000.00	\$55,000.00	\$52,000.00	\$52,000.00	\$47,789.00	\$47,789.00
629.05	20-INCH WATERLINE RELOCATION ("LVB" 173+74)	1	LS	\$87,500.00	\$87,500.00	\$68,000.00	\$68,000.00	\$67,679.00	\$67,679.00
629.06	18-INCH STEEL WATERLINE SLEEVE	108	LF	\$176.00	\$19,008.00	\$148.00	\$15,984.00	\$208.00	\$22,464.00
629.07	20-INCH STEEL WATERLINE SLEEVE	363	LF	\$227.00	\$82,401.00	\$150.00	\$54,450.00	\$177.00	\$64,251.00
629.08	24-INCH STEEL WATERLINE SLEEVE	216	LF	\$242.00	\$52,272.00	\$182.00	\$39,312.00	\$179.00	\$38,664.00
629.09	ADJUST WATER VALVE BOX	5	EA	\$1,394.00	\$6,970.00	\$700.00	\$3,500.00	\$900.00	\$4,500.00
629.10	ADJUST BLOW-OFF ASSEMBLY	1	EA	\$2,600.00	\$2,600.00	\$4,000.00	\$4,000.00	\$1,706.00	\$1,706.00
629.11	ADJUST FIRE HYDRANT	1	EA	\$3,390.00	\$3,390.00	\$5,400.00	\$5,400.00	\$6,345.00	\$6,345.00
629.12	STEEL BOLLARD	2	EA	\$1,634.00	\$3,268.00	\$425.00	\$850.00	\$802.00	\$1,604.00
630.01	6-INCH PVC C900 SANITARY SEWER LATERAL	2,937	LF	\$179.00	\$525,723.00	\$112.00	\$328,944.00	\$140.00	\$411,180.00
630.02	8-INCH PVC C900 SANITARY SEWER	970	LF	\$178.00	\$172,660.00	\$110.00	\$106,700.00	\$147.00	\$142,590.00
630.03	10-INCH PVC C900 SANITARY SEWER	1,057	LF	\$175.50	\$185,503.50	\$124.00	\$131,068.00	\$152.00	\$160,664.00
630.04	12-INCH PVC C900 SANITARY SEWER	642	LF	\$185.00	\$118,770.00	\$136.00	\$87,312.00	\$160.00	\$102,720.00
630.05	15-INCH PVC SANITARY SEWER	5,830	LF	\$134.00	\$781,220.00	\$124.00	\$722,920.00	\$106.00	\$617,980.00
630.06	18-INCH PVC SANITARY SEWER	4,133	LF	\$126.00	\$520,758.00	\$127.00	\$524,891.00	\$112.00	\$462,896.00
630.07	21-INCH PVC SANITARY SEWER	3,901	LF	\$136.00	\$530,536.00	\$134.00	\$522,734.00	\$132.00	\$514,932.00
630.08	60-INCH SANITARY SEWER MANHOLE	2	EA	\$9,600.00	\$19,200.00	\$13,200.00	\$26,400.00	\$18,060.00	\$36,120.00
630.09	72-INCH SANITARY SEWER MANHOLE	56	EA	\$17,900.00	\$1,002,400.00	\$22,500.00	\$1,260,000.00	\$24,875.00	\$1,393,000.00
630.10	16-INCH PVC C905 SANITARY SEWER	445	LF	\$129.85	\$57,785.00	\$96.11	\$42,770.00	\$122.69	\$54,600.00
630.11	30-INCH STEEL CASING (BORE AND JACK)	76	LF	\$2,482.00	\$188,632.00	\$585.00	\$44,460.00	\$2,893.00	\$219,868.00
630.12	ADJUST SANITARY SEWER MANHOLE COVER AND FRAME	3	EA	\$1,768.00	\$5,304.00	\$1,300.00	\$3,900.00	\$1,056.00	\$3,168.00
631.01	STREET NAME SIGNS (12-INCH)	40	EA	\$46.00	\$1,840.00	\$130.00	\$5,200.00	\$94.00	\$3,760.00
633.01	NON-REFLECTIVE PAVEMENT MARKERS	6,375	EA	\$2.48	\$15,810.00	\$2.40	\$15,300.00	\$2.00	\$12,750.00
633.02	REFLECTIVE PAVEMENT MARKERS	8,630	EA	\$2.71	\$23,387.30	\$2.50	\$21,575.00	\$3.00	\$25,890.00
637.01	DUST CONTROL	360	DAY	\$1,050.00	\$378,000.00	\$275.00	\$99,000.00	\$126.00	\$45,360.00
637.02	STORM WATER POLLUTION CONTROL	360	DAY	\$203.00	\$73,080.00	\$125.00	\$45,000.00	\$161.00	\$57,960.00
680.01	REMOVE ITS FIBER OPTIC CABLE AND RE-PULL IN NEW CONDUIT	1	LS	\$14,500.00	\$14,500.00	\$23,000.00	\$23,000.00	\$14,219.00	\$14,219.00

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

Item No.	Description	Quantity	Unit	Ames Construction, Inc.		TAB Contractors, Inc.		Contri Construction Company	
				Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
				#DIV/0!		#DIV/0!		#DIV/0!	
<b>ACTUAL TOTAL OF ITEMS</b>					<b>\$29,174,588.41</b>		<b>\$29,810,412.00</b>		<b>\$30,280,400.00</b>
TOTAL SHOWN ON BID SUMMARY					\$29,174,588.41		\$29,810,412.00		\$30,280,400.00
ERROR					\$0.00		\$0.00		\$0.00

**ADDITIVE / ALTERNATE ITEMS**

ADDITIVE ALTERNATIVE 1 (CCWRD UPSIZE)									
630.13	10-INCH PVC C900 SANITARY SEWER	194	LF	\$ 140.87	\$ 27,330.14	\$ 73.00	\$ 14,162.00	\$ 142.00	\$ 27,548.00
630.14	12-INCH PVC C900 SANITARY SEWER	809	LF	\$ 186.27	\$ 150,695.67	\$ 107.00	\$ 86,563.00	\$ 153.00	\$ 123,777.00
630.15	ADDITIONAL COST TO UPSIZE 15-INCH PVC TO 20-INCH PVC C905 SANITARY SEWER	3,831	LF	\$ 40.51	\$ 155,199.47	\$ 37.00	\$ 141,747.00	\$ 27.00	\$ 103,437.00
630.16	ADDITIONAL COST TO UPSIZE 18-INCH PVC TO 24-INCH PVC C905 SANITARY SEWER	4,035	LF	\$ 43.69	\$ 176,308.43	\$ 50.00	\$ 201,750.00	\$ 36.00	\$ 145,260.00
630.17	ADDITIONAL COST TO UPSIZE 21-INCH PVC TO 30-INCH PVC C905 SANITARY SEWER	3,901	LF	\$ 86.49	\$ 337,424.80	\$ 102.00	\$ 397,902.00	\$ 66.00	\$ 257,466.00
630.18	60-INCH SANITARY SEWER MANHOLE	1	EA	\$ 5,407.99	\$ 5,407.99	\$ 13,200.00	\$ 13,200.00	\$ 16,350.00	\$ 16,350.00
630.19	72-INCH SANITARY SEWER MANHOLE	10	EA	\$ 18,295.47	\$ 182,954.75	\$ 22,500.00	\$ 225,000.00	\$ 22,600.00	\$ 226,000.00
<b>SUBTOTAL ADDITIVE ALTERNATIVE 1</b>					<b>\$ 1,035,321.25</b>		<b>\$ 1,080,324.00</b>		<b>\$ 899,838.00</b>
TOTAL SHOWN ON BID SUMMARY					\$1,035,321.23		\$1,080,324.00		\$899,838.00
ERROR					\$0.02		\$0.00		\$0.00

TOTAL ADDITIVE / ALTERNATE ITEMS				\$ 1,035,321.25		\$ 1,080,324.00		\$ 899,838.00
TOTAL BID INCLUDING ADDITIVE ALTERNATE NO 1				\$ 30,209,909.66		\$ 30,890,736.00		\$ 31,180,238.00



Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

Item No.	Description	Quantity	Unit	Meadow Valley Contractors, Inc. dba ACC Southwest		Renda Pacific LLC		Western States Contracting Inc.		Harber Company Inc. dba Mountain Cascade of Nevada	
				Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
107.01	TRAFFIC CONTROL	360	DAY	\$700.00	\$252,000.00	\$560.00	\$201,600.00	\$914.13	\$329,086.80	\$700.00	\$252,000.00
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00	\$500,000.00
109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	15	DAY	\$500.00	\$7,500.00	\$500.00	\$7,500.00	\$500.00	\$7,500.00	\$500.00	\$7,500.00
109.03	HISTORICAL OWNER CAUSED DELAY ALLOWANCE OVER \$500/DAY	15	DAY	\$500.00	\$7,500.00	\$1,000.00	\$15,000.00	\$1,000.00	\$15,000.00	\$400.00	\$6,000.00
110.01	TRAINING	1,000	HOURL	\$1.40	\$1,400.00	\$1.40	\$1,400.00	\$1.40	\$1,400.00	\$1.40	\$1,400.00
200.01	MOBILIZATION	1	LS	\$1,245,000.00	\$1,245,000.00	\$2,500,000.00	\$2,500,000.00	\$1,056,000.00	\$1,056,000.00	\$700,000.00	\$700,000.00
201.01	CLEARING AND GRUBBING	1	LS	\$40,000.00	\$40,000.00	\$10,000.00	\$10,000.00	\$15,700.00	\$15,700.00	\$25,000.00	\$25,000.00
202.01	REMOVE STORM DRAIN	940	LF	\$30.00	\$28,200.00	\$10.00	\$9,400.00	\$33.00	\$31,020.00	\$20.00	\$18,800.00
202.02	REMOVE STORM DRAIN PIPE (66-INCH)	317	LF	\$60.00	\$19,020.00	\$20.00	\$6,340.00	\$35.00	\$11,095.00	\$54.00	\$17,118.00
202.03	REMOVE STORM DRAIN MANHOLE	3	EA	\$1,300.00	\$3,900.00	\$500.00	\$1,500.00	\$850.00	\$2,550.00	\$1,500.00	\$4,500.00
202.04	ABANDON STORM DRAIN PIPE (12-INCH)	2	EA	\$3,000.00	\$6,000.00	\$500.00	\$1,000.00	\$3,200.00	\$6,400.00	\$2,000.00	\$4,000.00
202.05	REMOVE BITUMINOUS PAVEMENT	87,500	SY	\$4.10	\$358,750.00	\$5.00	\$437,500.00	\$2.80	\$245,000.00	\$4.00	\$350,000.00
202.06	REMOVE CONCRETE SIDEWALK	990	SF	\$3.50	\$3,465.00	\$0.50	\$495.00	\$1.30	\$1,287.00	\$4.00	\$3,960.00
202.07	REMOVE CONCRETE CURB AND GUTTER	115	LF	\$8.00	\$920.00	\$5.00	\$575.00	\$7.00	\$805.00	\$8.00	\$920.00
202.08	REMOVE TRAFFIC STRIPING	1	LS	\$2,800.00	\$2,800.00	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	\$7,000.00	\$7,000.00
202.09	REMOVE AND SALVAGE SIGN	36	EA	\$61.00	\$2,196.00	\$50.00	\$1,800.00	\$41.00	\$1,476.00	\$35.00	\$1,260.00
202.10	REMOVE PULL BOX	10	EA	\$162.00	\$1,620.00	\$250.00	\$2,500.00	\$170.00	\$1,700.00	\$150.00	\$1,500.00
203.01	ROADWAY EXCAVATION	77,000	CY	\$10.50	\$808,500.00	\$4.00	\$308,000.00	\$29.60	\$2,279,200.00	\$18.00	\$1,386,000.00
302.01	TYPE II AGGREGATE BASE	36,750	CY	\$28.00	\$1,029,000.00	\$20.00	\$735,000.00	\$37.00	\$1,359,750.00	\$27.00	\$992,250.00
402.01	5-INCH PLANTMIX BITUMINOUS SURFACE	112,000	SY	\$20.50	\$2,296,000.00	\$21.00	\$2,352,000.00	\$21.50	\$2,408,000.00	\$20.00	\$2,240,000.00
402.02	6-INCH PLANTMIX BITUMINOUS SURFACE	39,500	SY	\$25.00	\$987,500.00	\$25.00	\$987,500.00	\$26.50	\$1,046,750.00	\$23.00	\$908,500.00
407.01	SEAL COAT	151,500	SY	\$0.20	\$30,300.00	\$0.30	\$45,450.00	\$0.18	\$27,270.00	\$0.17	\$25,755.00
412.01	TYPE III SLURRY SEAL	9,400	SY	\$7.50	\$70,500.00	\$7.00	\$65,800.00	\$8.00	\$75,200.00	\$6.00	\$56,400.00
502.01	TRANSITION STRUCTURE (*LVB SD* 545+99.19 TO 546+85.24)	1	EA	\$266,500.00	\$266,500.00	\$300,000.00	\$300,000.00	\$238,000.00	\$238,000.00	\$300,000.00	\$300,000.00
502.02	22-FOOT X 8-FOOT RCB	375	LF	\$2,250.00	\$843,750.00	\$2,300.00	\$862,500.00	\$2,190.00	\$821,250.00	\$2,625.00	\$984,375.00
502.03	TRANSITION STRUCTURE (*LVB SD* 550+60.06 TO 551+88.20)	128	LF	\$2,460.00	\$314,880.00	\$3,200.00	\$409,600.00	\$1,975.00	\$252,800.00	\$2,400.00	\$307,200.00
502.04	18-FOOT X 8-FOOT RCB	277	LF	\$1,710.00	\$473,670.00	\$1,800.00	\$498,600.00	\$1,670.00	\$462,590.00	\$1,920.00	\$531,840.00

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

Item No.	Description	Quantity	Unit	Meadow Valley Contractors, Inc. dba ACC Southwest		Renda Pacific LLC		Western States Contracting Inc.		Harber Company Inc. dba Mountain Cascade of Nevada	
				Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
502.05	TRANSITION STRUCTURE (*LVB SD* 554+65.58 TO 554+85.58)	20	LF	\$2,280.00	\$45,600.00	\$2,500.00	\$50,000.00	\$1,580.00	\$31,600.00	\$2,700.00	\$54,000.00
502.06	16-FOOT X 8-FOOT RCB	240	LF	\$1,380.00	\$331,200.00	\$1,500.00	\$360,000.00	\$1,450.00	\$348,000.00	\$1,500.00	\$360,000.00
502.07	TRANSITION STRUCTURE (*LVB SD* 557+25.00 TO 557+45.00)	20	LF	\$2,110.00	\$42,200.00	\$2,200.00	\$44,000.00	\$1,470.00	\$29,400.00	\$2,600.00	\$52,000.00
502.08	15-FOOT X 8-FOOT RCB	11,055	LF	\$1,125.00	\$12,436,875.00	\$1,325.00	\$14,647,875.00	\$1,177.63	\$13,018,750.00	\$1,150.00	\$12,713,250.00
502.09	TRANSITION STRUCTURE (*LVB SD* 668+00.00 TO 668+20.00)	20	LF	\$2,010.00	\$40,200.00	\$2,100.00	\$42,000.00	\$1,435.00	\$28,700.00	\$2,100.00	\$42,000.00
502.10	14-FOOT X 8-FOOT RCB	405	LF	\$1,360.00	\$550,800.00	\$1,100.00	\$445,500.00	\$1,230.00	\$498,150.00	\$1,100.00	\$445,500.00
502.11	TRANSITION STRUCTURE (*LVB SD* 672+25.33 TO 672+45.33)	20	LF	\$1,970.00	\$39,400.00	\$2,000.00	\$40,000.00	\$1,450.00	\$29,000.00	\$2,500.00	\$50,000.00
502.12	13-FOOT X 8-FOOT RCB	241	LF	\$1,150.00	\$277,150.00	\$1,000.00	\$241,000.00	\$1,165.00	\$280,765.00	\$1,250.00	\$301,250.00
502.13	RECTANGULAR CHANNEL PENETRATION (*LVB SD* 674+85.84)	1	EA	\$37,000.00	\$37,000.00	\$25,000.00	\$25,000.00	\$52,400.00	\$52,400.00	\$25,000.00	\$25,000.00
502.14	RCB PENETRATION (*LVB* 63+60)	1	EA	\$18,500.00	\$18,500.00	\$8,000.00	\$8,000.00	\$24,700.00	\$24,700.00	\$12,000.00	\$12,000.00
502.15	JUNCTION STRUCTURE (*LVB* 77+18)	1	EA	\$35,500.00	\$35,500.00	\$12,500.00	\$12,500.00	\$21,600.00	\$21,600.00	\$15,000.00	\$15,000.00
502.16	RCB PENETRATION (*LVB* 90+67)	1	EA	\$19,300.00	\$19,300.00	\$11,000.00	\$11,000.00	\$19,400.00	\$19,400.00	\$13,000.00	\$13,000.00
502.17	JUNCTION STRUCTURE (*LVB* 118+10)	1	EA	\$34,500.00	\$34,500.00	\$10,000.00	\$10,000.00	\$21,000.00	\$21,000.00	\$14,000.00	\$14,000.00
502.18	RCB PENETRATION (*LVB* 120+09)	1	EA	\$19,300.00	\$19,300.00	\$9,500.00	\$9,500.00	\$21,000.00	\$21,000.00	\$13,000.00	\$13,000.00
502.19	JUNCTION STRUCTURE (*LVB* 143+92)	1	EA	\$34,100.00	\$34,100.00	\$9,000.00	\$9,000.00	\$20,800.00	\$20,800.00	\$13,500.00	\$13,500.00
502.20	JUNCTION STRUCTURE (*LVB* 170+65)	1	EA	\$34,100.00	\$34,100.00	\$9,500.00	\$9,500.00	\$20,800.00	\$20,800.00	\$13,500.00	\$13,500.00
502.21	8-FOOT X 6-FOOT RCB	176	LF	\$940.00	\$165,440.00	\$900.00	\$158,400.00	\$880.00	\$154,880.00	\$1,025.00	\$180,400.00
502.22	9-FOOT X 6-FOOT RCB	87	LF	\$1,320.00	\$114,840.00	\$1,100.00	\$95,700.00	\$1,090.00	\$94,830.00	\$1,250.00	\$108,750.00
502.23	11-FOOT X 6-FOOT RCB	71	LF	\$1,450.00	\$102,950.00	\$1,400.00	\$99,400.00	\$1,305.00	\$92,655.00	\$1,500.00	\$106,500.00
502.24	8-FOOT X 6-FOOT RCB PLUG	2	EA	\$1,020.00	\$2,040.00	\$500.00	\$1,000.00	\$1,180.00	\$2,360.00	\$950.00	\$1,900.00
502.25	9-FOOT X 6-FOOT RCB PLUG	1	EA	\$1,140.00	\$1,140.00	\$500.00	\$500.00	\$1,300.00	\$1,300.00	\$950.00	\$950.00
502.26	11-FOOT X 6-FOOT RCB PLUG	1	EA	\$1,500.00	\$1,500.00	\$750.00	\$750.00	\$1,420.00	\$1,420.00	\$950.00	\$950.00
603.01	18-INCH RCP STORM DRAIN (CLASS III)	421	LF	\$124.00	\$52,204.00	\$100.00	\$42,100.00	\$90.00	\$37,890.00	\$200.00	\$84,200.00
603.02	18-INCH RCP STORM DRAIN (CLASS IV)	113	LF	\$124.00	\$14,012.00	\$105.00	\$11,865.00	\$90.00	\$10,170.00	\$140.00	\$15,820.00
603.03	24-INCH RCP STORM DRAIN (CLASS III)	924	LF	\$129.00	\$119,196.00	\$110.00	\$101,640.00	\$95.00	\$87,780.00	\$200.00	\$184,800.00
603.04	24-INCH RCP STORM DRAIN (CLASS IV)	346	LF	\$133.00	\$46,018.00	\$115.00	\$39,790.00	\$100.00	\$34,600.00	\$230.00	\$79,580.00
603.05	24-INCH RCP STORM DRAIN (CLASS V)	152	LF	\$134.00	\$20,368.00	\$12.00	\$1,824.00	\$102.00	\$15,504.00	\$170.00	\$25,840.00

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

Item No.	Description	Quantity	Unit	Meadow Valley Contractors, Inc. dba ACC Southwest		Renda Pacific LLC		Western States Contracting Inc.		Harber Company Inc. dba Mountain Cascade of Nevada	
				Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
603.06	36-INCH RCP STORM DRAIN (CLASS III)	117	LF	\$169.00	\$19,773.00	\$140.00	\$16,380.00	\$150.00	\$17,550.00	\$440.00	\$51,480.00
603.07	60-INCH RCP STORM DRAIN (CLASS III)	80	LF	\$337.00	\$26,960.00	\$240.00	\$19,200.00	\$271.00	\$21,680.00	\$580.00	\$46,400.00
603.08	72-INCH RCP STORM DRAIN (CLASS IV)	80	LF	\$473.00	\$37,840.00	\$370.00	\$29,600.00	\$443.00	\$35,440.00	\$880.00	\$70,400.00
603.09	58-INCH X 91-INCH HERCP STORM DRAIN (CLASS III)	82	LF	\$639.00	\$52,398.00	\$400.00	\$32,800.00	\$643.00	\$52,726.00	\$775.00	\$63,550.00
603.10	24-INCH RCP STORM DRAIN PLUG	5	EA	\$420.00	\$2,100.00	\$100.00	\$500.00	\$230.00	\$1,150.00	\$950.00	\$4,750.00
603.11	60-INCH RCP STORM DRAIN PLUG	1	EA	\$901.00	\$901.00	\$200.00	\$200.00	\$360.00	\$360.00	\$1,100.00	\$1,100.00
603.12	58-INCH X 91-INCH HERCP STORM DRAIN PLUG	1	EA	\$1,020.00	\$1,020.00	\$250.00	\$250.00	\$420.00	\$420.00	\$1,100.00	\$1,100.00
603.13	18-INCH RCP PRECAST END SECTION	1	EA	\$1,430.00	\$1,430.00	\$1,000.00	\$1,000.00	\$1,170.00	\$1,170.00	\$1,300.00	\$1,300.00
603.14	24-INCH RCP PRECAST END SECTION	3	EA	\$1,590.00	\$4,770.00	\$1,200.00	\$3,600.00	\$1,450.00	\$4,350.00	\$1,100.00	\$3,300.00
603.15	24-INCH METAL END SECTION (SAFETY TYPE)	2	EA	\$1,180.00	\$2,360.00	\$1,200.00	\$2,400.00	\$1,900.00	\$3,800.00	\$1,050.00	\$2,100.00
605.01	18-INCH PVC C905 STORM DRAIN PIPE	45	LF	\$144.00	\$6,480.00	\$110.00	\$4,950.00	\$113.00	\$5,085.00	\$120.00	\$5,400.00
605.02	24-INCH PVC C905 STORM DRAIN PIPE	135	LF	\$162.00	\$21,870.00	\$140.00	\$18,900.00	\$130.00	\$17,550.00	\$440.00	\$59,400.00
609.01	48-INCH ACCESS STORM DRAIN MANHOLE	34	EA	\$3,380.00	\$114,920.00	\$3,000.00	\$102,000.00	\$2,700.00	\$91,800.00	\$2,500.00	\$85,000.00
609.02	60-INCH TYPE I STORM DRAIN MANHOLE	4	EA	\$6,040.00	\$24,160.00	\$4,500.00	\$18,000.00	\$6,200.00	\$24,800.00	\$7,000.00	\$28,000.00
609.03	60-INCH TYPE III STORM DRAIN MANHOLE (ANGLE POINT)	3	EA	\$7,900.00	\$23,700.00	\$4,000.00	\$12,000.00	\$8,200.00	\$24,600.00	\$9,000.00	\$27,000.00
609.04	NDOT TYPE 4 STORM DRAIN MANHOLE	2	EA	\$13,900.00	\$27,800.00	\$4,000.00	\$8,000.00	\$14,600.00	\$29,200.00	\$20,000.00	\$40,000.00
609.05	NDOT TYPE 2A DROP INLET WITH CONCRETE APRON	16	EA	\$7,640.00	\$122,240.00	\$5,000.00	\$80,000.00	\$5,600.00	\$89,600.00	\$9,000.00	\$144,000.00
609.06	TYPE CM DROP INLET (L=12.5')	1	EA	\$16,600.00	\$16,600.00	\$4,000.00	\$4,000.00	\$15,800.00	\$15,800.00	\$21,000.00	\$21,000.00
609.07	ADJUST STORM DRAIN MANHOLE FRAME AND COVER	2	EA	\$1,200.00	\$2,400.00	\$500.00	\$1,000.00	\$850.00	\$1,700.00	\$1,200.00	\$2,400.00
613.01	TACK-ON MEDIAN	13,800	SF	\$8.00	\$110,400.00	\$7.00	\$96,600.00	\$10.40	\$143,520.00	\$7.00	\$96,600.00
613.02	CONCRETE "A" TYPE CURB	23,700	LF	\$12.00	\$284,400.00	\$3.00	\$71,100.00	\$13.00	\$308,100.00	\$10.00	\$237,000.00
613.03	CONCRETE MEDIAN SURFACE	5,975	SF	\$4.60	\$27,485.00	\$6.00	\$35,850.00	\$9.20	\$54,970.00	\$4.00	\$23,900.00
613.04	CONCRETE "L" TYPE CURB AND GUTTER	201	LF	\$34.50	\$6,934.50	\$20.00	\$4,020.00	\$38.00	\$7,638.00	\$33.00	\$6,633.00
613.05	CONCRETE SIDEWALK	923	SF	\$6.20	\$5,722.60	\$6.00	\$5,538.00	\$7.80	\$7,199.40	\$5.00	\$4,615.00
616.01	REMOVE AND RESET FENCE AND GATE	1	LS	\$4,700.00	\$4,700.00	\$5,000.00	\$5,000.00	\$4,900.00	\$4,900.00	\$4,500.00	\$4,500.00
619.01	MEDIAN MARKER POST	63	EA	\$203.00	\$12,789.00	\$50.00	\$3,150.00	\$220.00	\$13,860.00	\$200.00	\$12,600.00
623.01	1-1/4-INCH PVC CONDUIT	2,635	LF	\$9.50	\$25,032.50	\$20.00	\$52,700.00	\$10.00	\$26,350.00	\$9.00	\$23,715.00

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

Item No.	Description	Quantity	Unit	Meadow Valley Contractors, Inc. dba ACC Southwest		Renda Pacific LLC		Western States Contracting Inc.		Harber Company Inc. dba Mountain Cascade of Nevada	
				Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
623.02	2-INCH PVC CONDUIT	5,700	LF	\$10.00	\$57,000.00	\$12.00	\$68,400.00	\$10.60	\$60,420.00	\$11.00	\$62,700.00
623.03	3-INCH PVC CONDUIT	8,560	LF	\$12.50	\$107,000.00	\$10.00	\$85,600.00	\$13.00	\$111,280.00	\$12.00	\$102,720.00
623.04	4-INCH PVC CONDUIT (ITS)	2,900	LF	\$12.50	\$36,250.00	\$25.00	\$72,500.00	\$13.30	\$38,570.00	\$12.00	\$34,800.00
623.05	(4) 4-INCH PVC CONDUIT (FUTURE POWER)	190	LF	\$48.00	\$9,120.00	\$18.00	\$3,420.00	\$50.00	\$9,500.00	\$45.00	\$8,550.00
623.06	NO. 3-1/2 PULL BOX	14	EA	\$436.00	\$6,104.00	\$900.00	\$12,600.00	\$460.00	\$6,440.00	\$400.00	\$5,600.00
623.07	NO. 5 PULL BOX	5	EA	\$660.00	\$3,300.00	\$1,000.00	\$5,000.00	\$700.00	\$3,500.00	\$600.00	\$3,000.00
623.08	DOUBLE STACKED NO. 7 PULL BOX	21	EA	\$2,270.00	\$47,670.00	\$2,000.00	\$42,000.00	\$2,400.00	\$50,400.00	\$2,000.00	\$42,000.00
623.09	P30 PULL BOX	17	EA	\$1,310.00	\$22,270.00	\$1,600.00	\$27,200.00	\$1,390.00	\$23,630.00	\$1,250.00	\$21,250.00
623.10	TYPE 200 SPLICE VAULT	4	EA	\$5,480.00	\$21,920.00	\$6,000.00	\$24,000.00	\$5,800.00	\$23,200.00	\$5,300.00	\$21,200.00
623.11	TRAFFIC SIGNAL MODIFICATIONS AT LAS VEGAS BLVD/CACTUS AVE	1	LS	\$131,000.00	\$131,000.00	\$160,000.00	\$160,000.00	\$136,000.00	\$136,000.00	\$130,000.00	\$130,000.00
623.12	REMOVE AND RESET STREET LIGHT	1	EA	\$4,360.00	\$4,360.00	\$3,000.00	\$3,000.00	\$4,600.00	\$4,600.00	\$4,200.00	\$4,200.00
624.01	TYPE IIIA BARRICADE	42	EA	\$610.00	\$25,620.00	\$600.00	\$25,200.00	\$430.00	\$18,060.00	\$350.00	\$14,700.00
627.01	PERMANENT SIGNS (GROUND MOUNTED)(METAL SUPPORTS)	75	EA	\$239.00	\$17,925.00	\$220.00	\$16,500.00	\$275.00	\$20,625.00	\$225.00	\$16,875.00
628.01	POLYUREA PAVEMENT MARKINGS (4-INCH SOLID WHITE)	31,750	LF	\$0.50	\$15,875.00	\$0.50	\$15,875.00	\$0.65	\$20,637.50	\$0.60	\$19,050.00
628.02	POLYUREA PAVEMENT MARKINGS (8-INCH SOLID WHITE)	1,230	LF	\$1.10	\$1,353.00	\$1.00	\$1,230.00	\$1.30	\$1,599.00	\$1.00	\$1,230.00
628.03	POLYUREA PAVEMENT MARKINGS (24-INCH SOLID WHITE)	1,950	LF	\$6.70	\$13,065.00	\$6.00	\$11,700.00	\$7.50	\$14,625.00	\$7.00	\$13,650.00
628.04	POLYUREA PAVEMENT MARKINGS (24-INCH SOLID YELLOW)	125	LF	\$6.70	\$837.50	\$6.00	\$750.00	\$7.50	\$937.50	\$6.00	\$750.00
628.05	POLYUREA PAVEMENT MARKINGS (VARIES)(WHITE)	1,750	SF	\$3.30	\$5,775.00	\$3.00	\$5,250.00	\$3.70	\$6,475.00	\$3.00	\$5,250.00
628.06	POLYUREA PAVEMENT MARKINGS (VARIES)(YELLOW)	210	SF	\$3.30	\$693.00	\$3.00	\$630.00	\$3.70	\$777.00	\$3.00	\$630.00
628.07	TYPE 2 PERMANENT PAVEMENT MARKING FILM (24-INCH SOLID WHITE)	1,400	LF	\$12.00	\$16,800.00	\$11.00	\$15,400.00	\$15.30	\$21,420.00	\$16.00	\$22,400.00
628.08	TYPE 2 PERMANENT PAVEMENT MARKING FILM (ARROWS)	182	EA	\$194.00	\$35,308.00	\$175.00	\$31,850.00	\$195.00	\$35,490.00	\$175.00	\$31,850.00
628.09	TYPE 2 PERMANENT PAVEMENT MARKING FILM ("ONLY")	9	EA	\$283.00	\$2,547.00	\$260.00	\$2,340.00	\$295.00	\$2,655.00	\$250.00	\$2,250.00
628.10	MEDIAN PAINT (YELLOW)	2,615	SF	\$0.85	\$2,222.75	\$0.75	\$1,961.25	\$1.50	\$3,922.50	\$1.40	\$3,661.00
628.11	MEDIAN PAINT (WHITE)	4,325	SF	\$0.85	\$3,676.25	\$0.75	\$3,243.75	\$1.50	\$6,487.50	\$1.40	\$6,055.00
629.01	24-INCH WATERLINE RELOCATION ("LVB" 63+33)	1	LS	\$135,000.00	\$135,000.00	\$60,000.00	\$60,000.00	\$78,000.00	\$78,000.00	\$105,000.00	\$105,000.00
629.02	24-INCH WATERLINE RELOCATION ("LVB" 63+70)	1	LS	\$186,000.00	\$186,000.00	\$65,000.00	\$65,000.00	\$147,000.00	\$147,000.00	\$135,000.00	\$135,000.00
629.03	24-INCH WATERLINE RELOCATION ("LVB" 169+89)	1	LS	\$67,000.00	\$67,000.00	\$30,000.00	\$30,000.00	\$38,000.00	\$38,000.00	\$40,000.00	\$40,000.00

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

Item No.	Description	Quantity	Unit	Meadow Valley Contractors, Inc. dba ACC Southwest		Renda Pacific LLC		Western States Contracting Inc.		Harber Company Inc. dba Mountain Cascade of Nevada	
				Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
629.04	20-INCH WATERLINE RELOCATION (*LVB* 170+51)	1	LS	\$56,000.00	\$56,000.00	\$25,000.00	\$25,000.00	\$31,000.00	\$31,000.00	\$25,000.00	\$25,000.00
629.05	20-INCH WATERLINE RELOCATION (*LVB* 173+74)	1	LS	\$72,000.00	\$72,000.00	\$35,000.00	\$35,000.00	\$54,000.00	\$54,000.00	\$50,000.00	\$50,000.00
629.06	18-INCH STEEL WATERLINE SLEEVE	108	LF	\$367.00	\$39,636.00	\$100.00	\$10,800.00	\$145.00	\$15,660.00	\$250.00	\$27,000.00
629.07	20-INCH STEEL WATERLINE SLEEVE	363	LF	\$351.00	\$127,413.00	\$110.00	\$39,930.00	\$156.00	\$56,628.00	\$220.00	\$79,860.00
629.08	24-INCH STEEL WATERLINE SLEEVE	216	LF	\$381.00	\$82,296.00	\$125.00	\$27,000.00	\$160.00	\$34,560.00	\$250.00	\$54,000.00
629.09	ADJUST WATER VALVE BOX	5	EA	\$1,000.00	\$5,000.00	\$200.00	\$1,000.00	\$500.00	\$2,500.00	\$1,100.00	\$5,500.00
629.10	ADJUST BLOW-OFF ASSEMBLY	1	EA	\$2,300.00	\$2,300.00	\$500.00	\$500.00	\$850.00	\$850.00	\$1,000.00	\$1,000.00
629.11	ADJUST FIRE HYDRANT	1	EA	\$2,300.00	\$2,300.00	\$2,000.00	\$2,000.00	\$2,400.00	\$2,400.00	\$1,000.00	\$1,000.00
629.12	STEEL BOLLARD	2	EA	\$1,700.00	\$3,400.00	\$100.00	\$200.00	\$330.00	\$660.00	\$700.00	\$1,400.00
630.01	6-INCH PVC C900 SANITARY SEWER LATERAL	2,937	LF	\$112.00	\$328,944.00	\$90.00	\$264,330.00	\$108.00	\$317,196.00	\$230.00	\$675,510.00
630.02	8-INCH PVC C900 SANITARY SEWER	970	LF	\$121.00	\$117,370.00	\$95.00	\$92,150.00	\$112.00	\$108,640.00	\$205.00	\$198,850.00
630.03	10-INCH PVC C900 SANITARY SEWER	1,057	LF	\$129.00	\$136,353.00	\$100.00	\$105,700.00	\$116.00	\$122,612.00	\$275.00	\$290,675.00
630.04	12-INCH PVC C900 SANITARY SEWER	642	LF	\$143.00	\$91,806.00	\$115.00	\$73,830.00	\$122.00	\$78,324.00	\$212.00	\$136,104.00
630.05	15-INCH PVC SANITARY SEWER	5,830	LF	\$172.00	\$1,002,760.00	\$120.00	\$699,600.00	\$114.00	\$664,620.00	\$215.00	\$1,253,450.00
630.06	18-INCH PVC SANITARY SEWER	4,133	LF	\$179.00	\$739,807.00	\$125.00	\$516,625.00	\$120.00	\$495,960.00	\$185.00	\$764,605.00
630.07	21-INCH PVC SANITARY SEWER	3,901	LF	\$188.00	\$733,388.00	\$130.00	\$507,130.00	\$127.00	\$495,427.00	\$190.00	\$741,190.00
630.08	60-INCH SANITARY SEWER MANHOLE	2	EA	\$14,400.00	\$28,800.00	\$7,500.00	\$15,000.00	\$13,700.00	\$27,400.00	\$18,250.00	\$36,500.00
630.09	72-INCH SANITARY SEWER MANHOLE	56	EA	\$23,500.00	\$1,316,000.00	\$15,000.00	\$840,000.00	\$22,000.00	\$1,232,000.00	\$27,000.00	\$1,512,000.00
630.10	16-INCH PVC C905 SANITARY SEWER	445	LF	\$166.66	\$74,165.00	\$138.03	\$61,425.00	\$109.40	\$48,685.00	\$127.80	\$56,875.00
630.11	30-INCH STEEL CASING (BORE AND JACK)	76	LF	\$1,000.00	\$76,000.00	\$500.00	\$38,000.00	\$1,100.00	\$83,600.00	\$800.00	\$60,800.00
630.12	ADJUST SANITARY SEWER MANHOLE COVER AND FRAME	3	EA	\$1,200.00	\$3,600.00	\$500.00	\$1,500.00	\$850.00	\$2,550.00	\$1,100.00	\$3,300.00
631.01	STREET NAME SIGNS (12-INCH)	40	EA	\$95.00	\$3,800.00	\$50.00	\$2,000.00	\$185.00	\$7,400.00	\$170.00	\$6,800.00
633.01	NON-REFLECTIVE PAVEMENT MARKERS	6,375	EA	\$2.40	\$15,300.00	\$2.20	\$14,025.00	\$2.63	\$16,775.00	\$2.00	\$12,750.00
633.02	REFLECTIVE PAVEMENT MARKERS	8,630	EA	\$2.60	\$22,438.00	\$2.50	\$21,575.00	\$2.60	\$22,438.00	\$2.00	\$17,260.00
637.01	DUST CONTROL	360	DAY	\$253.00	\$91,080.00	\$50.00	\$18,000.00	\$553.61	\$199,300.00	\$60.00	\$21,600.00
637.02	STORM WATER POLLUTION CONTROL	360	DAY	\$61.00	\$21,960.00	\$50.00	\$18,000.00	\$95.00	\$34,200.00	\$50.00	\$18,000.00
680.01	REMOVE ITS FIBER OPTIC CABLE AND RE-PULL IN NEW CONDUIT	1	LS	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00	\$19,230.00	\$19,230.00	\$13,500.00	\$13,500.00

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

Item No.	Description	Quantity	Unit	Meadow Valley Contractors, Inc. dba ACC Southwest		Renda Pacific LLC		Western States Contracting Inc.		Harber Company Inc. dba Mountain Cascade of Nevada	
				Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount	Calc'd Unit Price	Amount
				#DIV/0!		#DIV/0!		#DIV/0!		#DIV/0!	
<b>ACTUAL TOTAL OF ITEMS</b>						<b>\$31,408,097.10</b>		<b>\$31,638,612.00</b>		<b>\$32,267,968.20</b>	<b>\$32,546,111.00</b>
TOTAL SHOWN ON BID SUMMARY						\$31,408,097.10		\$31,638,612.00		\$32,267,968.20	\$32,546,111.00
ERROR						\$0.00		\$0.00		-\$300.00	\$0.00

**ADDITIVE / ALTERNATE ITEMS**

ADDITIVE ALTERNATIVE 1 (CCWRD UPSIZE)											
630.13	10-INCH PVC C900 SANITARY SEWER	194	LF	\$ 132.00	\$ 25,608.00	\$ 100.00	\$ 19,400.00	\$ 116.00	\$ 22,504.00	\$ 220.00	\$ 42,680.00
630.14	12-INCH PVC C900 SANITARY SEWER	809	LF	\$ 138.00	\$ 111,642.00	\$ 115.00	\$ 93,035.00	\$ 122.00	\$ 98,698.00	\$ 225.00	\$ 182,025.00
630.15	ADDITIONAL COST TO UPSIZE 15-INCH PVC TO 20-INCH PVC C905 SANITARY SEWER	3,831	LF	\$ 35.00	\$ 134,085.00	\$ 30.00	\$ 114,930.00	\$ 35.00	\$ 134,085.00	\$ 14.00	\$ 53,634.00
630.16	ADDITIONAL COST TO UPSIZE 18-INCH PVC TO 24-INCH PVC C905 SANITARY SEWER	4,035	LF	\$ 46.00	\$ 185,610.00	\$ 40.00	\$ 161,400.00	\$ 48.00	\$ 193,680.00	\$ 30.00	\$ 121,050.00
630.17	ADDITIONAL COST TO UPSIZE 21-INCH PVC TO 30-INCH PVC C905 SANITARY SEWER	3,901	LF	\$ 85.00	\$ 331,585.00	\$ 75.00	\$ 292,575.00	\$ 86.00	\$ 335,486.00	\$ 60.00	\$ 234,060.00
630.18	60-INCH SANITARY SEWER MANHOLE	1	EA	\$ 14,400.00	\$ 14,400.00	\$ 7,500.00	\$ 7,500.00	\$ 13,700.00	\$ 13,700.00	\$ 18,500.00	\$ 18,500.00
630.19	72-INCH SANITARY SEWER MANHOLE	10	EA	\$ 23,500.00	\$ 235,000.00	\$ 15,000.00	\$ 150,000.00	\$ 22,000.00	\$ 220,000.00	\$ 27,000.00	\$ 270,000.00
<b>SUBTOTAL ADDITIVE ALTERNATIVE 1</b>						<b>\$ 1,037,930.00</b>		<b>\$ 838,840.00</b>		<b>\$ 1,018,153.00</b>	<b>\$ 921,949.00</b>
TOTAL SHOWN ON BID SUMMARY						\$1,037,930.00		\$838,840.00		\$1,018,153.00	\$921,949.00
ERROR						\$0.00		\$0.00		\$0.00	\$0.00

TOTAL ADDITIVE / ALTERNATE ITEMS				\$ 1,037,930.00		\$ 838,840.00		\$ 1,018,153.00		\$ 921,949.00
TOTAL BID INCLUDING ADDITIVE ALTERNATE NO 1				\$ 32,446,027.10		\$ 32,477,452.00		\$ 33,285,121.20		\$ 33,468,060.00

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

Item No.	Description	Quantity	Unit	Las Vegas Paving Corporaton		RTC		RFCD		SID UNIT 1 (Storm Sewer)		SID UNIT 2 (Sanitary Sewer)		WRD (Add Alt. 1)	
				Unit Price	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
107.01	TRAFFIC CONTROL	360	DAY	\$ 1,850.00	\$ 666,000.00	98	\$ 181,300.00	82	\$ 151,700.00	120	\$ 222,000.00	60	\$ 111,000.00	0	\$ -
109.01	CONSTRUCTION CONFLICTS AND ADDITIONAL WORK	1	LS	\$ 500,000.00	\$ 500,000.00	0.6	\$ 300,000.00	0.4	\$ 200,000.00	0	\$ -	0	\$ -	0	\$ -
109.02	HISTORICAL OWNER CAUSED DELAY ALLOWANCE	15	DAY	\$ 500.00	\$ 7,500.00	10	\$ 5,000.00	5	\$ 2,500.00	0	\$ -	0	\$ -	0	\$ -
109.03	HISTORICAL OWNER CAUSED DELAY ALLOWANCE OVER \$500/DAY	15	DAY	\$ 1.00	\$ 15.00	10	\$ 10.00	5	\$ 5.00	0	\$ -	0	\$ -	0	\$ -
110.01	TRAINING	1000	HOUR	\$ 1.40	\$ 1,400.00	1,000	\$ 1,400.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
200.01	MOBILIZATION	1	LS	\$ 1,340,000.75	\$ 1,340,000.75	0.376	\$ 503,840.28	0.311	\$ 416,740.23	0.083	\$ 111,220.06	0.230	\$ 308,200.17	0	\$ -
201.01	CLEARING AND GRUBBING	1	LS	\$ 300,000.00	\$ 300,000.00	1	\$ 300,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
202.01	REMOVE STORM DRAIN	940	LF	\$ 68.00	\$ 63,920.00	940	\$ 63,920.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
202.02	REMOVE STORM DRAIN PIPE (68-INCH)	317	LF	\$ 95.00	\$ 30,115.00	317	\$ 30,115.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
202.03	REMOVE STORM DRAIN MANHOLE	3	EA	\$ 1,850.00	\$ 5,550.00	3	\$ 5,550.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
202.04	ABANDON STORM DRAIN PIPE (12-INCH)	2	EA	\$ 3,500.00	\$ 7,000.00	2	\$ 7,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
202.05	REMOVE BITUMINOUS PAVEMENT	87500	SY	\$ 2.00	\$ 175,000.00	87,500	\$ 175,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
202.06	REMOVE CONCRETE SIDEWALK	990	SF	\$ 3.00	\$ 2,970.00	990	\$ 2,970.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
202.07	REMOVE CONCRETE CURB AND GUTTER	115	LF	\$ 10.00	\$ 1,150.00	115	\$ 1,150.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
202.08	REMOVE TRAFFIC STRIPING	1	LS	\$ 5,350.00	\$ 5,350.00	1	\$ 5,350.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
202.09	REMOVE AND SALVAGE SIGN	36	EA	\$ 31.00	\$ 1,116.00	36	\$ 1,116.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
202.10	REMOVE PULL BOX	10	EA	\$ 155.00	\$ 1,550.00	10	\$ 1,550.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
203.01	ROADWAY EXCAVATION	77000	CY	\$ 7.00	\$ 539,000.00	77,000	\$ 539,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
302.01	TYPE II AGGREGATE BASE	36750	CY	\$ 20.00	\$ 735,000.00	36,750	\$ 735,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
402.01	5-INCH PLANTMIX BITUMINOUS SURFACE	112000	SY	\$ 18.00	\$ 2,016,000.00	112,000	\$ 2,016,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
402.02	6-INCH PLANTMIX BITUMINOUS SURFACE	39500	SY	\$ 22.00	\$ 869,000.00	39,500	\$ 869,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
407.01	SEAL COAT	151500	SY	\$ 0.15	\$ 22,725.00	151,500	\$ 22,725.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
412.01	TYPE III SLURRY SEAL	9400	SY	\$ 7.25	\$ 68,150.00	9,400	\$ 68,150.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
502.01	TRANSITION STRUCTURE ("LVB SD" 545+99.19 TO 546+85.24)	1	EA	\$ 290,000.00	\$ 290,000.00	1	\$ 290,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
502.02	22-FOOT X 8-FOOT RCB	375	LF	\$ 2,130.00	\$ 798,750.00	0	\$ -	0	\$ -	375	\$ 798,750.00	0	\$ -	0	\$ -
502.03	TRANSITION STRUCTURE ("LVB SD" 550+60.06 TO 551+88.20)	128	LF	\$ 2,300.00	\$ 294,400.00	128	\$ 294,400.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
502.04	18-FOOT X 8-FOOT RCB	277	LF	\$ 1,490.00	\$ 412,730.00	277	\$ 412,730.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
502.05	TRANSITION STRUCTURE ("LVB SD" 554+65.58 TO 554+85.58)	20	LF	\$ 2,200.00	\$ 44,000.00	0	\$ -	0	\$ -	20	\$ 44,000.00	0	\$ -	0	\$ -
502.06	18-FOOT X 8-FOOT RCB	240	LF	\$ 1,180.00	\$ 283,200.00	240	\$ 283,200.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
502.07	TRANSITION STRUCTURE ("LVB SD" 557+25.00 TO 557+45.00)	20	LF	\$ 2,150.00	\$ 43,000.00	0	\$ -	0	\$ -	20	\$ 43,000.00	0	\$ -	0	\$ -
502.08	15-FOOT X 8-FOOT RCB	11055	LF	\$ 974.00	\$ 10,767,570.00	0	\$ -	4,720	\$ 4,597,280.00	6,335	\$ 6,170,290.00	0	\$ -	0	\$ -
502.09	TRANSITION STRUCTURE ("LVB SD" 668+00.00 TO 668+20.00)	20	LF	\$ 2,100.00	\$ 42,000.00	0	\$ -	12.72	\$ 26,712.00	7.28	\$ 15,288.00	0	\$ -	0	\$ -
502.10	14-FOOT X 8-FOOT RCB	405	LF	\$ 1,110.00	\$ 449,550.00	0	\$ -	380.93	\$ 422,832.30	24.07	\$ 26,717.70	0	\$ -	0	\$ -

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

				Las Vegas Paving Corporaton		RTC		RFCD		SID UNIT 1 (Storm Sewer)		SID UNIT 2 (Sanitary Sewer)		WRD (Add Alt. 1)	
502.11	TRANSITION STRUCTURE ("LVB SD" 672+25.33 TO 672+45.33)	20	LF	\$ 2,000.00	\$ 40,000.00	0	\$ -	20	\$ 40,000.00	0	\$ -	0	\$ -	0	\$ -
502.12	13-FOOT X 8-FOOT RCB	241	LF	\$ 970.00	\$ 233,770.00	0	\$ -	241	\$ 233,770.00	0	\$ -	0	\$ -	0	\$ -
502.13	RECTANGULAR CHANNEL PENETRATION ("LVB SD" 674+85.84)	1	EA	\$ 42,000.00	\$ 42,000.00	0	\$ -	1	\$ 42,000.00	0	\$ -	0	\$ -	0	\$ -
502.14	RCB PENETRATION ("LVB" 63+60)	1	EA	\$ 19,000.00	\$ 19,000.00	0	\$ -	0	\$ -	1	\$ 19,000.00	0	\$ -	0	\$ -
502.15	JUNCTION STRUCTURE ("LVB" 77+18)	1	EA	\$ 22,000.00	\$ 22,000.00	0	\$ -	0	\$ -	1	\$ 22,000.00	0	\$ -	0	\$ -
502.16	RCB PENETRATION ("LVB" 90+67)	1	EA	\$ 20,000.00	\$ 20,000.00	0	\$ -	0	\$ -	1	\$ 20,000.00	0	\$ -	0	\$ -
502.17	JUNCTION STRUCTURE ("LVB" 118+10)	1	EA	\$ 21,500.00	\$ 21,500.00	0	\$ -	1	\$ 21,500.00	0	\$ -	0	\$ -	0	\$ -
502.18	RCB PENETRATION ("LVB" 120+09)	1	EA	\$ 20,000.00	\$ 20,000.00	1	\$ 20,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
502.19	JUNCTION STRUCTURE ("LVB" 143+92)	1	EA	\$ 20,500.00	\$ 20,500.00	1	\$ 20,500.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
502.20	JUNCTION STRUCTURE ("LVB" 170+65)	1	EA	\$ 20,500.00	\$ 20,500.00	1	\$ 20,500.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
502.21	8-FOOT X 6-FOOT RCB	176	LF	\$ 610.00	\$ 107,360.00	176	\$ 107,360.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
502.22	9-FOOT X 6-FOOT RCB	87	LF	\$ 875.00	\$ 76,125.00	87	\$ 76,125.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
502.23	11-FOOT X 6-FOOT RCB	71	LF	\$ 1,155.00	\$ 82,005.00	0	\$ -	0	\$ -	71	\$ 82,005.00	0	\$ -	0	\$ -
502.24	8-FOOT X 6-FOOT RCB PLUG	2	EA	\$ 3,200.00	\$ 6,400.00	0	\$ -	2	\$ 6,400.00	0	\$ -	0	\$ -	0	\$ -
502.25	9-FOOT X 6-FOOT RCB PLUG	1	EA	\$ 3,400.00	\$ 3,400.00	0	\$ -	1	\$ 3,400.00	0	\$ -	0	\$ -	0	\$ -
502.26	11-FOOT X 6-FOOT RCB PLUG	1	EA	\$ 3,700.00	\$ 3,700.00	0	\$ -	0	\$ -	1	\$ 3,700.00	0	\$ -	0	\$ -
603.01	18-INCH RCP STORM DRAIN (CLASS III)	421	LF	\$ 130.00	\$ 54,730.00	421	\$ 54,730.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
603.02	18-INCH RCP STORM DRAIN (CLASS IV)	113	LF	\$ 150.00	\$ 16,950.00	113	\$ 16,950.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
603.03	24-INCH RCP STORM DRAIN (CLASS III)	924	LF	\$ 166.00	\$ 153,384.00	924	\$ 153,384.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
603.04	24-INCH RCP STORM DRAIN (CLASS IV)	346	LF	\$ 170.00	\$ 58,820.00	346	\$ 58,820.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
603.05	24-INCH RCP STORM DRAIN (CLASS V)	152	LF	\$ 192.00	\$ 29,184.00	152	\$ 29,184.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
603.06	36-INCH RCP STORM DRAIN (CLASS III)	117	LF	\$ 235.00	\$ 27,495.00	117	\$ 27,495.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
603.07	60-INCH RCP STORM DRAIN (CLASS III)	80	LF	\$ 330.00	\$ 26,400.00	0	\$ -	0	\$ -	80	\$ 26,400.00	0	\$ -	0	\$ -
603.08	72-INCH RCP STORM DRAIN (CLASS IV)	80	LF	\$ 510.00	\$ 40,800.00	0	\$ -	0	\$ -	80	\$ 40,800.00	0	\$ -	0	\$ -
603.09	58-INCH X 91-INCH HERCP STORM DRAIN (CLASS III)	82	LF	\$ 730.00	\$ 59,860.00	0	\$ -	0	\$ -	82	\$ 59,860.00	0	\$ -	0	\$ -
603.10	24-INCH RCP STORM DRAIN PLUG	5	EA	\$ 650.00	\$ 3,250.00	5	\$ 3,250.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
603.11	60-INCH RCP STORM DRAIN PLUG	1	EA	\$ 1,380.00	\$ 1,380.00	0	\$ -	0	\$ -	1	\$ 1,380.00	0	\$ -	0	\$ -
603.12	58-INCH X 91-INCH HERCP STORM DRAIN PLUG	1	EA	\$ 1,500.00	\$ 1,500.00	0	\$ -	0	\$ -	1	\$ 1,500.00	0	\$ -	0	\$ -
603.13	18-INCH RCP PRECAST END SECTION	1	EA	\$ 1,100.00	\$ 1,100.00	1	\$ 1,100.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
603.14	24-INCH RCP PRECAST END SECTION	3	EA	\$ 1,500.00	\$ 4,500.00	1	\$ 1,500.00	0	\$ -	2	\$ 3,000.00	0	\$ -	0	\$ -
603.15	24-INCH METAL END SECTION (SAFETY TYPE)	2	EA	\$ 1,680.00	\$ 3,360.00	2	\$ 3,360.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
605.01	18-INCH PVC C905 STORM DRAIN PIPE	45	LF	\$ 160.00	\$ 7,200.00	45	\$ 7,200.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
605.02	24-INCH PVC C905 STORM DRAIN PIPE	135	LF	\$ 160.00	\$ 21,600.00	135	\$ 21,600.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
609.01	48-INCH ACCESS STORM DRAIN MANHOLE	34	EA	\$ 2,670.00	\$ 90,780.00	0	\$ -	18	\$ 48,060.00	16	\$ 42,720.00	0	\$ -	0	\$ -



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				Las Vegas Paving Corporaton		RTC		RFCD		SID UNIT 1 (Storm Sewer)		SID UNIT 2 (Sanitary Sewer)		WRD (Add Alt. 1)	
Item No.	Description	Quantity	Unit	Unit Price	Total Price	Quantity	Unit Price	Quantity	Unit Price	Quantity	Unit Price	Quantity	Unit Price	Quantity	Unit Price
609.02	60-INCH TYPE I STORM DRAIN MANHOLE	4	EA	\$ 6,450.00	\$ 25,800.00	0	\$ -	2	\$ 12,900.00	2	\$ 12,900.00	0	\$ -	0	\$ -
609.03	60-INCH TYPE III STORM DRAIN MANHOLE (ANGLE POINT)	3	EA	\$ 8,450.00	\$ 25,350.00	2	\$ 16,900.00	0	\$ -	1	\$ 8,450.00	0	\$ -	0	\$ -
609.04	NDOT TYPE 4 STORM DRAIN MANHOLE	2	EA	\$ 14,400.00	\$ 28,800.00	2	\$ 28,800.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
609.05	NDOT TYPE 2A DROP INLET WITH CONCRETE APRON	16	EA	\$ 5,500.00	\$ 88,000.00	10	\$ 55,000.00	0	\$ -	6	\$ 33,000.00	0	\$ -	0	\$ -
609.06	TYPE CM DROP INLET (L=12.5')	1	EA	\$ 14,400.00	\$ 14,400.00	1	\$ 14,400.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
609.07	ADJUST STORM DRAIN MANHOLE FRAME AND COVER	2	EA	\$ 650.00	\$ 1,300.00	2	\$ 1,300.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
613.01	TACK-ON MEDIAN	13800	SF	\$ 6.30	\$ 86,940.00	13,800	\$ 86,940.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
613.02	CONCRETE "A" TYPE CURB	23700	LF	\$ 12.70	\$ 300,990.00	23,700	\$ 300,990.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
613.03	CONCRETE MEDIAN SURFACE	5975	SF	\$ 5.80	\$ 34,655.00	5,975	\$ 34,655.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
613.04	CONCRETE "L" TYPE CURB AND GUTTER	201	LF	\$ 32.00	\$ 6,432.00	201	\$ 6,432.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
613.05	CONCRETE SIDEWALK	923	SF	\$ 11.00	\$ 10,153.00	923	\$ 10,153.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
616.01	REMOVE AND RESET FENCE AND GATE	1	LS	\$ 4,425.00	\$ 4,425.00	1	\$ 4,425.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
619.01	MEDIAN MARKER POST	63	EA	\$ 200.00	\$ 12,600.00	63	\$ 12,600.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.01	1-1/4-INCH PVC CONDUIT	2635	LF	\$ 9.00	\$ 23,715.00	2,635	\$ 23,715.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.02	2-INCH PVC CONDUIT	5700	LF	\$ 9.50	\$ 54,150.00	5,700	\$ 54,150.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.03	3-INCH PVC CONDUIT	8560	LF	\$ 11.75	\$ 100,580.00	8,560	\$ 100,580.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.04	4-INCH PVC CONDUIT (ITS)	2900	LF	\$ 12.00	\$ 34,800.00	2,900	\$ 34,800.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.05	(4) 4-INCH PVC CONDUIT (FUTURE POWER)	190	LF	\$ 45.50	\$ 8,645.00	190	\$ 8,645.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.06	NO. 3-1/2 PULL BOX	14	EA	\$ 413.00	\$ 5,782.00	14	\$ 5,782.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.07	NO. 5 PULL BOX	5	EA	\$ 625.00	\$ 3,125.00	5	\$ 3,125.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.08	DOUBLE STACKED NO. 7 PULL BOX	21	EA	\$ 2,150.00	\$ 45,150.00	21	\$ 45,150.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.09	F30 PULL BOX	17	EA	\$ 1,250.00	\$ 21,250.00	17	\$ 21,250.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.10	TYPE 200 SPLICE VAULT	4	EA	\$ 5,200.00	\$ 20,800.00	4	\$ 20,800.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.11	TRAFFIC SIGNAL MODIFICATIONS AT LAS VEGAS BLVD/CACTUS AVE	1	LS	\$ 125,000.00	\$ 125,000.00	1	\$ 125,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
623.12	REMOVE AND RESET STREET LIGHT	1	EA	\$ 4,150.00	\$ 4,150.00	1	\$ 4,150.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
624.01	TYPE IIIA BARRICADE	42	EA	\$ 350.00	\$ 14,700.00	42	\$ 14,700.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
627.01	PERMANENT SIGNS (GROUND MOUNTED)(METAL SUPPORTS)	75	EA	\$ 240.00	\$ 18,000.00	75	\$ 18,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
628.01	POLYUREA PAVEMENT MARKINGS (4-INCH SOLID WHITE)	31750	LF	\$ 0.57	\$ 18,097.50	31,750	\$ 18,097.50	0	\$ -	0	\$ -	0	\$ -	0	\$ -
628.02	POLYUREA PAVEMENT MARKINGS (8-INCH SOLID WHITE)	1230	LF	\$ 1.15	\$ 1,414.50	1,230	\$ 1,414.50	0	\$ -	0	\$ -	0	\$ -	0	\$ -
628.03	POLYUREA PAVEMENT MARKINGS (24-INCH SOLID WHITE)	1950	LF	\$ 6.60	\$ 12,870.00	1,950	\$ 12,870.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
628.04	POLYUREA PAVEMENT MARKINGS (24-INCH SOLID YELLOW)	125	LF	\$ 6.60	\$ 825.00	125	\$ 825.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
628.05	POLYUREA PAVEMENT MARKINGS (VARIES)(WHITE)	1750	SF	\$ 3.30	\$ 5,775.00	1,750	\$ 5,775.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
628.06	POLYUREA PAVEMENT MARKINGS (VARIES)(YELLOW)	210	SF	\$ 3.30	\$ 693.00	210	\$ 693.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
628.07	TYPE 2 PERMANENT PAVEMENT MARKING FILM (24-INCH SOLID WHITE)	1400	LF	\$ 13.00	\$ 18,200.00	1,400	\$ 18,200.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -

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				Las Vegas Paving Corporaton		RTC		RFCD		SID UNIT 1 (Storm Sewer)		SID UNIT 2 (Sanitary Sewer)		WRD (Add Alt. 1)	
Item No.	Description	Quantity	Unit	Price	Total	Quantity	Price	Quantity	Price	Quantity	Price	Quantity	Price	Quantity	Price
628.08	TYPE 2 PERMANENT PAVEMENT MARKING FILM (ARROWS)	182	EA	\$ 160.00	\$ 29,120.00	182	\$ 29,120.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
628.09	TYPE 2 PERMANENT PAVEMENT MARKING FILM ("ONLY")	9	EA	\$ 265.00	\$ 2,385.00	9	\$ 2,385.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
628.10	MEDIAN PAINT (YELLOW)	2615	SF	\$ 1.40	\$ 3,661.00	2,615	\$ 3,661.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
628.11	MEDIAN PAINT (WHITE)	4325	SF	\$ 1.40	\$ 6,055.00	4,325	\$ 6,055.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.01	24-INCH WATERLINE RELOCATION ("LVB" 63+33)	1	LS	\$ 150,000.00	\$ 150,000.00	1	\$ 150,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.02	24-INCH WATERLINE RELOCATION ("LVB" 63+70)	1	LS	\$ 180,000.00	\$ 180,000.00	1	\$ 180,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.03	24-INCH WATERLINE RELOCATION ("LVB" 169+89)	1	LS	\$ 55,000.00	\$ 55,000.00	1	\$ 55,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.04	20-INCH WATERLINE RELOCATION ("LVB" 170+51)	1	LS	\$ 48,000.00	\$ 48,000.00	1	\$ 48,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.05	20-INCH WATERLINE RELOCATION ("LVB" 173+74)	1	LS	\$ 68,000.00	\$ 68,000.00	1	\$ 68,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.06	18-INCH STEEL WATERLINE SLEEVE	108	LF	\$ 300.00	\$ 32,400.00	108	\$ 32,400.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.07	20-INCH STEEL WATERLINE SLEEVE	363	LF	\$ 305.00	\$ 110,715.00	363	\$ 110,715.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.08	24-INCH STEEL WATERLINE SLEEVE	216	LF	\$ 320.00	\$ 69,120.00	216	\$ 69,120.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.09	ADJUST WATER VALVE BOX	5	EA	\$ 600.00	\$ 3,000.00	5	\$ 3,000.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.10	ADJUST BLOW-OFF ASSEMBLY	1	EA	\$ 1,900.00	\$ 1,900.00	1	\$ 1,900.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.11	ADJUST FIRE HYDRANT	1	EA	\$ 2,800.00	\$ 2,800.00	1	\$ 2,800.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
629.12	STEEL BOLLARD	2	EA	\$ 800.00	\$ 1,600.00	2	\$ 1,600.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
630.01	8-INCH PVC C900 SANITARY SEWER LATERAL	2937	LF	\$ 88.00	\$ 258,456.00	0	\$ -	0	\$ -	0	\$ -	2,937	\$ 258,456.00	0	\$ -
630.02	8-INCH PVC C900 SANITARY SEWER	970	LF	\$ 122.00	\$ 118,340.00	0	\$ -	0	\$ -	0	\$ -	970	\$ 118,340.00	0	\$ -
630.03	10-INCH PVC C900 SANITARY SEWER	1057	LF	\$ 138.00	\$ 145,866.00	0	\$ -	0	\$ -	0	\$ -	1,057	\$ 145,866.00	0	\$ -
630.04	12-INCH PVC C900 SANITARY SEWER	642	LF	\$ 185.00	\$ 118,770.00	0	\$ -	0	\$ -	0	\$ -	642	\$ 118,770.00	0	\$ -
630.05	15-INCH PVC SANITARY SEWER	5830	LF	\$ 159.00	\$ 926,970.00	0	\$ -	0	\$ -	0	\$ -	5,830	\$ 926,970.00	0	\$ -
630.06	18-INCH PVC SANITARY SEWER	4133	LF	\$ 142.00	\$ 586,886.00	0	\$ -	0	\$ -	0	\$ -	4,133	\$ 586,886.00	0	\$ -
630.07	21-INCH PVC SANITARY SEWER	3901	LF	\$ 170.00	\$ 663,170.00	0	\$ -	0	\$ -	0	\$ -	3,901	\$ 663,170.00	0	\$ -
630.08	60-INCH SANITARY SEWER MANHOLE	2	EA	\$ 14,230.00	\$ 28,460.00	0	\$ -	0	\$ -	0	\$ -	2	\$ 28,460.00	0	\$ -
630.09	72-INCH SANITARY SEWER MANHOLE	56	EA	\$ 23,350.00	\$ 1,307,600.00	0	\$ -	0	\$ -	0	\$ -	56	\$ 1,307,600.00	0	\$ -
630.10	16-INCH PVC C905 SANITARY SEWER	445	LF	\$ 123.72	\$ 55,055.00	0	\$ -	0	\$ -	0	\$ -	445	\$ 55,055.00	0	\$ -
630.11	30-INCH STEEL CASING (BORE AND JACK)	76	LF	\$ 1,400.00	\$ 106,400.00	0	\$ -	0	\$ -	0	\$ -	76	\$ 106,400.00	0	\$ -
630.12	ADJUST SANITARY SEWER MANHOLE COVER AND FRAME	3	EA	\$ 700.00	\$ 2,100.00	3	\$ 2,100.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
631.01	STREET NAME SIGNS (12-INCH)	40	EA	\$ 114.00	\$ 4,560.00	40	\$ 4,560.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -
633.01	NON-REFLECTIVE PAVEMENT MARKERS	6375	EA	\$ 2.25	\$ 14,343.75	6,375	\$ 14,343.75	0	\$ -	0	\$ -	0	\$ -	0	\$ -
633.02	REFLECTIVE PAVEMENT MARKERS	8630	EA	\$ 2.25	\$ 19,417.50	8,630	\$ 19,417.50	0	\$ -	0	\$ -	0	\$ -	0	\$ -
637.01	DUST CONTROL	360	DAY	\$ 650.00	\$ 234,000.00	98	\$ 63,700.00	82	\$ 53,300.00	120	\$ 78,000.00	60	\$ 39,000.00	0	\$ -
637.02	STORM WATER POLLUTION CONTROL	360	DAY	\$ 70.00	\$ 25,200.00	98	\$ 6,860.00	82	\$ 5,740.00	120	\$ 8,400.00	60	\$ 4,200.00	0	\$ -
680.01	REMOVE ITS FIBER OPTIC CABLE AND RE-PULL IN NEW CONDUIT	1	LS	\$ 13,500.00	\$ 13,500.00	1,000	\$ 13,500.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -

Project Name: Las Vegas Boulevard, St. Rose Parkway to Silverado Ranch Boulevard

FUNDING BREAKDOWN

1/11/2017

Project Number: R089EFT

Bid Number: 604083-16

Opening Date: October 14, 2016

L Number: 2082

				Las Vegas Paving Corporaton		RTC		RFCD		SID UNIT 1 (Storm Sewer)		SID UNIT 2 (Sanitary Sewer)		WRD (Add Alt. 1)	
	<b>ADDITIVE ALTERNATE 1 (WRD UPSIZE)</b>														
630.13	10-INCH PVC C900 SANITARY SEWER	194	LF	\$ 142.00	\$ 27,548.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	194	\$ 27,548.00
630.14	12-INCH PVC C900 SANITARY SEWER	809	LF	\$ 185.00	\$ 149,665.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	809	\$ 149,665.00
630.15	ADDITIONAL COST TO UPSIZE 15-INCH PVC TO 20-INCH PVC C905 SANITARY SEWE	3831	LF	\$ 58.00	\$ 222,198.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	3,831	\$ 222,198.00
630.16	ADDITIONAL COST TO UPSIZE 18-INCH PVC TO 24-INCH PVC C905 SANITARY SEWE	4035	LF	\$ 74.00	\$ 298,590.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	4,035	\$ 298,590.00
630.17	ADDITIONAL COST TO UPSIZE 21-INCH PVC TO 30-INCH PVC C905 SANITARY SEWE	3901	LF	\$ 111.00	\$ 433,011.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	3,901	\$ 433,011.00
630.18	60-INCH SANITARY SEWER MANHOLE	1	EA	\$ 14,230.00	\$ 14,230.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	1	\$ 14,230.00
630.19	72-INCH SANITARY SEWER MANHOLE	10	EA	\$ 23,350.00	\$ 233,500.00	0	\$ -	0	\$ -	0	\$ -	0	\$ -	10	\$ 233,500.00
<b>ACTUAL TOTAL OF ITEMS</b>				<b>\$ 30,073,424.00</b>		<b>\$ 9,737,088.53</b>		<b>\$ 6,284,839.53</b>		<b>\$ 7,894,380.76</b>		<b>\$ 4,778,373.17</b>		<b>\$ 1,378,742.00</b>	

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

GOWAN OUTFALL, ALEXANDER ROAD – DECATUR BOULEVARD TO SIMMONS STREET  
INTERLOCAL CONTRACT – NLV04K17

**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 #10  
DATE: 02/09/17

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

<b>SUBJECT:</b> GOWAN OUTFALL, ALEXANDER ROAD - DECATUR BOULEVARD TO SIMMONS STREET
<b>PETITIONER:</b> JENNIFER E. DOODY, P.E., CFM, DIRECTOR OF PUBLIC WORKS CITY OF NORTH LAS VEGAS
<b>RECOMMENDATION OF PETITIONER:</b> THAT THE REGIONAL FLOOD CONTROL DISTRICT APPROVE AN INTERLOCAL CONTRACT FOR DESIGN FOR THE GOWAN OUTFALL, ALEXANDER ROAD - DECATUR BOULEVARD TO SIMMONS STREET – NLV04K17 (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

	CURRENT
Design Engineering	\$1,921,156
Environmental Mitigation	\$ 10,000
<b>Total ILC Value</b>	<b>\$1,931,156</b>

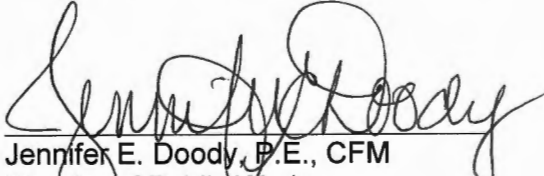
**BACKGROUND:**

The Gowan Outfall System (Structure Nos. GOOF 0375, 0325, 0285 and 0275) is identified in the Regional Flood Control District's Ten-Year Construction Program with design scheduled to begin in fiscal year 2016/2017.

This interlocal contract applies to design and environmental mitigation of 8,515 total feet of various sized storm drain within Alexander Road between Decatur Boulevard and Simmons Street. Specifically, the system is comprised of 2,700 feet of twin 12 foot by 8 foot Reinforced Concrete Box (RCB) from Decatur Boulevard east, followed by 5,300 feet of twin 14 foot by 8 foot RCBs and completed with 515 feet of a single 16 foot by 8 foot RCB and a single 14 foot by 6 foot RCB (side by side) to Simmons Street.

This storm drain system is identified in the CCRFCD Master Plan and will connect to an existing system within Alexander Road at Decatur Boulevard and Simmons Street.

Respectfully submitted,



Jennifer E. Doody, P.E., CFM  
Director of Public Works

<b>TAC AGENDA</b> ITEM # 08 Date: 01/26/17	<b>RFCD AGENDA</b> ITEM # 10 Date: 02/09/17
<b>CAC AGENDA</b> ITEM # 08 Date: 01/30/17	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/17/17

**GOWAN OUTFALL, ALEXANDER ROAD – DECATUR BOULEVARD TO SIMMONS STREET  
INTERLOCAL CONTRACT – NLV04K17**

The City of North Las Vegas has submitted a request to approve an interlocal contract for design engineering and environmental mitigation in the amount of \$1,931,156 for the Gowan Outfall, Alexander Road – Decatur Boulevard to Simmons Street project.

The Gowan Outfall, Alexander Road – Decatur Boulevard to Simmons Street project (Structure Nos. GOOF 0275, 0285, 0325 and 0375) is identified in the Regional Flood Control District’s Ten-Year Construction Program with design scheduled to begin in fiscal year 2016/2017.

This interlocal contract applies to design and environmental mitigation of approximately 8,515 total feet of various sized storm drain within Alexander Road between Decatur Boulevard and Simmons Street. Specifically, the system is comprised of 2,700 feet of twin 12 foot by 8 foot Reinforced Concrete Box (RCB) from Decatur Boulevard east, followed by 5,300 feet of twin 14 foot by 8 foot RCBs and completed with 515 feet of a single 16 foot by 8 foot RCB and a single 14 foot by 6 foot RCB (side by side) to Simmons Street. This storm drain system is identified in the CCRFCD Master Plan and will connect to an existing system within Alexander Road at Decatur Boulevard and Simmons Street.

District funding will be provided as follows:

Design Engineering	\$1,921,156
Environmental Mitigation	\$ 10,000
<b>Total ILC Value</b>	<b>\$1,931,156</b>

The District Attorney has reviewed the contract.

**Staff Recommendation:**

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

**Discussion by Technical Advisory Committee:**

AGENDA  
#08 Date: 01/26/17

**Recommendation:**

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

**Discussion by Citizens Advisory Committee:**

AGENDA  
#08 Date: 01/30/17

**Recommendation:**

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

INTERLOCAL CONTRACT  
GOWAN OUTFALL  
ALEXANDER ROAD - DECATUR BOULEVARD TO SIMMONS STREET

THIS INTERLOCAL CONTRACT made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2017 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and the City of North Las Vegas hereinafter referred to as ("CITY").

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

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

WHEREAS, the flood control improvements proposed herein are the same as those generally identified in the 2013 Master Plan Update, as Structure Nos. GOOF 0375, 0325, 0285 and 0275, hereinafter referred to as "PROJECT"; and

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

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

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

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

**SECTION I - SCOPE OF THE PROJECT**

This INTERLOCAL CONTRACT applies to design and environmental mitigation associated with the Gowan Outfall, Alexander Road – Decatur Boulevard to Simmons Street 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."

## **SECTION II - PROJECTS COSTS**

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

1. The engineering and design shall not exceed \$1,921,156.
2. A Section 8 Environmental Assessment shall be completed at a cost not to exceed \$10,000.
3. The total cost of this Contract shall not exceed \$1,931,156 which includes all the items described in the paragraphs above.
4. If at any time during the term of this Contract the entity determines that a portion of the funds provided pursuant to this Contract will not be needed for the project, then the entity will notify the District in writing of the amount of funds that are not anticipated to be used for the project. Upon receipt of said notification the District's obligation to pay the maximum amount set forth herein will automatically be reduced by the amount specified in the notification.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the Lead Entity is required.
6. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

## **SECTION III - GENERAL**

1. The Clark County Regional Flood Control District shall be shown on the title sheet of both the plans and the specifications as the funding agency.
2. The CITY will comply with the Local Purchasing Act, Chapter 332 and Public Works Projects, Chapter 338, of the Nevada Revised Statutes.
3. 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.
4. The CITY will require appropriate financial security for the construction of the PROJECT.
5. 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.

6. Applicable portions of the current editions of the Policies and Procedures, the Hydrologic Criteria and Drainage Design Manual, and Uniform Regulations for the Control of Drainage adopted by the DISTRICT will apply in developing this PROJECT unless specifically superseded by this CONTRACT.
7. 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.
8. Administrative settlements and acceptance of counter offers involving right-of-way may only be made following a review and approval by the DISTRICT.
9. The DISTRICT will pay the CITY, or make payment directly to its contractor or its consultant, each month for project costs as outlined in SECTION II - PROJECT COSTS. Invoices must identify and allocate all costs to the categories noted below:
  - a. Right-of-Way acquisition including appraisals, title and escrow, negotiations, legal fees, recording fees, etc.
  - b. Predesign Engineering (all work prior to design, excluding right-of-way)
  - c. Design Engineering
  - d. Construction Engineering
  - e. Construction (all work after award of construction contract)
  - f. Environmental: costs incurred by the Lead Entity for the preparation of environmental documentation applicable to the project and costs incurred for the implementation of mitigation measures provided in an environmental document (e.g., EIS OR EA)
  - g. Other including landscaping, flood insurance rate map amendments or revisions, etc.
10. 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.
11. The DISTRICT reserves the right to review and/or audit all records pertaining to all projects both during and after project completion.
12. 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



14. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2018. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.

Date of District Action: REGIONAL FLOOD CONTROL DISTRICT

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

ATTEST:

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

Approved as to Form:

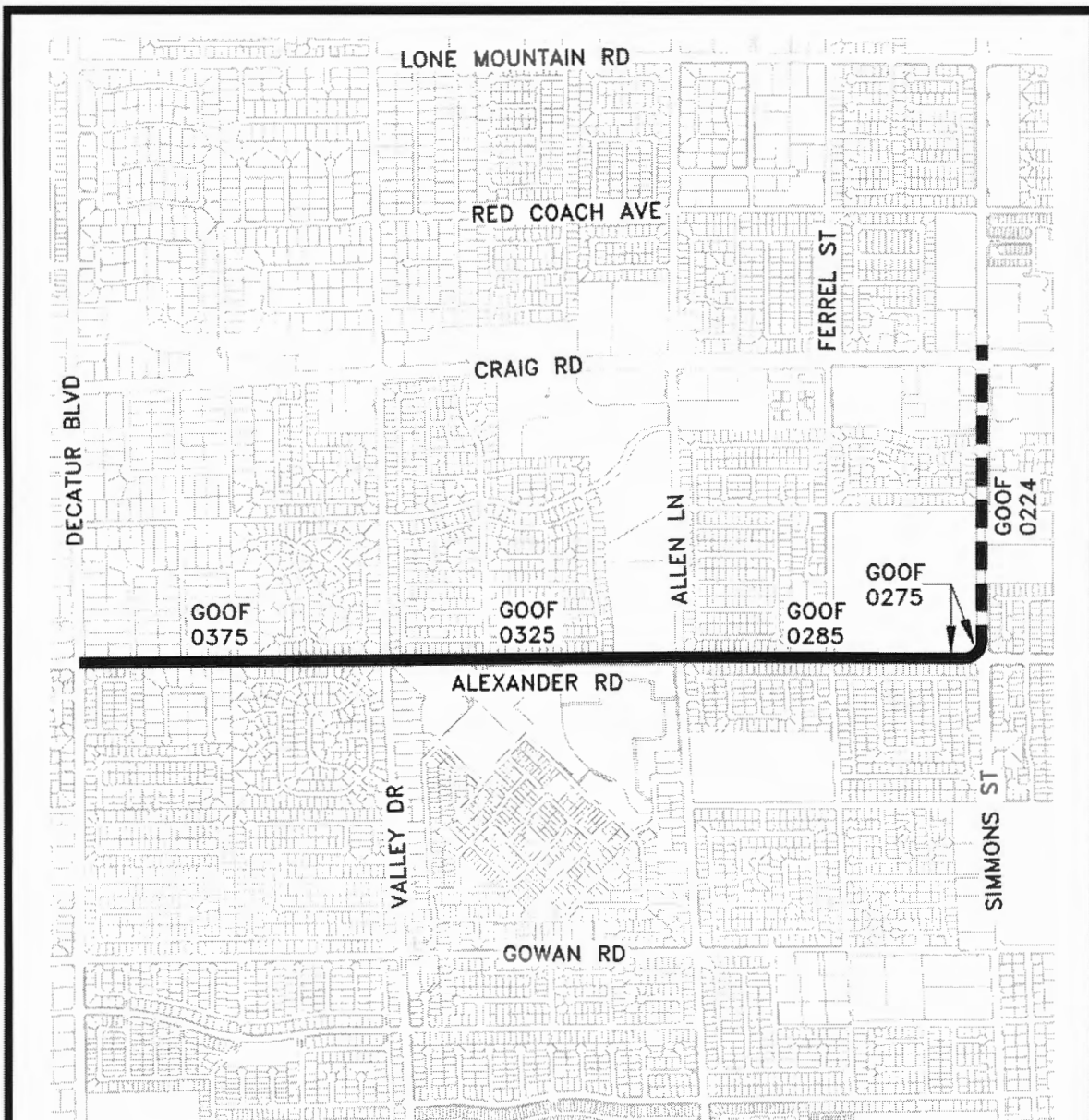
BY: \_\_\_\_\_  
CHRISTOPHER FIGGINS  
Chief Deputy District Attorney

\*\*\*\*\*

Date of Council Action: CITY OF NORTH LAS VEGAS

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

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



**LEGEND**

- PROPOSED FACILITY
- - -** EXISTING FACILITY

**EXHIBIT "A"**

**NLV04K17**



**DEPARTMENT OF PUBLIC WORKS  
ENGINEERING AND  
CONSTRUCTION SERVICES DIVISION  
GOWAN OUTFALL, ALEXANDER ROAD  
DECATUR BOULEVARD TO SIMMONS STREET**

SCALE:	N.T.S.
DRAWING NAME:	10497-VIC.dwg
DRAWN BY:	T. Cochran
DATE:	January 11, 2017
SHEET NUMBER	1 OF 1

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**FREEWAY CHANNEL – WASHINGTON, MLK TO RANCHO DRIVE  
THIRD SUPPLEMENTAL INTERLOCAL CONTRACT – LAS14D14**

**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 #11a  
DATE: 02/09/17**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b> FREEWAY CHANNEL – WASHINGTON, MLK TO RANCHO DRIVE
<b>PETITIONER:</b> DAVID BOWERS, DIRECTOR CITY OF LAS VEGAS PUBLIC WORKS
<b>RECOMMENDATION OF PETITIONER:</b> IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT TO INCREASE PROJECT FUNDING AND EXTEND THE PROJECT COMPLETION DATE FOR FREEWAY CHANNEL – WASHINGTON, MLK TO RANCHO DRIVE – LAS14D14 (FOR POSSIBLE ACTION)

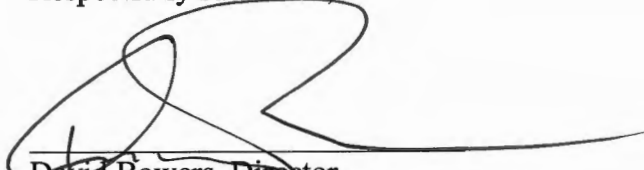
**FISCAL IMPACT:**

	Current Funding	Increase/Decrease	Proposed Funding
Construction Management	\$ 705,000	\$200,000	\$ 905,000
Construction	\$10,050,343	\$450,000	\$10,500,343
Total ILC Value	\$10,755,343	\$650,000	\$11,405,343

**BACKGROUND:**

On February 13, 2014, the District approved an Interlocal Contract for Construction and Construction Management associated with the Freeway Channel – Washington, MLK to Rancho Drive project. On August 13, 2015, a First Supplemental Interlocal Contract was approved to increase funding. On January 14, 2016, a Second Supplemental Interlocal Contract was approved to extend the project completion date. This Third Supplemental Interlocal Contract will increase funding to cover the cost of the bid and extend the project completion date from June 30, 2017 to June 30, 2018.

Respectfully submitted,



David Bowers, Director  
Department of Public Works

TAC AGENDA ITEM # 09a Date: 01/26/2017	RFCD AGENDA ITEM # 11a Date: 02/09/2017
CAC AGENDA ITEM # 09a Date: 01/30/2017	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/17/17

**FREEWAY CHANNEL – WASHINGTON, MLK TO RANCHO DRIVE  
THIRD SUPPLEMENTAL INTERLOCAL CONTRACT – LAS14D14**

The City of Las Vegas has submitted a request to approve a third supplemental interlocal contract for construction and construction engineering to increase funding in the amount of \$650,000 and extend the project completion date from June 30, 2017 to June 30, 2018 for the Freeway Channel – Washington, MLK to Rancho Drive project.

The increase in funding is to cover the cost of the bid. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$10,050,343	\$450,000	\$10,500,343
Construction Engineering	\$ 705,000	\$200,000	\$ 905,000
Total ILC Value	\$10,755,343	\$650,000	\$11,405,343

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  
#09a Date: 01/26/17

**Recommendation:**

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

**Discussion by Citizens Advisory Committee:**

AGENDA  
#09a Date: 01/30/17

**Recommendation:**

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

**THIRD SUPPLEMENTAL INTERLOCAL CONTRACT  
FREEWAY CHANNEL – WASHINGTON, MLK TO RANCHO DRIVE**

**THIS THIRD SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2017 by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the City of Las Vegas hereinafter referred to as “CITY”.

**WITNESSETH**

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2013 Master Plan Update as Facility Numbers LV15 0424, LV15 0472 and LV15 0474, hereinafter referred to as “PROJECT”; and

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

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

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

**WHEREAS**, the Interlocal Contract dated February 13, 2014, First Supplemental Interlocal Contract Dated August 13, 2015 and Second Supplemental Interlocal Contract dated January 14, 2016 were entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City desires to increase project funding and extend the project completion date for the project.

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

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

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

1. Construction Management not exceed \$905,000.
2. Construction at a cost not to exceed \$10,500,343.



3. The total cost of this Contract shall not exceed \$11,405,343 which includes all the items described in the paragraphs above.
4. If at any time during the term of this Contract the entity determines that a portion of the funds provided pursuant to this Contract will not be needed for the project, then the entity will notify the District in writing of the amount of funds that are not anticipated to be used for the project. Upon receipt of said notification the District's obligation to pay the maximum amount set forth herein will automatically be reduced by the amount specified in the notification.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the Lead Entity is required.
6. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

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

15. The items covered in SECTION II – PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to June 30, 2018. The DISTRICT may, at any time thereafter, grant extensions or terminate this contract after thirty (30) days notice.

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The remainder of the original Interlocal Contract dated February 13, 2014 and Supplemental Interlocal Contracts dated August 13, 2015 and January 14, 2016 shall remain unchanged.

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

Date of Council Action

Date of District Action

\_\_\_\_\_

\_\_\_\_\_

City of Las Vegas

Regional Flood Control District

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

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

Attest

Attest

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

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

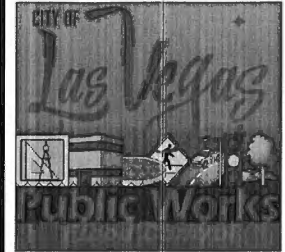
Approved as to Form

Approved as to Form




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

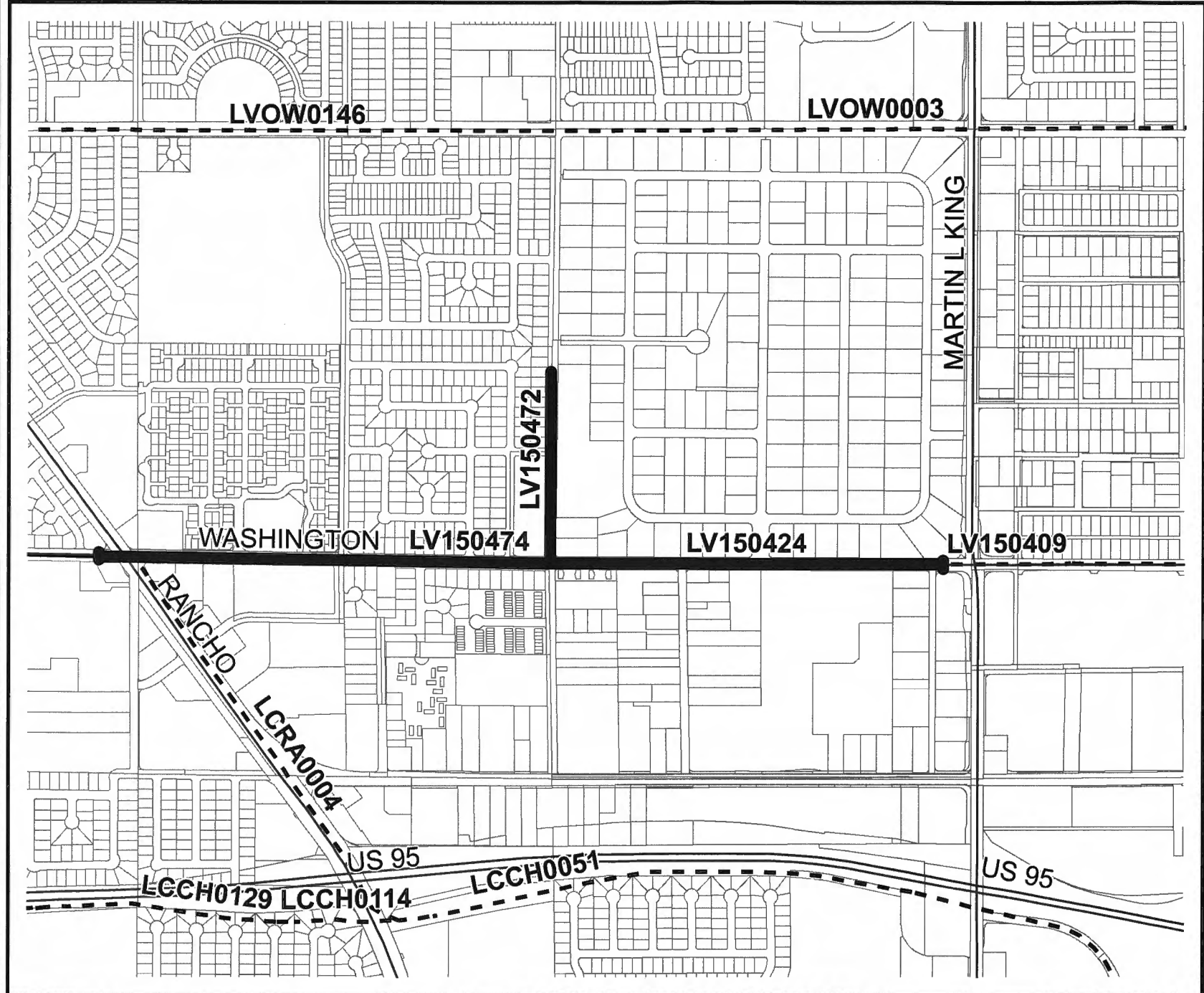
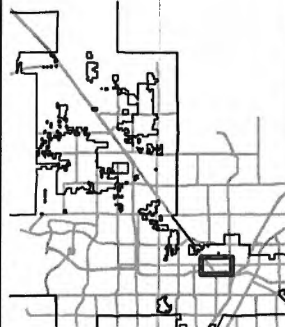
By: \_\_\_\_\_  
Christopher Figgins      Date  
Chief Deputy District Attorney

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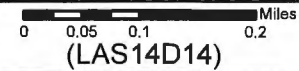


**Legend**

-  Proposed Facilities
-  Existing Regional Facilities
-  Future Regional Facilities



**EXHIBIT A**  
**FREWAY CHANNEL - WASHINGTON, MLK TO RANCHO DRIVE**



**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**FREEWAY CHANNEL – WASHINGTON, MLK TO RANCHO DRIVE  
AWARD OF BID FOR CONSTRUCTION – LAS14D14**

**RECOMMENDATION SUMMARY**

**STAFF:** Receive the report.

**TECHNICAL ADVISORY:** Receive the report.

**CITIZENS ADVISORY:** Receive the report.

**RFCD AGENDA  
ITEM #11b  
DATE: 02/09/17**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b> FREEWAY CHANNEL – WASHINGTON, MLK TO RANCHO DRIVE
<b>PETITIONER:</b> DAVID BOWERS, DIRECTOR CITY OF LAS VEGAS PUBLIC WORKS
<b>RECOMMENDATION OF PETITIONER:</b> IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT RECEIVE A REPORT ON THE RECOMMENDATION OF THE AWARD OF BID FOR CONSTRUCTION OF THE FREEWAY CHANNEL – WASHINGTON, MLK TO RANCHO DRIVE – LAS14D14

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

\$ 9,525,289.50	Regional Flood Control District
\$ 283,052.00	CLV Sanitation Fund
<u>\$ 223,997.50</u>	RTC - FRI
\$10,032,339.00	Total


**BACKGROUND:**

On December 21, 2016, bids were open for Freeway Channel – Washington, MLK to Rancho Drive project. Four bids were received ranging in cost from \$10,032,339.00 to \$10,460,254.00. The lowest bidder of \$10,032,339 by Tand, Inc. was recommended, which is approximately 51.8% above the engineer’s estimate of \$6,606,635.75 presented to the District Board February 13, 2014. Prior to bidding the project, a first supplemental interlocal contract was approved that increased the construction amount in the interlocal contract due to a revised engineer’s estimate that took into account recent increases in construction and material costs. The revised engineer’s estimate totaled \$8,833,187.26. The bid amount by Tand, Inc. is approximately 13.6% above the revised engineer’s estimate.

The interlocal contract dated February 13, 2014, First Supplemental Interlocal Agreement dated August 13, 2015 and Second Supplemental Interlocal Agreement dated January 14, 2016 between the District and the City allocated \$10,050,343.00 for construction of this project. There is an item on this agenda for approval to increase construction funding to \$10,500,343.00.

A cash flow projection, estimated construction schedule, and a tabulation of base bid are attached.

Respectfully submitted,

  
David Bowers, Director  
Department of Public Works

TAC AGENDA ITEM #09b Date: 01/26/2017	RFCD AGENDA ITEM # 11b Date: 02/09/2017
CAC AGENDA ITEM # 09b Date: 01/30/2017	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/30/17

**FREEWAY CHANNEL – WASHINGTON, MLK TO RANCHO DRIVE  
AWARD OF BID FOR CONSTRUCTION – LAS14D14**

On December 21, 2016, bids were opened for the project. Four bids were received ranging in cost from \$10,032,339.00 to \$10,460,254.00. The recommended best bid is to Tand, Inc., in the amount of \$10,032,339.00, or 51.8% above than the engineer's estimate of \$6,606,635.75, presented to the District Board in February 2014. Prior to bidding the project, a first supplemental interlocal contract was approved that increased the construction amount in the interlocal contract due to a revised engineer's estimate that took into account recent increases in construction and material costs. The revised engineer's estimate totaled \$8,833,187.26. The bid amount by Tand, Inc., is approximately 13.6% above the engineer's estimate.

The interlocal contract dated February 13, 2014, First Supplemental interlocal contract dated August 13, 2015 and Second Supplemental interlocal contract dated January 14, 2016 between the District and the City allocates \$10,050,343.00 for construction of this project. There is an item on this agenda for approval to increase construction funding to \$10,500,343.00.

A cash flow projection, estimated construction schedule, and a tabulation of bids are attached.

**Staff Recommendation:**

Receive the report.

**Discussion by Technical Advisory Committee:**

AGENDA  
#09b Date: 01/26/17

**Recommendation:**

Receive the report.

**Discussion by Citizens Advisory Committee:**

AGENDA  
#09b Date: 01/30/17

**Recommendation:**

Receive the report.

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

Today's Date: 1/17/2017

Project Number: LAS14D14  
 Project Name: Freeway Channel – Washington, MLK to Rancho Drive  
 Project Type: Storm Drain  
 ILC Amount: \$11,405,343

Construction Schedule			
Milestone	Estimate	Revised	Actual
Award of Bid	8/1/2014	12/21/2016	
CONS Start	10/1/2014	3/1/2017	
CONS Complete	4/30/2014	10/1/2018	
Project Duration	9 months	20 months	

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate		
	\$	%	\$	%	\$	%	Billing Month	\$	%
Aug-14	\$366,767	5%					Mar-17	\$ 228,106.86	2%
Sep-14	\$586,827	8%					Apr-17	\$ 228,106.86	2%
Oct-14	\$733,534	10%					May-17	\$ 228,106.86	2%
Nov-14	\$733,534	10%					Jun-17	\$ 570,267.15	5%
Dec-14	\$1,100,301	15%					Jul-17	\$ 570,267.15	5%
Jan-15	\$1,467,069	20%					Aug-17	\$ 684,320.58	6%
Feb-15	\$1,100,301	15%					Sep-17	\$ 912,427.44	8%
Mar-15	\$733,534	10%					Oct-17	\$ 912,427.44	8%
Apr-15	\$513,474	7%					Nov-17	\$ 1,140,534.30	10%
							Dec-17	\$ 912,427.44	8%
							Jan-18	\$ 1,140,534.30	10%
							Feb-18	\$ 1,140,534.30	10%
							Mar-18	\$ 1,140,534.30	10%
							Apr-18	\$ 228,106.86	2%
							May-18	\$ 228,106.86	2%
							Jun-18	\$ 228,106.86	2%
							Jul-18	\$ 228,106.86	2%
							Aug-18	\$ 228,106.86	2%
							Sep-18	\$ 228,106.86	2%
							Oct-18	\$ 228,106.86	2%
<b>Total</b>	<b>\$ 7,335,343</b>	<b>100%</b>						<b>\$ 11,405,343</b>	<b>100.00%</b>

**BID ABSTRACT**  
**BID NAME**  
**BID NUMBER**

ITEM NO.	ITEM DESCRIPTION	U O M	APPROX QTY	ENGINEER'S ESTIMATE		Tand Inc.		Las Vegas Paving		TAB Contractors		Meadow Valley Contractors, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
107.01	PUBLIC OUTREACH PROGRAM	FA	1	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00	\$ 20,000.00
109.01	OWNER INITIATED TIME EXTENSION ALLOWANCE	DAY	24	\$ 500.00	\$ 12,000.00	\$ 500.00	\$ 12,000.00	\$ 500.00	\$ 12,000.00	\$ 500.00	\$ 12,000.00	\$ 500.00	\$ 12,000.00
109.02	OWNER INITIATED TIME EXTENSION AMOUNT IN ADDITION TO ALLOWANCE	DAY	24	\$ 1,000.00	\$ 24,000.00	\$ 500.00	\$ 12,000.00	\$ 500.00	\$ 12,000.00	\$ 1,200.00	\$ 28,800.00	\$ 500.00	\$ 12,000.00
200.01	MOBILIZATION AND DEMOBILIZATION	LS	1	\$ 485,000.00	\$ 485,000.00	\$ 485,000.00	\$ 485,000.00	\$ 485,000.00	\$ 485,000.00	\$ 485,000.00	\$ 485,000.00	\$ 485,000.00	\$ 485,000.00
202.01	REMOVAL OF ASPHALT PAVEMENT	SY	21,191	\$ 8.00	\$ 169,528.00	\$ 6.00	\$ 127,146.00	\$ 24.00	\$ 508,584.00	\$ 6.00	\$ 127,146.00	\$ 6.00	\$ 127,146.00
202.02	COLD MILL EXISTING PAVEMENT 1-INCH	SY	10,996	\$ 6.00	\$ 65,976.00	\$ 4.00	\$ 43,984.00	\$ 3.00	\$ 32,988.00	\$ 3.25	\$ 35,737.00	\$ 3.50	\$ 38,486.00
202.03	REMOVE EXISTING SIDEWALK	SF	2,136	\$ 3.00	\$ 6,408.00	\$ 1.50	\$ 3,204.00	\$ 5.00	\$ 10,680.00	\$ 2.50	\$ 5,340.00	\$ 3.00	\$ 6,408.00
202.04	REMOVE EXISTING CROSS GUTTER	SF	1,165	\$ 5.00	\$ 5,825.00	\$ 3.50	\$ 4,077.50	\$ 6.00	\$ 6,990.00	\$ 3.00	\$ 3,495.00	\$ 10.00	\$ 11,650.00
202.05	REMOVE EXISTING CURB AND GUTTER	LF	396	\$ 11.00	\$ 4,356.00	\$ 4.00	\$ 1,584.00	\$ 8.00	\$ 3,168.00	\$ 7.00	\$ 2,772.00	\$ 12.00	\$ 4,752.00
202.06	REMOVE EXISTING MEDIAN ISLAND	SF	2,343	\$ 7.00	\$ 16,401.00	\$ 1.50	\$ 3,514.50	\$ 4.00	\$ 9,372.00	\$ 5.00	\$ 11,715.00	\$ 2.00	\$ 4,686.00
202.07	REMOVE EXISTING RCB STORM DRAIN	LF	89	\$ 100.00	\$ 8,900.00	\$ 120.00	\$ 10,680.00	\$ 340.00	\$ 30,260.00	\$ 24.00	\$ 2,136.00	\$ 32.00	\$ 2,848.00
202.08	REMOVE EXISTING RCP STORM DRAIN	LF	3,387	\$ 20.00	\$ 67,740.00	\$ 30.00	\$ 101,610.00	\$ 38.00	\$ 128,706.00	\$ 24.00	\$ 81,288.00	\$ 20.00	\$ 67,740.00
202.09	ABANDON EXISTING RCP STORM DRAIN	LF	1,007	\$ 15.00	\$ 15,105.00	\$ 22.00	\$ 22,154.00	\$ 16.00	\$ 16,112.00	\$ 30.00	\$ 30,210.00	\$ 13.00	\$ 13,091.00
202.10	REMOVE EXISTING MANHOLE	EA	24	\$ 1,500.00	\$ 36,000.00	\$ 1,500.00	\$ 36,000.00	\$ 1,200.00	\$ 28,800.00	\$ 1,700.00	\$ 40,800.00	\$ 1,100.00	\$ 26,400.00
202.11	REMOVE EXISTING DROP INLET	EA	3	\$ 3,500.00	\$ 10,500.00	\$ 1,500.00	\$ 4,500.00	\$ 2,000.00	\$ 6,000.00	\$ 3,500.00	\$ 10,500.00	\$ 1,500.00	\$ 4,500.00
202.12	REMOVE EXISTING SANITARY SEWER	LF	2,829	\$ 20.00	\$ 56,580.00	\$ 28.00	\$ 79,212.00	\$ 33.00	\$ 93,357.00	\$ 11.00	\$ 31,119.00	\$ 20.75	\$ 58,701.75
202.13	ABANDON EXISTING SANITARY SEWER	LF	63	\$ 25.00	\$ 1,575.00	\$ 12.00	\$ 756.00	\$ 27.00	\$ 1,701.00	\$ 50.00	\$ 3,150.00	\$ 30.00	\$ 1,890.00
202.14	REMOVE AND SALVAGE EXISTING SIGN	EA	6	\$ 150.00	\$ 900.00	\$ 70.00	\$ 420.00	\$ 70.00	\$ 420.00	\$ 40.00	\$ 240.00	\$ 125.00	\$ 750.00
203.01	OVER-EXCAVATION AND BACKFILL	CY	100	\$ 25.00	\$ 2,500.00	\$ 55.00	\$ 5,500.00	\$ 50.00	\$ 5,000.00	\$ 50.00	\$ 5,000.00	\$ 60.00	\$ 6,000.00
208.01	CONTAMINATED SOIL EXCAVATION AND DISPOSAL	CY	135	\$ 200.00	\$ 27,000.00	\$ 300.00	\$ 40,500.00	\$ 150.00	\$ 20,250.00	\$ 170.00	\$ 22,950.00	\$ 240.00	\$ 32,400.00
208.02	NON-CONTAMINATED SOIL EXCAVATION AND DISPOSAL	CY	205	\$ 40.00	\$ 8,200.00	\$ 45.00	\$ 9,225.00	\$ 62.00	\$ 12,710.00	\$ 30.00	\$ 6,150.00	\$ 55.00	\$ 11,275.00



**BID ABSTRACT**  
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ITEM NO.	ITEM DESCRIPTION	U O M	APPROX QTY	ENGINEER'S ESTIMATE		Tand Inc.		Las Vegas Paving		TAB Contractors		Meadow Valley Contractors, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
208.03	BACKFILL TO REPLACE CONTAMINATED SOILS	CY	135	\$ 35.00	\$ 4,725.00	\$ 55.00	\$ 7,425.00	\$ 34.00	\$ 4,590.00	\$ 30.00	\$ 4,050.00	\$ 36.00	\$ 4,860.00
270.01	DEWATERING	LS	1	\$ 200,000.00	\$ 200,000.00	\$ 480,000.00	\$ 480,000.00	\$ 75,000.00	\$ 75,000.00	\$ 340,000.00	\$ 340,000.00	\$ 250,000.00	\$ 250,000.00
270.02	CONTAMINATED GROUNDWATER PUMPING ALLOWANCE	ALLOW	1	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00	\$ 100,000.00
270.03	CONTAMINATED GROUNDWATER PERMITTING ALLOWANCE	ALLOW	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
302.01	TYPE II AGGREGATE BASE	CY	10,433	\$ 35.00	\$ 365,155.00	\$ 30.00	\$ 312,990.00	\$ 36.00	\$ 375,588.00	\$ 35.00	\$ 365,155.00	\$ 32.00	\$ 333,856.00
302.01N	TYPE 1 CLASS B AGGREGATE BASE (NDOT)	CY	67	\$ 65.00	\$ 4,355.00	\$ 55.00	\$ 3,685.00	\$ 80.00	\$ 5,360.00	\$ 80.00	\$ 5,360.00	\$ 75.00	\$ 5,025.00
402.01	4-INCH PLANTMIX BITUMINOUS SURFACE	SY	3,861	\$ 25.00	\$ 96,525.00	\$ 24.50	\$ 94,594.50	\$ 20.00	\$ 77,220.00	\$ 22.00	\$ 84,942.00	\$ 22.00	\$ 84,942.00
402.02	5-INCH PLANTMIX BITUMINOUS SURFACE	SY	16,203	\$ 35.00	\$ 567,105.00	\$ 23.00	\$ 372,669.00	\$ 21.00	\$ 340,263.00	\$ 23.00	\$ 372,669.00	\$ 22.00	\$ 356,466.00
402.01N	11-INCH PLANTMIX BITUMINOUS SURFACE	SY	1,214	\$ 60.00	\$ 72,840.00	\$ 65.00	\$ 78,910.00	\$ 53.00	\$ 64,342.00	\$ 60.00	\$ 72,840.00	\$ 56.00	\$ 67,984.00
403.01N	1-INCH PLANTMIX BITUMINOUS OPEN-GRADED SURFACE (NDOT)	SY	364	\$ 5.00	\$ 1,820.00	\$ 35.00	\$ 12,740.00	\$ 31.00	\$ 11,284.00	\$ 30.00	\$ 10,920.00	\$ 26.00	\$ 9,464.00
413.01	1-INCH UTACS BONDED WITH A PMM, S3 GRADATION	SY	38,310	\$ 7.00	\$ 268,170.00	\$ 6.00	\$ 229,860.00	\$ 6.00	\$ 229,860.00	\$ 6.50	\$ 249,015.00	\$ 7.00	\$ 268,170.00
502.01	CAST-IN-PLACE END CLOSURE WALL	LS	1	\$ 4,000.00	\$ 4,000.00	\$ 1,500.00	\$ 1,500.00	\$ 3,300.00	\$ 3,300.00	\$ 12,800.00	\$ 12,800.00	\$ 3,500.00	\$ 3,500.00
502.02	6-FT X 3-FT RCB TO 5-FT X 5-FT RCB CONNECTION	EA	1	\$ 17,000.00	\$ 17,000.00	\$ 38,000.00	\$ 38,000.00	\$ 16,000.00	\$ 16,000.00	\$ 22,000.00	\$ 22,000.00	\$ 14,000.00	\$ 14,000.00
502.03	JUNCTION STRUCTURE	EA	1	\$ 35,000.00	\$ 35,000.00	\$ 48,000.00	\$ 48,000.00	\$ 42,000.00	\$ 42,000.00	\$ 48,000.00	\$ 48,000.00	\$ 45,000.00	\$ 45,000.00
502.04	5-FT X 5-FT REINFORCED CONCRETE BOX	LF	1,621	\$ 600.00	\$ 972,600.00	\$ 675.00	\$ 1,094,175.00	\$ 770.00	\$ 1,248,170.00	\$ 570.00	\$ 923,970.00	\$ 700.00	\$ 1,134,700.00
502.05	6-FT X 5-FT REINFORCED CONCRETE BOX	LF	1,075	\$ 650.00	\$ 698,750.00	\$ 700.00	\$ 752,500.00	\$ 740.00	\$ 795,500.00	\$ 640.00	\$ 688,000.00	\$ 690.00	\$ 741,750.00
502.06	7-FT X 6-FT REINFORCED CONCRETE BOX	LF	15	\$ 1,675.00	\$ 25,125.00	\$ 1,270.00	\$ 19,050.00	\$ 1,900.00	\$ 28,500.00	\$ 2,300.00	\$ 34,500.00	\$ 1,600.00	\$ 24,000.00
502.07	8-FT X 6-FT REINFORCED CONCRETE BOX	LF	2,613	\$ 925.00	\$ 2,417,025.00	\$ 870.00	\$ 2,273,310.00	\$ 938.00	\$ 2,450,994.00	\$ 930.00	\$ 2,430,090.00	\$ 1,060.00	\$ 2,769,780.00
502.08	10-FT X 5-FT REINFORCED CONCRETE BOX	LF	131	\$ 1,500.00	\$ 196,500.00	\$ 1,400.00	\$ 183,400.00	\$ 1,320.00	\$ 172,920.00	\$ 1,300.00	\$ 170,300.00	\$ 1,408.00	\$ 184,448.00
502.09	TRANSITION STRUCTURE #1 (6-FT X 5-FT TO 8-FT X 6-FT)	LF	10	\$ 1,500.00	\$ 15,000.00	\$ 1,650.00	\$ 16,500.00	\$ 1,570.00	\$ 15,700.00	\$ 2,800.00	\$ 28,000.00	\$ 2,000.00	\$ 20,000.00
502.10	TRANSITION STRUCTURE #2 (8-FT X 6-FT TO 10-FT X 5-FT)	LF	10	\$ 2,500.00	\$ 25,000.00	\$ 2,200.00	\$ 22,000.00	\$ 1,885.00	\$ 18,850.00	\$ 3,300.00	\$ 33,000.00	\$ 3,000.00	\$ 30,000.00
502.11	TRANSITION STRUCTURE #3 (10-FT X 5-FT TO 7-FT X 6-FT)	LF	10	\$ 2,500.00	\$ 25,000.00	\$ 2,200.00	\$ 22,000.00	\$ 1,885.00	\$ 18,850.00	\$ 3,300.00	\$ 33,000.00	\$ 3,000.00	\$ 30,000.00
603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	334	\$ 190.00	\$ 63,460.00	\$ 225.00	\$ 75,150.00	\$ 290.00	\$ 96,860.00	\$ 230.00	\$ 76,820.00	\$ 170.00	\$ 56,780.00

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ITEM NO.	ITEM DESCRIPTION	U O M	APPROX QTY	ENGINEER'S ESTIMATE		Tand Inc.		Las Vegas Paving		TAB Contractors		Meadow Valley Contractors, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
603.02	24-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	707	\$ 200.00	\$ 141,400.00	\$ 235.00	\$ 166,145.00	\$ 190.00	\$ 134,330.00	\$ 300.00	\$ 212,100.00	\$ 165.00	\$ 116,655.00
603.03	30-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	93	\$ 215.00	\$ 19,995.00	\$ 385.00	\$ 35,805.00	\$ 300.00	\$ 27,900.00	\$ 320.00	\$ 29,760.00	\$ 185.00	\$ 17,205.00
603.04	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	352	\$ 250.00	\$ 88,000.00	\$ 275.00	\$ 96,800.00	\$ 225.00	\$ 79,200.00	\$ 325.00	\$ 114,400.00	\$ 225.00	\$ 79,200.00
603.05	42-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	250	\$ 275.00	\$ 68,750.00	\$ 245.00	\$ 61,250.00	\$ 330.00	\$ 82,500.00	\$ 365.00	\$ 91,250.00	\$ 300.00	\$ 75,000.00
603.06	48-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	49	\$ 325.00	\$ 15,925.00	\$ 700.00	\$ 34,300.00	\$ 500.00	\$ 24,500.00	\$ 370.00	\$ 18,130.00	\$ 350.00	\$ 17,150.00
603.07	60-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	714	\$ 500.00	\$ 357,000.00	\$ 385.00	\$ 274,890.00	\$ 390.00	\$ 278,460.00	\$ 500.00	\$ 357,000.00	\$ 500.00	\$ 357,000.00
603.08	45-INCH X 29-INCH HE REINFORCED CONCRETE PIPE (CLASS III)	LF	15	\$ 400.00	\$ 6,000.00	\$ 1,500.00	\$ 22,500.00	\$ 500.00	\$ 7,500.00	\$ 350.00	\$ 5,250.00	\$ 775.00	\$ 11,625.00
603.09	53-INCH X 34-INCH HE REINFORCED CONCRETE PIPE (CLASS III)	LF	8	\$ 500.00	\$ 4,000.00	\$ 1,800.00	\$ 14,400.00	\$ 1,000.00	\$ 8,000.00	\$ 400.00	\$ 3,200.00	\$ 1,250.00	\$ 10,000.00
603.10	18-INCH AWWA C905 PVC PRESSURE PIPE - DR32.5	LF	34	\$ 350.00	\$ 11,900.00	\$ 220.00	\$ 7,480.00	\$ 200.00	\$ 6,800.00	\$ 160.00	\$ 5,440.00	\$ 160.00	\$ 5,440.00
609.01	36-INCH ACCESS MANHOLE W/ STEPS	EA	1	\$ 3,000.00	\$ 3,000.00	\$ 4,000.00	\$ 4,000.00	\$ 2,750.00	\$ 2,750.00	\$ 6,000.00	\$ 6,000.00	\$ 1,800.00	\$ 1,800.00
609.02	48-INCH ACCESS MANHOLE W/ STEPS	EA	15	\$ 4,500.00	\$ 67,500.00	\$ 4,250.00	\$ 63,750.00	\$ 3,850.00	\$ 57,750.00	\$ 7,000.00	\$ 105,000.00	\$ 3,000.00	\$ 45,000.00
609.03	TYPE I (48") STORM DRAIN MANHOLE	EA	3	\$ 6,000.00	\$ 18,000.00	\$ 5,500.00	\$ 16,500.00	\$ 5,750.00	\$ 17,250.00	\$ 6,200.00	\$ 18,600.00	\$ 9,000.00	\$ 27,000.00
609.04	TYPE I (60") STORM DRAIN MANHOLE	EA	3	\$ 7,000.00	\$ 21,000.00	\$ 7,000.00	\$ 21,000.00	\$ 6,350.00	\$ 19,050.00	\$ 10,200.00	\$ 30,600.00	\$ 10,000.00	\$ 30,000.00
609.05	TYPE II STORM DRAIN MANHOLE	EA	7	\$ 9,000.00	\$ 63,000.00	\$ 8,000.00	\$ 56,000.00	\$ 8,700.00	\$ 60,900.00	\$ 11,500.00	\$ 80,500.00	\$ 12,000.00	\$ 84,000.00
609.06	TYPE III STORM DRAIN MANHOLE	EA	7	\$ 10,000.00	\$ 70,000.00	\$ 9,200.00	\$ 64,400.00	\$ 9,000.00	\$ 63,000.00	\$ 12,250.00	\$ 85,750.00	\$ 12,300.00	\$ 86,100.00
609.07	PRECAST MANHOLE TEE	EA	1	\$ 10,000.00	\$ 10,000.00	\$ 8,000.00	\$ 8,000.00	\$ 12,750.00	\$ 12,750.00	\$ 11,500.00	\$ 11,500.00	\$ 8,000.00	\$ 8,000.00
609.08	10-FOOT TYPE "DM" DROP INLET	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 16,000.00	\$ 16,000.00	\$ 13,600.00	\$ 13,600.00	\$ 14,200.00	\$ 14,200.00	\$ 18,000.00	\$ 18,000.00
609.09	12.5-FOOT TYPE "DM" DROP INLET	EA	1	\$ 15,000.00	\$ 15,000.00	\$ 18,000.00	\$ 18,000.00	\$ 13,300.00	\$ 13,300.00	\$ 22,000.00	\$ 22,000.00	\$ 17,500.00	\$ 17,500.00
609.10	17.5-FOOT TYPE "DM" DROP INLET	EA	1	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00	\$ 16,100.00	\$ 16,100.00	\$ 25,000.00	\$ 25,000.00	\$ 23,000.00	\$ 23,000.00
609.11	20-FOOT TYPE "DM" DROP INLET	EA	5	\$ 25,000.00	\$ 125,000.00	\$ 28,000.00	\$ 140,000.00	\$ 20,000.00	\$ 100,000.00	\$ 30,000.00	\$ 150,000.00	\$ 28,000.00	\$ 140,000.00
609.12	PRECAST CURB INLET	EA	5	\$ 6,000.00	\$ 30,000.00	\$ 5,500.00	\$ 27,500.00	\$ 6,400.00	\$ 32,000.00	\$ 7,500.00	\$ 37,500.00	\$ 6,000.00	\$ 30,000.00
609.13	NDOT TYPE 2 DROP INLET	EA	5	\$ 7,500.00	\$ 37,500.00	\$ 6,000.00	\$ 30,000.00	\$ 8,000.00	\$ 40,000.00	\$ 10,000.00	\$ 50,000.00	\$ 11,000.00	\$ 55,000.00
609.14	ADJUST EXISTING MANHOLE TO FINISH GRADE	EA	27	\$ 1,150.00	\$ 31,050.00	\$ 1,100.00	\$ 29,700.00	\$ 800.00	\$ 21,600.00	\$ 1,200.00	\$ 32,400.00	\$ 750.00	\$ 20,250.00

**BID ABSTRACT**

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ITEM NO.	ITEM DESCRIPTION	U O M	APPROX QTY	ENGINEER'S ESTIMATE		Tand Inc.		Las Vegas Paving		TAB Contractors		Meadow Valley Contractors, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
613.01	L TYPE CURB AND GUTTER	LF	143	\$ 40.00	\$ 5,720.00	\$ 30.00	\$ 4,290.00	\$ 28.00	\$ 4,004.00	\$ 40.00	\$ 5,720.00	\$ 35.00	\$ 5,005.00
613.02	A TYPE CURB	LF	22	\$ 25.00	\$ 550.00	\$ 36.00	\$ 792.00	\$ 42.00	\$ 924.00	\$ 35.00	\$ 770.00	\$ 32.00	\$ 704.00
613.03	CONCRETE SIDEWALK	SF	2,066	\$ 5.00	\$ 10,330.00	\$ 5.50	\$ 11,363.00	\$ 9.00	\$ 18,594.00	\$ 5.00	\$ 10,330.00	\$ 6.00	\$ 12,396.00
613.04	CONCRETE CROSS GUTTER	SF	883	\$ 12.00	\$ 10,596.00	\$ 12.50	\$ 11,037.50	\$ 18.00	\$ 15,894.00	\$ 10.00	\$ 8,830.00	\$ 12.00	\$ 10,596.00
613.05	TACK-ON MEDIAN	SF	2,454	\$ 8.00	\$ 19,632.00	\$ 14.00	\$ 34,356.00	\$ 13.00	\$ 31,902.00	\$ 10.00	\$ 24,540.00	\$ 9.00	\$ 22,086.00
619.01	FLEXIBLE MARKER POST	EA	4	\$ 250.00	\$ 1,000.00	\$ 220.00	\$ 880.00	\$ 230.00	\$ 920.00	\$ 260.00	\$ 1,040.00	\$ 235.00	\$ 940.00
622.01	CONSTRUCTION SURVEYING	LS	1	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 50,000.00	\$ 50,000.00	\$ 115,000.00	\$ 115,000.00	\$ 75,000.00	\$ 75,000.00
623.01	REMOVE AND REPLACE NO. 3-1/2 PULL BOX	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 1,000.00	\$ 550.00	\$ 550.00	\$ 775.00	\$ 775.00	\$ 600.00	\$ 600.00
623.02	6-FOOT X 6-FOOT TRAFFIC LOOP DETECTOR	EA	17	\$ 1,250.00	\$ 21,250.00	\$ 1,250.00	\$ 21,250.00	\$ 920.00	\$ 15,640.00	\$ 1,000.00	\$ 17,000.00	\$ 900.00	\$ 15,300.00
624.01	TRAFFIC CONTROL AND MAINTENANCE	LS	1	\$ 215,000.00	\$ 215,000.00	\$ 175,000.00	\$ 175,000.00	\$ 215,000.00	\$ 215,000.00	\$ 200,000.00	\$ 200,000.00	\$ 400,000.00	\$ 400,000.00
627.01	REMOVE AND REPLACE EXISTING SIGNS	EA	5	\$ 250.00	\$ 1,250.00	\$ 375.00	\$ 1,875.00	\$ 155.00	\$ 775.00	\$ 250.00	\$ 1,250.00	\$ 225.00	\$ 1,125.00
627.02	INSTALL NEW SIGN ON POST	EA	6	\$ 250.00	\$ 1,500.00	\$ 240.00	\$ 1,440.00	\$ 300.00	\$ 1,800.00	\$ 250.00	\$ 1,500.00	\$ 225.00	\$ 1,350.00
627.03	INSTALL NEW SIGN ON EXISTING LIGHT POLE	EA	2	\$ 150.00	\$ 300.00	\$ 180.00	\$ 360.00	\$ 200.00	\$ 400.00	\$ 250.00	\$ 500.00	\$ 200.00	\$ 400.00
628.01	6-INCH SOLID WHITE LINE (TYPE II PMF)	LF	11,599	\$ 4.00	\$ 46,396.00	\$ 2.00	\$ 23,198.00	\$ 2.00	\$ 23,198.00	\$ 3.00	\$ 34,797.00	\$ 2.50	\$ 28,997.50
628.02	BIKE LANE SYMBOL WITH ARROW (TYPE I PMF)	EA	6	\$ 150.00	\$ 900.00	\$ 125.00	\$ 750.00	\$ 75.00	\$ 450.00	\$ 50.00	\$ 300.00	\$ 40.00	\$ 240.00
628.03	WHITE "ARROW", "ONLY" OR "HUMP" (TYPE II PMF)	EA	36	\$ 150.00	\$ 5,400.00	\$ 150.00	\$ 5,400.00	\$ 125.00	\$ 4,500.00	\$ 80.00	\$ 2,880.00	\$ 75.00	\$ 2,700.00
628.04	24-INCH CROSSWALK RECTANGULAR (TYPE II PMF)	LF	1,490	\$ 12.00	\$ 17,880.00	\$ 9.00	\$ 13,410.00	\$ 9.00	\$ 13,410.00	\$ 10.00	\$ 14,900.00	\$ 10.00	\$ 14,900.00
628.05	24-INCH STOP LINE (TYPE II PMF)	LF	360	\$ 12.00	\$ 4,320.00	\$ 9.00	\$ 3,240.00	\$ 9.00	\$ 3,240.00	\$ 10.00	\$ 3,600.00	\$ 10.00	\$ 3,600.00
628.06	YELLOW REFLECTIVE PAINT	SF	3,561	\$ 2.50	\$ 8,902.50	\$ 1.25	\$ 4,451.25	\$ 1.00	\$ 3,561.00	\$ 2.00	\$ 7,122.00	\$ 1.25	\$ 4,451.25
628.07	WHITE REFLECTIVE PAINT	SF	149	\$ 3.00	\$ 447.00	\$ 1.25	\$ 186.25	\$ 2.00	\$ 298.00	\$ 2.00	\$ 298.00	\$ 1.00	\$ 149.00
628.08	SOLID YELLOW PAVEMENT MARKING FILM (TYPE II)	SF	171	\$ 6.00	\$ 1,026.00	\$ 6.00	\$ 1,026.00	\$ 9.00	\$ 1,539.00	\$ 5.00	\$ 855.00	\$ 5.00	\$ 855.00
628.09	SOLID WHITE PAVEMENT MARKING FILM (TYPE II)	SF	147	\$ 6.00	\$ 882.00	\$ 6.00	\$ 882.00	\$ 9.00	\$ 1,323.00	\$ 5.00	\$ 735.00	\$ 5.00	\$ 735.00
628.10	6-FOOT X 2-INCH SKIP WHITE LINE	LF	437	\$ 2.00	\$ 874.00	\$ 1.50	\$ 655.50	\$ 5.00	\$ 2,185.00	\$ 1.00	\$ 437.00	\$ 2.50	\$ 1,092.50

**BID ABSTRACT  
BID NAME  
BID NUMBER**

ITEM NO.	ITEM DESCRIPTION	U O M	APPROX QTY	ENGINEER'S ESTIMATE		Tand Inc.		Las Vegas Paving		TAB Contractors		Meadow Valley Contractors, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
629.01	6-INCH DUCTILE IRON PIPE	LF	37	\$ 450.00	\$ 16,650.00	\$ 440.00	\$ 16,280.00	\$ 375.00	\$ 13,875.00	\$ 630.00	\$ 23,310.00	\$ 550.00	\$ 20,350.00
629.02	8-INCH DUCTILE IRON PIPE	LF	519	\$ 400.00	\$ 207,600.00	\$ 165.00	\$ 85,635.00	\$ 205.00	\$ 106,395.00	\$ 300.00	\$ 155,700.00	\$ 300.00	\$ 155,700.00
629.03	10-INCH DUCTILE IRON PIPE	LF	177	\$ 425.00	\$ 75,225.00	\$ 325.00	\$ 57,525.00	\$ 400.00	\$ 70,800.00	\$ 520.00	\$ 92,040.00	\$ 550.00	\$ 97,350.00
629.04	VERTICAL ADJUST WATER VALVE COVER	EA	21	\$ 700.00	\$ 14,700.00	\$ 625.00	\$ 13,125.00	\$ 735.00	\$ 15,435.00	\$ 870.00	\$ 18,270.00	\$ 800.00	\$ 16,800.00
629.05	RELOCATE EXISTING WATER SERVICE LATERAL	EA	1	\$ 2,000.00	\$ 2,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,300.00	\$ 5,300.00	\$ 4,500.00	\$ 4,500.00	\$ 20,000.00	\$ 20,000.00
629.06	MISCELLANEOUS LVVWD REQUIRED FIELD ADJUSTMENTS	FA	1	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00
630.01	4-INCH PVC SDR 35 SANITARY SEWER LATERAL	LF	21	\$ 200.00	\$ 4,200.00	\$ 200.00	\$ 4,200.00	\$ 220.00	\$ 4,620.00	\$ 200.00	\$ 4,200.00	\$ 300.00	\$ 6,300.00
630.02	4- TO 6-INCH C-900 PVC SANITARY SEWER LATERAL	LF	152	\$ 200.00	\$ 30,400.00	\$ 215.00	\$ 32,680.00	\$ 135.00	\$ 20,520.00	\$ 260.00	\$ 39,520.00	\$ 275.00	\$ 41,800.00
630.03	8-INCH PVC SDR 35 SANITARY SEWER PIPE	LF	852	\$ 175.00	\$ 149,100.00	\$ 110.00	\$ 93,720.00	\$ 126.00	\$ 107,352.00	\$ 270.00	\$ 230,040.00	\$ 140.00	\$ 119,280.00
630.04	10-INCH PVC SDR 35 SANITARY SEWER PIPE	LF	1,272	\$ 195.00	\$ 248,040.00	\$ 110.00	\$ 139,920.00	\$ 156.00	\$ 198,432.00	\$ 300.00	\$ 381,600.00	\$ 105.00	\$ 133,560.00
630.05	12-INCH PVC SDR 35 SANITARY SEWER PIPE	LF	48	\$ 230.00	\$ 11,040.00	\$ 200.00	\$ 9,600.00	\$ 160.00	\$ 7,680.00	\$ 400.00	\$ 19,200.00	\$ 150.00	\$ 7,200.00
630.06	8-INCH C-900 PVC SANITARY SEWER PIPE	LF	220	\$ 190.00	\$ 41,800.00	\$ 205.00	\$ 45,100.00	\$ 180.00	\$ 39,600.00	\$ 200.00	\$ 44,000.00	\$ 190.00	\$ 41,800.00
630.07	10-INCH C-900 PVC SANITARY SEWER PIPE	LF	213	\$ 210.00	\$ 44,730.00	\$ 215.00	\$ 45,795.00	\$ 185.00	\$ 39,405.00	\$ 240.00	\$ 51,120.00	\$ 310.00	\$ 66,030.00
630.08	12-INCH C-900 PVC SANITARY SEWER PIPE	LF	22	\$ 250.00	\$ 5,500.00	\$ 250.00	\$ 5,500.00	\$ 235.00	\$ 5,170.00	\$ 190.00	\$ 4,180.00	\$ 250.00	\$ 5,500.00
630.09	48-INCH SANITARY SEWER MANHOLE	EA	9	\$ 12,000.00	\$ 108,000.00	\$ 12,000.00	\$ 108,000.00	\$ 7,600.00	\$ 68,400.00	\$ 8,600.00	\$ 77,400.00	\$ 9,000.00	\$ 81,000.00
630.10	60-INCH SANITARY SEWER MANHOLE	EA	3	\$ 14,000.00	\$ 42,000.00	\$ 16,000.00	\$ 48,000.00	\$ 13,500.00	\$ 40,500.00	\$ 16,000.00	\$ 48,000.00	\$ 15,000.00	\$ 45,000.00
633.01	REFLECTIVE RAISED PAVEMENT MARKERS	EA	1,224	\$ 3.00	\$ 3,672.00	\$ 2.75	\$ 3,366.00	\$ 4.00	\$ 4,896.00	\$ 2.50	\$ 3,060.00	\$ 2.50	\$ 3,060.00
633.02	NON-REFLECTIVE RAISED PAVEMENT MARKERS	EA	2,834	\$ 2.00	\$ 5,668.00	\$ 2.50	\$ 7,085.00	\$ 4.00	\$ 11,336.00	\$ 2.50	\$ 7,085.00	\$ 2.50	\$ 7,085.00
633.03	BLUE REFLECTIVE RAISED FIRE HYDRANT ID PAVEMENT MARKERS	EA	11	\$ 13.00	\$ 143.00	\$ 20.00	\$ 220.00	\$ 6.00	\$ 66.00	\$ 12.00	\$ 132.00	\$ 13.00	\$ 143.00
637.01	DUST CONTROL	LS	1	\$ 100,000.00	\$ 100,000.00	\$ 250,000.00	\$ 250,000.00	\$ 115,000.00	\$ 115,000.00	\$ 105,000.00	\$ 105,000.00	\$ 100,000.00	\$ 100,000.00
637.02	NPDES DISCHARGE PERMIT	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 75,000.00	\$ 75,000.00	\$ 5,000.00	\$ 5,000.00	\$ 1,700.00	\$ 1,700.00	\$ 25,000.00	\$ 25,000.00
637.03	POST CONSTRUCTION ROCK MULCH	AC	0	\$ 50,000.00	\$ 2,000.00	\$ 30,000.00	\$ 1,200.00	\$ 100,000.00	\$ 4,000.00	\$ 30,000.00	\$ 1,200.00	\$ 55,000.00	\$ 2,200.00
691.01	COATING EXISTING 48-INCH MANHOLE (5-FOOT DEPTH TO 10-FOOT DEPTH)	EA	13	\$ 5,000.00	\$ 65,000.00	\$ 7,200.00	\$ 93,600.00	\$ 6,300.00	\$ 81,900.00	\$ 7,000.00	\$ 91,000.00	\$ 6,500.00	\$ 84,500.00

**BID ABSTRACT  
BID NAME  
BID NUMBER**

ITEM NO.	ITEM DESCRIPTION	U O M	APPROX QTY	ENGINEER'S ESTIMATE		Tand Inc.		Las Vegas Paving		TAB Contractors		Meadow Valley Contractors, Inc.	
				UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
<b>Total Base Bid Amount</b>													
<b>Engineer's Estimate:</b>				\$10,121,292.50		\$10,032,339.00		\$10,150,278.00		\$10,451,995.00		\$10,460,254.00	

**ADDITIVE / DEDUCTIVE**

ITEM NO.	ITEM DESCRIPTION	U O M	APPROX QTY	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
628.02	BIKE LANE SYMBOL WITH ARROW (TYPE I PMF)	EA	-6.00	\$ 150.00	\$ (900.00)	\$125.00	\$ (750.00)	\$ 75.00	\$ (450.00)	\$ 42.00	\$ (252.00)	\$39.00	\$ (234.00)
628.03	WHITE "ARROW", "ONLY" OR "HUMP" (TYPE II PMF)	EA	-36.00	\$ 150.00	\$ (5,400.00)	\$150.00	\$ (5,400.00)	\$ 125.00	\$ (4,500.00)	\$ 80.00	\$ (2,880.00)	\$75.00	\$ (2,700.00)
628.04	24-INCH CROSSWALK RECTANGULAR (TYPE II PMF)	LF	-1490.00	\$ 12.00	\$ (17,880.00)	\$9.00	\$ (13,410.00)	\$ 9.00	\$ (13,410.00)	\$ 10.00	\$ (14,900.00)	\$9.00	\$ (13,410.00)
628.05	24-INCH STOP LINE (TYPE II PMF)	LF	-360.00	\$ 12.00	\$ (4,320.00)	\$9.00	\$ (3,240.00)	\$ 9.00	\$ (3,240.00)	\$ 10.00	\$ (3,600.00)	\$9.00	\$ (3,240.00)
628.11	BIKE LANE SYMBOL WITH ARROW (PREFORMED THERMOPLASTIC)	EA	6.00	\$ 250.00	\$ 1,500.00	\$355.00	\$ 2,130.00	\$ 70.00	\$ 420.00	\$ 80.00	\$ 480.00	\$72.00	\$ 432.00
628.12	WHITE "ARROW", "ONLY" OR "HUMP" (PREFORMED THERMOPLASTIC)	EA	36.00	\$ 250.00	\$ 9,000.00	\$325.00	\$ 11,700.00	\$ 165.00	\$ 5,940.00	\$ 150.00	\$ 5,400.00	\$138.00	\$ 4,968.00
628.13	24-INCH CROSSWALK RECTANGULAR (PREFORMED THERMOPLASTIC)	LF	1490.00	\$ 17.00	\$ 25,330.00	\$15.00	\$ 22,350.00	\$ 16.00	\$ 23,840.00	\$ 20.00	\$ 29,800.00	\$17.00	\$ 25,330.00
628.14	24-INCH STOP LINE (PREFORMED THERMOPLASTIC)	LF	360.00	\$ 17.00	\$ 6,120.00	\$15.00	\$ 5,400.00	\$ 16.00	\$ 5,760.00	\$ 20.00	\$ 7,200.00	\$17.00	\$ 6,120.00
<b>Total Additive / Deductive Bid Amount</b>				\$ 13,450.00		\$ 18,780.00		\$ 14,360.00		\$ 21,248.00		\$ 17,266.00	

Construction Cost Estimate by Funding Source for  
PROJECT NAME

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		CLV SANITATION FUND		FUEL REVENUE INDEXING		Quantity	Extended Price
					Approx. Quantity (WU 8364)	Source Cost	Approx. Quantity S31250	Source Cost	Approx. Quantity WU8357	Source Cost		
107.01	PUBLIC OUTREACH PROGRAM	1.00	\$ 20,000.00	FA	1.00	\$ 20,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 20,000.00
109.01	OWNER INITIATED TIME EXTENSION ALLOWANCE	24.00	\$ 500.00	DAY	24.00	\$ 12,000.00	0.00	\$ -	0.00	\$ -	24.0	\$ 12,000.00
109.02	OWNER INITIATED TIME EXTENSION AMOUNT IN ADDITION TO ALLOWANCE	24.00	\$ 500.00	DAY	24.00	\$ 12,000.00	0.00	\$ -	0.00	\$ -	24.0	\$ 12,000.00
200.01	MOBILIZATION AND DEMOBILIZATION	1.00	\$ 485,000.00	LS	1.00	\$ 485,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 485,000.00
202.01	REMOVAL OF ASPHALT PAVEMENT	21,191.00	\$ 6.00	SY	20,289.00	\$ 121,734.00	902.00	\$ 5,412.00	0.00	\$ -	21,191.0	\$ 127,146.00
202.02	COLD MILL EXISTING PAVEMENT 1-INCH	10,996.00	\$ 4.00	SY	7,102.00	\$ 28,408.00	0.00	\$ -	3,894.00	\$ 15,576.00	10,996.0	\$ 43,984.00
202.03	REMOVE EXISTING SIDEWALK	2,136.00	\$ 1.50	SF	2,136.00	\$ 3,204.00	0.00	\$ -	0.00	\$ -	2,136.0	\$ 3,204.00
202.04	REMOVE EXISTING CROSS GUTTER	1,165.00	\$ 3.50	SF	1,165.00	\$ 4,077.50	0.00	\$ -	0.00	\$ -	1,165.0	\$ 4,077.50
202.05	REMOVE EXISTING CURB AND GUTTER	396.00	\$ 4.00	LF	396.00	\$ 1,584.00	0.00	\$ -	0.00	\$ -	396.0	\$ 1,584.00
202.06	REMOVE EXISTING MEDIAN ISLAND	2,343.00	\$ 1.50	SF	2,343.00	\$ 3,514.50	0.00	\$ -	0.00	\$ -	2,343.0	\$ 3,514.50
202.07	REMOVE EXISTING RCB STORM DRAIN	89.00	\$ 120.00	LF	89.00	\$ 10,680.00	0.00	\$ -	0.00	\$ -	89.0	\$ 10,680.00
202.08	REMOVE EXISTING RCP STORM DRAIN	3,387.00	\$ 30.00	LF	3,387.00	\$ 101,610.00	0.00	\$ -	0.00	\$ -	3,387.0	\$ 101,610.00
202.09	ABANDON EXISTING RCP STORM DRAIN	1,007.00	\$ 22.00	LF	1,007.00	\$ 22,154.00	0.00	\$ -	0.00	\$ -	1,007.0	\$ 22,154.00
202.10	REMOVE EXISTING MANHOLE	24.00	\$ 1,500.00	EA	21.00	\$ 31,500.00	3.00	\$ 4,500.00	0.00	\$ -	24.0	\$ 36,000.00
202.11	REMOVE EXISTING DROP INLET	3.00	\$ 1,500.00	EA	3.00	\$ 4,500.00	0.00	\$ -	0.00	\$ -	3.0	\$ 4,500.00
202.12	REMOVE EXISTING SANITARY SEWER	2,829.00	\$ 28.00	LF	1,990.00	\$ 55,720.00	839.00	\$ 23,492.00	0.00	\$ -	2,829.0	\$ 79,212.00
202.13	ABANDON EXISTING SANITARY SEWER	63.00	\$ 12.00	LF	63.00	\$ 756.00	0.00	\$ -	0.00	\$ -	63.0	\$ 756.00
202.14	REMOVE AND SALVAGE EXISTING SIGN	6.00	\$ 70.00	EA	0.00	\$ -	0.00	\$ -	6.00	\$ 420.00	6.0	\$ 420.00
203.01	OVER-EXCAVATION AND BACKFILL	100.00	\$ 55.00	CY	100.00	\$ 5,500.00	0.00	\$ -	0.00	\$ -	100.0	\$ 5,500.00
208.01	CONTAMINATED SOIL EXCAVATION AND DISPOSAL	135.00	\$ 300.00	CY	135.00	\$ 40,500.00	0.00	\$ -	0.00	\$ -	135.0	\$ 40,500.00
208.02	NON-CONTAMINATED SOIL EXCAVATION AND DISPOSAL	205.00	\$ 45.00	CY	205.00	\$ 9,225.00	0.00	\$ -	0.00	\$ -	205.0	\$ 9,225.00
208.03	BACKFILL TO REPLACE CONTAMINATED SOILS	135.00	\$ 55.00	CY	135.00	\$ 7,425.00	0.00	\$ -	0.00	\$ -	135.0	\$ 7,425.00
270.01	DEWATERING	1.00	\$ 480,000.00	LS	1.00	\$ 480,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 480,000.00
270.02	CONTAMINATED GROUNDWATER PUMPING ALLOWANCE	1.00	\$ 100,000.00	ALLOW	1.00	\$ 100,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 100,000.00
270.03	CONTAMINATED GROUNDWATER PERMITTING ALLOWANCE	1.00	\$ 10,000.00	ALLOW	1.00	\$ 10,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 10,000.00
302.01	TYPE II AGGREGATE BASE	10,433.00	\$ 30.00	CY	9,890.00	\$ 296,700.00	543.00	\$ 16,290.00	0.00	\$ -	10,433.0	\$ 312,990.00
302.01N	TYPE 1 CLASS B AGGREGATE BASE (NDOT)	67.00	\$ 55.00	CY	67.00	\$ 3,685.00	0.00	\$ -	0.00	\$ -	67.0	\$ 3,685.00

Construction Cost Estimate by Funding Source for  
PROJECT NAME

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		CLV SANITATION FUND		FUEL REVENUE INDEXING		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
402.01	4-INCH PLANTMIX BITUMINOUS SURFACE	3,861.00	\$ 24.50	SY	3,861.00	\$ 94,594.50	0.00	\$ -	0.00	\$ -	3,861.0	\$ 94,594.50
402.02	5-INCH PLANTMIX BITUMINOUS SURFACE	16,203.00	\$ 23.00	SY	15,313.00	\$ 352,199.00	890.00	\$ 20,470.00	0.00	\$ -	16,203.0	\$ 372,669.00
402.01N	11-INCH PLANTMIX BITUMINOUS SURFACE	1,214.00	\$ 65.00	SY	1,214.00	\$ 78,910.00	0.00	\$ -	0.00	\$ -	1,214.0	\$ 78,910.00
403.01N	1-INCH PLANTMIX BITUMINOUS OPEN-GRADED SURFACE (NDOT)	364.00	\$ 35.00	SY	364.00	\$ 12,740.00	0.00	\$ -	0.00	\$ -	364.0	\$ 12,740.00
413.01	1-INCH UTACS BONDED WITH A PMM, S3 GRADATION	38,310.00	\$ 6.00	SY	11,061.00	\$ 66,366.00	0.00	\$ -	27,249.00	\$ 163,494.00	38,310.0	\$ 229,860.00
502.01	CAST-IN-PLACE END CLOSURE WALL	1.00	\$ 1,500.00	LS	1.00	\$ 1,500.00	0.00	\$ -	0.00	\$ -	1.0	\$ 1,500.00
502.02	6-FT X 3-FT RCB TO 5-FT X 5-FT RCB CONNECTION	1.00	\$ 38,000.00	EA	1.00	\$ 38,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 38,000.00
502.03	JUNCTION STRUCTURE	1.00	\$ 48,000.00	EA	1.00	\$ 48,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 48,000.00
502.04	5-FT X 5-FT REINFORCED CONCRETE BOX	1,621.00	\$ 675.00	LF	1,621.00	\$ 1,094,175.00	0.00	\$ -	0.00	\$ -	1,621.0	\$ 1,094,175.00
502.05	6-FT X 5-FT REINFORCED CONCRETE BOX	1,075.00	\$ 700.00	LF	1,075.00	\$ 752,500.00	0.00	\$ -	0.00	\$ -	1,075.0	\$ 752,500.00
502.06	7-FT X 6-FT REINFORCED CONCRETE BOX	15.00	\$ 1,270.00	LF	15.00	\$ 19,050.00	0.00	\$ -	0.00	\$ -	15.0	\$ 19,050.00
502.07	8-FT X 6-FT REINFORCED CONCRETE BOX	2,613.00	\$ 870.00	LF	2,613.00	\$ 2,273,310.00	0.00	\$ -	0.00	\$ -	2,613.0	\$ 2,273,310.00
502.08	10-FT X 5-FT REINFORCED CONCRETE BOX	131.00	\$ 1,400.00	LF	131.00	\$ 183,400.00	0.00	\$ -	0.00	\$ -	131.0	\$ 183,400.00
502.09	TRANSITION STRUCTURE #1 (6-FT X 5-FT TO 8-FT X 6-FT)	10.00	\$ 1,650.00	LF	10.00	\$ 16,500.00	0.00	\$ -	0.00	\$ -	10.0	\$ 16,500.00
502.10	TRANSITION STRUCTURE #2 (8-FT X 6-FT TO 10-FT X 5-FT)	10.00	\$ 2,200.00	LF	10.00	\$ 22,000.00	0.00	\$ -	0.00	\$ -	10.0	\$ 22,000.00
502.11	TRANSITION STRUCTURE #3 (10-FT X 5-FT TO 7-FT X 6-FT)	10.00	\$ 2,200.00	LF	10.00	\$ 22,000.00	0.00	\$ -	0.00	\$ -	10.0	\$ 22,000.00
603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS III)	334.00	\$ 225.00	LF	334.00	\$ 75,150.00	0.00	\$ -	0.00	\$ -	334.0	\$ 75,150.00
603.02	24-INCH REINFORCED CONCRETE PIPE (CLASS III)	707.00	\$ 235.00	LF	707.00	\$ 166,145.00	0.00	\$ -	0.00	\$ -	707.0	\$ 166,145.00
603.03	30-INCH REINFORCED CONCRETE PIPE (CLASS III)	93.00	\$ 385.00	LF	93.00	\$ 35,805.00	0.00	\$ -	0.00	\$ -	93.0	\$ 35,805.00
603.04	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	352.00	\$ 275.00	LF	352.00	\$ 96,800.00	0.00	\$ -	0.00	\$ -	352.0	\$ 96,800.00
603.05	42-INCH REINFORCED CONCRETE PIPE (CLASS III)	250.00	\$ 245.00	LF	250.00	\$ 61,250.00	0.00	\$ -	0.00	\$ -	250.0	\$ 61,250.00
603.06	48-INCH REINFORCED CONCRETE PIPE (CLASS III)	49.00	\$ 700.00	LF	49.00	\$ 34,300.00	0.00	\$ -	0.00	\$ -	49.0	\$ 34,300.00
603.07	60-INCH REINFORCED CONCRETE PIPE (CLASS III)	714.00	\$ 385.00	LF	714.00	\$ 274,890.00	0.00	\$ -	0.00	\$ -	714.0	\$ 274,890.00
603.08	45-INCH X 29-INCH HE REINFORCED CONCRETE PIPE (CLASS III)	15.00	\$ 1,500.00	LF	15.00	\$ 22,500.00	0.00	\$ -	0.00	\$ -	15.0	\$ 22,500.00
603.09	53-INCH X 34-INCH HE REINFORCED CONCRETE PIPE (CLASS III)	8.00	\$ 1,800.00	LF	8.00	\$ 14,400.00	0.00	\$ -	0.00	\$ -	8.0	\$ 14,400.00
603.10	18-INCH AWWA C905 PVC PRESSURE PIPE - DR32.5	34.00	\$ 220.00	LF	34.00	\$ 7,480.00	0.00	\$ -	0.00	\$ -	34.0	\$ 7,480.00
609.01	36-INCH ACCESS MANHOLE W/ STEPS	1.00	\$ 4,000.00	EA	1.00	\$ 4,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 4,000.00
609.02	48-INCH ACCESS MANHOLE W/ STEPS	15.00	\$ 4,250.00	EA	15.00	\$ 63,750.00	0.00	\$ -	0.00	\$ -	15.0	\$ 63,750.00

Construction Cost Estimate by Funding Source for  
PROJECT NAME

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRFCD		CLV SANITATION FUND		FUEL REVENUE INDEXING		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
609.03	TYPE I (48") STORM DRAIN MANHOLE	3.00	\$ 5,500.00	EA	3.00	\$ 16,500.00	0.00	\$ -	0.00	\$ -	3.0	\$ 16,500.00
609.04	TYPE I (60") STORM DRAIN MANHOLE	3.00	\$ 7,000.00	EA	3.00	\$ 21,000.00	0.00	\$ -	0.00	\$ -	3.0	\$ 21,000.00
609.05	TYPE II STORM DRAIN MANHOLE	7.00	\$ 8,000.00	EA	7.00	\$ 56,000.00	0.00	\$ -	0.00	\$ -	7.0	\$ 56,000.00
609.06	TYPE III STORM DRAIN MANHOLE	7.00	\$ 9,200.00	EA	7.00	\$ 64,400.00	0.00	\$ -	0.00	\$ -	7.0	\$ 64,400.00
609.07	PRECAST MANHOLE TEE	1.00	\$ 8,000.00	EA	1.00	\$ 8,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 8,000.00
609.08	10-FOOT TYPE "DM" DROP INLET	1.00	\$ 16,000.00	EA	1.00	\$ 16,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 16,000.00
609.09	12.5-FOOT TYPE "DM" DROP INLET	1.00	\$ 18,000.00	EA	1.00	\$ 18,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 18,000.00
609.10	17.5-FOOT TYPE "DM" DROP INLET	1.00	\$ 25,000.00	EA	1.00	\$ 25,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 25,000.00
609.11	20-FOOT TYPE "DM" DROP INLET	5.00	\$ 28,000.00	EA	5.00	\$ 140,000.00	0.00	\$ -	0.00	\$ -	5.0	\$ 140,000.00
609.12	PRECAST CURB INLET	5.00	\$ 5,500.00	EA	5.00	\$ 27,500.00	0.00	\$ -	0.00	\$ -	5.0	\$ 27,500.00
609.13	NDOT TYPE 2 DROP INLET	5.00	\$ 6,000.00	EA	5.00	\$ 30,000.00	0.00	\$ -	0.00	\$ -	5.0	\$ 30,000.00
609.14	ADJUST EXISTING MANHOLE TO FINISH GRADE	27.00	\$ 1,100.00	EA	15.00	\$ 16,500.00	0.00	\$ -	12.00	\$ 13,200.00	27.0	\$ 29,700.00
613.01	L TYPE CURB AND GUTTER	143.00	\$ 30.00	LF	143.00	\$ 4,290.00	0.00	\$ -	0.00	\$ -	143.0	\$ 4,290.00
613.02	A TYPE CURB	22.00	\$ 36.00	LF	22.00	\$ 792.00	0.00	\$ -	0.00	\$ -	22.0	\$ 792.00
613.03	CONCRETE SIDEWALK	2,066.00	\$ 5.50	SF	2,066.00	\$ 11,363.00	0.00	\$ -	0.00	\$ -	2,066.0	\$ 11,363.00
613.04	CONCRETE CROSS GUTTER	883.00	\$ 12.50	SF	883.00	\$ 11,037.50	0.00	\$ -	0.00	\$ -	883.0	\$ 11,037.50
613.05	TACK-ON MEDIAN	2,454.00	\$ 14.00	SF	2,454.00	\$ 34,356.00	0.00	\$ -	0.00	\$ -	2,454.0	\$ 34,356.00
619.01	FLEXIBLE MARKER POST	4.00	\$ 220.00	EA	4.00	\$ 880.00	0.00	\$ -	0.00	\$ -	4.0	\$ 880.00
622.01	CONSTRUCTION SURVEYING	1.00	\$ 60,000.00	LS	1.00	\$ 60,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 60,000.00
623.01	REMOVE AND REPLACE NO. 3-1/2 PULL BOX	1.00	\$ 1,000.00	EA	1.00	\$ 1,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 1,000.00
623.02	6-FOOT X 6-FOOT TRAFFIC LOOP DETECTOR	17.00	\$ 1,250.00	EA	17.00	\$ 21,250.00	0.00	\$ -	0.00	\$ -	17.0	\$ 21,250.00
624.01	TRAFFIC CONTROL AND MAINTENANCE	1.00	\$ 175,000.00	LS	1.00	\$ 175,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 175,000.00
627.01	REMOVE AND REPLACE EXISTING SIGNS	5.00	\$ 375.00	EA	5.00	\$ 1,875.00	0.00	\$ -	0.00	\$ -	5.0	\$ 1,875.00
627.02	INSTALL NEW SIGN ON POST	6.00	\$ 240.00	EA	5.00	\$ 1,200.00	0.00	\$ -	1.00	\$ 240.00	6.0	\$ 1,440.00
627.03	INSTALL NEW SIGN ON EXISTING LIGHT POLE	2.00	\$ 180.00	EA	0.00	\$ -	0.00	\$ -	2.00	\$ 360.00	2.0	\$ 360.00
628.01	6-INCH SOLID WHITE LINE (TYPE II PMF)	11,599.00	\$ 2.00	LF	1,755.00	\$ 3,510.00	709.00	\$ 1,418.00	9,135.00	\$ 18,270.00	11,599.0	\$ 23,198.00
628.02	BIKE LANE SYMBOL WITH ARROW (TYPE I PMF)	6.00	\$ 125.00	EA	4.00	\$ 500.00	0.00	\$ -	2.00	\$ 250.00	6.0	\$ 750.00
628.03	WHITE "ARROW", "ONLY" OR "HUMP" (TYPE II PMF)	36.00	\$ 150.00	EA	36.00	\$ 5,400.00	0.00	\$ -	0.00	\$ -	36.0	\$ 5,400.00



Construction Cost Estimate by Funding Source for  
PROJECT NAME

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	UOM	CCRCD		CLV SANITATION FUND		FUEL REVENUE INDEXING		Quantity	Extended Price
					Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
628.04	24-INCH CROSSWALK RECTANGULAR (TYPE II PMF)	1,490.00	\$ 9.00	LF	1,040.00	\$ 9,360.00	0.00	\$ -	450.00	\$ 4,050.00	1,490.0	\$ 13,410.00
628.05	24-INCH STOP LINE (TYPE II PMF)	360.00	\$ 9.00	LF	328.00	\$ 2,952.00	0.00	\$ -	32.00	\$ 288.00	360.0	\$ 3,240.00
628.06	YELLOW REFLECTIVE PAINT	3,561.00	\$ 1.25	SF	3,561.00	\$ 4,451.25	0.00	\$ -	0.00	\$ -	3,561.0	\$ 4,451.25
628.07	WHITE REFLECTIVE PAINT	149.00	\$ 1.25	SF	149.00	\$ 186.25	0.00	\$ -	0.00	\$ -	149.0	\$ 186.25
628.08	SOLID YELLOW PAVEMENT MARKING FILM (TYPE II)	171.00	\$ 6.00	SF	171.00	\$ 1,026.00	0.00	\$ -	0.00	\$ -	171.0	\$ 1,026.00
628.09	SOLID WHITE PAVEMENT MARKING FILM (TYPE II)	147.00	\$ 6.00	SF	123.00	\$ 738.00	0.00	\$ -	24.00	\$ 144.00	147.0	\$ 882.00
628.10	6-FOOT X 2-INCH SKIP WHITE LINE	437.00	\$ 1.50	LF	200.00	\$ 300.00	100.00	\$ 150.00	137.00	\$ 205.50	437.0	\$ 655.50
629.01	6-INCH DUCTILE IRON PIPE	37.00	\$ 440.00	LF	37.00	\$ 16,280.00	0.00	\$ -	0.00	\$ -	37.0	\$ 16,280.00
629.02	8-INCH DUCTILE IRON PIPE	519.00	\$ 165.00	LF	519.00	\$ 85,635.00	0.00	\$ -	0.00	\$ -	519.0	\$ 85,635.00
629.03	10-INCH DUCTILE IRON PIPE	177.00	\$ 325.00	LF	177.00	\$ 57,525.00	0.00	\$ -	0.00	\$ -	177.0	\$ 57,525.00
629.04	VERTICAL ADJUST WATER VALVE COVER	21.00	\$ 625.00	EA	9.00	\$ 5,625.00	0.00	\$ -	12.00	\$ 7,500.00	21.0	\$ 13,125.00
629.05	RELOCATE EXISTING WATER SERVICE LATERAL	1.00	\$ 5,000.00	EA	1.00	\$ 5,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 5,000.00
629.06	MISCELLANEOUS LVVWD REQUIRED FIELD ADJUSTMENTS	1.00	\$ 10,000.00	FA	1.00	\$ 10,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 10,000.00
630.01	4-INCH PVC SDR 35 SANITARY SEWER LATERAL	21.00	\$ 200.00	LF	21.00	\$ 4,200.00	0.00	\$ -	0.00	\$ -	21.0	\$ 4,200.00
630.02	4- TO 6-INCH C-900 PVC SANITARY SEWER LATERAL	152.00	\$ 215.00	LF	152.00	\$ 32,680.00	0.00	\$ -	0.00	\$ -	152.0	\$ 32,680.00
630.03	8-INCH PVC SDR 35 SANITARY SEWER PIPE	852.00	\$ 110.00	LF	0.00	\$ -	852.00	\$ 93,720.00	0.00	\$ -	852.0	\$ 93,720.00
630.04	10-INCH PVC SDR 35 SANITARY SEWER PIPE	1,272.00	\$ 110.00	LF	1,272.00	\$ 139,920.00	0.00	\$ -	0.00	\$ -	1,272.0	\$ 139,920.00
630.05	12-INCH PVC SDR 35 SANITARY SEWER PIPE	48.00	\$ 200.00	LF	48.00	\$ 9,600.00	0.00	\$ -	0.00	\$ -	48.0	\$ 9,600.00
630.06	8-INCH C-900 PVC SANITARY SEWER PIPE	220.00	\$ 205.00	LF	220.00	\$ 45,100.00	0.00	\$ -	0.00	\$ -	220.0	\$ 45,100.00
630.07	10-INCH C-900 PVC SANITARY SEWER PIPE	213.00	\$ 215.00	LF	213.00	\$ 45,795.00	0.00	\$ -	0.00	\$ -	213.0	\$ 45,795.00
630.08	12-INCH C-900 PVC SANITARY SEWER PIPE	22.00	\$ 250.00	LF	22.00	\$ 5,500.00	0.00	\$ -	0.00	\$ -	22.0	\$ 5,500.00
630.09	48-INCH SANITARY SEWER MANHOLE	9.00	\$ 12,000.00	EA	7.00	\$ 84,000.00	2.00	\$ 24,000.00	0.00	\$ -	9.0	\$ 108,000.00
630.10	60-INCH SANITARY SEWER MANHOLE	3.00	\$ 16,000.00	EA	3.00	\$ 48,000.00	0.00	\$ -	0.00	\$ -	3.0	\$ 48,000.00
633.01	REFLECTIVE RAISED PAVEMENT MARKERS	1,224.00	\$ 2.75	EA	1,224.00	\$ 3,366.00	0.00	\$ -	0.00	\$ -	1,224.0	\$ 3,366.00
633.02	NON-REFLECTIVE RAISED PAVEMENT MARKERS	2,834.00	\$ 2.50	EA	2,834.00	\$ 7,085.00	0.00	\$ -	0.00	\$ -	2,834.0	\$ 7,085.00
633.03	BLUE REFLECTIVE RAISED FIRE HYDRANT ID PAVEMENT MARKERS	11.00	\$ 20.00	EA	11.00	\$ 220.00	0.00	\$ -	0.00	\$ -	11.0	\$ 220.00
637.01	DUST CONTROL	1.00	\$ 250,000.00	LS	1.00	\$ 250,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 250,000.00
637.02	NPDES DISCHARGE PERMIT	1.00	\$ 75,000.00	LS	1.00	\$ 75,000.00	0.00	\$ -	0.00	\$ -	1.0	\$ 75,000.00



**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**BRENT DRAINAGE SYSTEM – FLOYD LAMB PARK TO DURANGO DRIVE  
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – LAS22T15**

**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 #12a  
DATE: 02/09/17**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

**BRENT DRAINAGE SYSTEM – FLOYD LAMB PARK TO DURANGO DRIVE**

**PETITIONER: DAVID BOWERS, DIRECTOR**

**CITY OF LAS VEGAS PUBLIC WORKS**

**RECOMMENDATION OF PETITIONER:**

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT APPROVE THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT TO INCREASE PROJECT FUNDING FOR BRENT DRAINAGE SYSTEM – FLOYD LAMB PARK TO DURANGO DRIVE – LAS22T15 (FOR POSSIBLE ACTION)

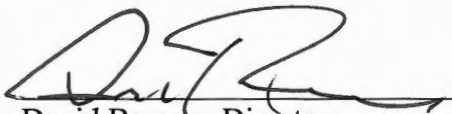
**FISCAL IMPACT:**

	Current Funding	Increase/Decrease	Proposed Funding
Construction Management	\$ 245,400	\$ 55,300	\$ 300,700
Construction	\$3,505,300	\$1,094,700	\$4,600,000
Total ILC Value	\$3,750,700	\$1,150,000	\$4,900,700

**BACKGROUND:**

On August 13, 2015, the District approved an Interlocal Contract for construction and construction management associated with the Brent Drainage System – Floyd Lamb Park to Durango Drive project. A First Supplemental Interlocal Contract was approved on November 10, 2016 to extend the project completion date. This Second Supplemental Interlocal Contract will increase funding to cover the cost of the bid.

Respectfully submitted,



David Bowers, Director  
Department of Public Works

TAC AGENDA ITEM # 10a Date: 01/26/2017	RFCD AGENDA ITEM # 12a Date: 02/09/2017
CAC AGENDA ITEM # 10a Date: 01/30/2017	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/17/17

**BRENT DRAINAGE SYSTEM – FLOYD LAMB PARK TO DURANGO DRIVE  
SECOND SUPPLEMENTAL INTERLOCAL CONTRACT – LAS22T15**

The City of Las Vegas has submitted a request to approve a second supplemental interlocal contract for construction and construction engineering to increase funding in the amount of \$1,150,000 for the Brent Drainage System – Floyd Lamb Park to Durango Drive project.

The increase in funding is to cover the cost of the bid. District funding will be provided as follows:

	Current Funding	Increase/Decrease	Proposed Funding
Construction	\$3,505,300	\$1,094,700	\$4,600,000
Construction Engineering	\$ 245,400	\$ 55,300	\$ 300,700
<b>Total ILC Value</b>	<b>\$3,750,700</b>	<b>\$1,150,000</b>	<b>\$4,900,700</b>

The District Attorney has reviewed the contract.

**Staff Recommendation:**

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

**Discussion by Technical Advisory Committee:**

AGENDA  
#10a Date: 01/26/17

**Recommendation:**

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

**Discussion by Citizens Advisory Committee:**

AGENDA  
#10a Date: 01/30/17

**Recommendation:**

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

**SECOND SUPPLEMENTAL INTERLOCAL CONTRACT  
BRENT DRAINAGE SYSTEM – FLOYD LAMB PARK TO DURANGO DRIVE**

**THIS SECOND SUPPLEMENTAL INTERLOCAL CONTRACT** made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2017 by and between the Clark County Regional Flood Control District, hereinafter referred to as “DISTRICT”, and the City of Las Vegas hereinafter referred to as “CITY”.

**WITNESSETH**

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

**WHEREAS**, the flood control improvements proposed herein are the same as those generally identified in the 2013 Master Plan Update as Facility Number BRDB 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 Ten Year Construction Program; and

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

**WHEREAS**, the Interlocal Contract dated August 13, 2015 and First Supplemental Interlocal Contract dated November 10, 2016 was entered into between the DISTRICT and the CITY; and,

**WHEREAS**, the City desires to increase project funding for the project.

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

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

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

1. Construction Management not exceed \$300,700.
2. Construction at a cost not to exceed \$4,600,000

3. The total cost of this Contract shall not exceed \$4,900,700 which includes all the items described in the paragraphs above.
4. If at any time during the term of this Contract the entity determines that a portion of the funds provided pursuant to this Contract will not be needed for the project, then the entity will notify the District in writing of the amount of funds that are not anticipated to be used for the project. Upon receipt of said notification the District's obligation to pay the maximum amount set forth herein will automatically be reduced by the amount specified in the notification.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the Lead Entity is required.
6. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

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The remainder of the original Interlocal Contract dated August 13, 2015 and First Supplemental Interlocal Contract dated November 10, 2016 shall remain unchanged.

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

Date of Council Action

Date of District Action

\_\_\_\_\_

\_\_\_\_\_

City of Las Vegas

Regional Flood Control District

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

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

Attest

Attest

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

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

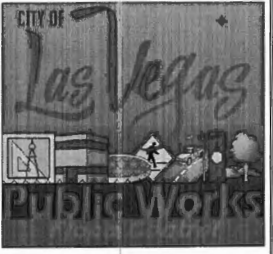
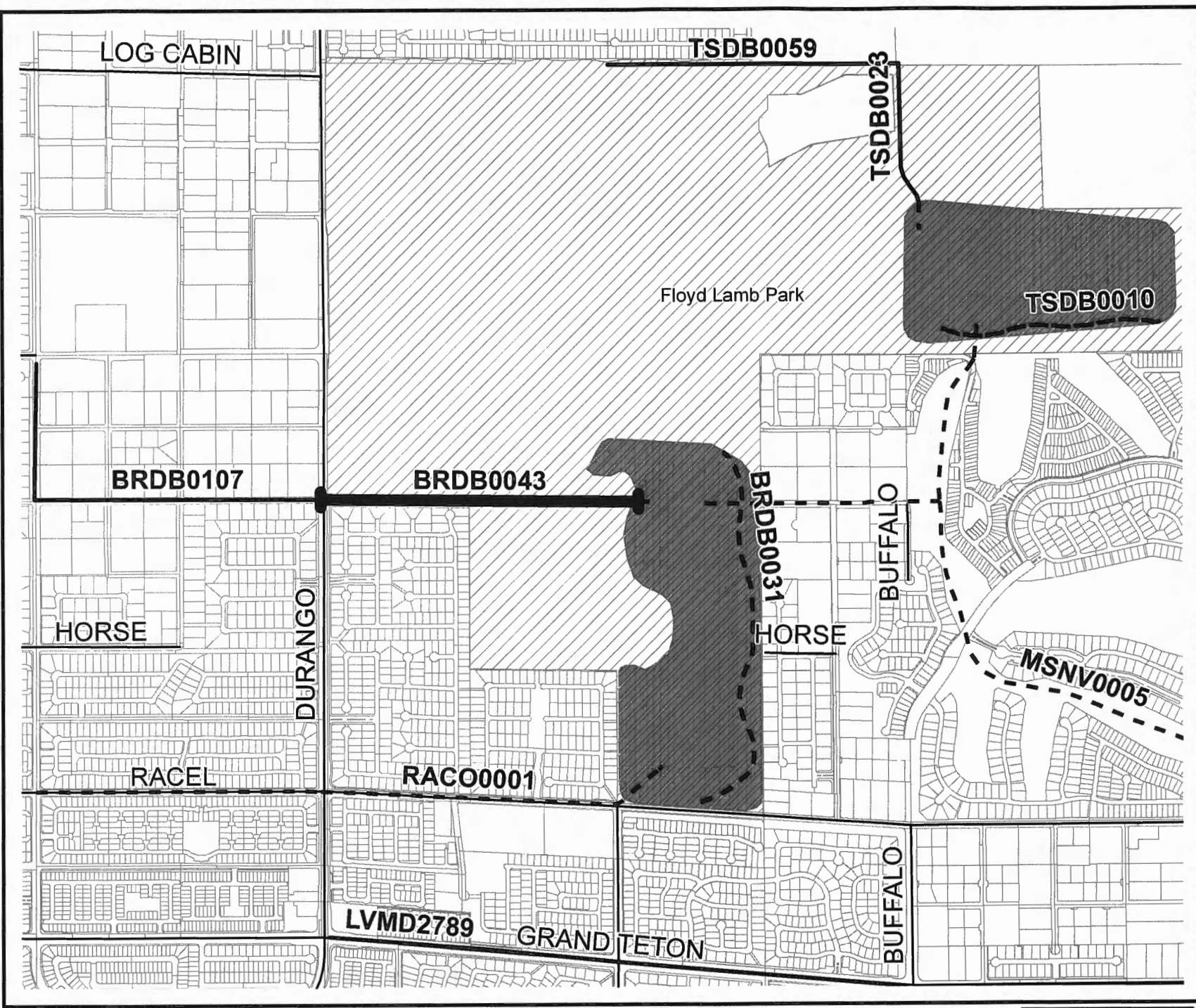
Approved as to Form






Approved as to Form

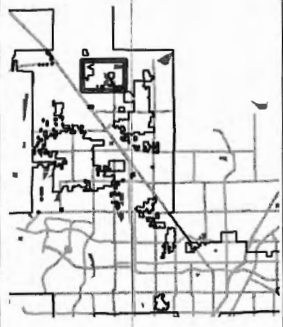
By: \_\_\_\_\_  
Deputy City Attorney      Date

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





- Legend**
-  Proposed Facilities
  -  Existing Regional Facilities
  -  Future Regional Facilities
  -  Park
  -  Regional Detention Basin



**EXHIBIT A  
BRENT DRAINAGE SYSTEM - FLOYD LAMB PARK TO DURANGO**

0 0.075 0.15 0.3 Miles  
(LAS22T15)

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**BRENT DRAINAGE SYSTEM – FLOYD LAMB PARK TO DURANGO DRIVE  
AWARD OF BID FOR CONSTRUCTION – LAS22T15**

**RECOMMENDATION SUMMARY**

**STAFF:** Receive the report.

**TECHNICAL ADVISORY:** Receive the report.

**CITIZENS ADVISORY:** Receive the report.

**RFCD AGENDA  
ITEM #12b  
DATE: 02/09/17**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

**SUBJECT:**

BRENT DRAINAGE SYSTEM – FLOYD LAMB PARK TO DURANGO DRIVE

**PETITIONER:** DAVID BOWERS, DIRECTOR

CITY OF LAS VEGAS PUBLIC WORKS

**RECOMMENDATION OF PETITIONER:**

IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT RECEIVE A REPORT ON THE RECOMMENDATION OF THE AWARD OF BID FOR CONSTRUCTION OF THE BRENT DRAINAGE SYSTEM – FLOYD LAMB PARK TO DURANGO DRIVE – LAS22T15

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

\$ 4,161,884.00	Regional Flood Control District
\$ 195,669.30	SNPLMA
\$ 39,560.00	RTP Grant
\$ 4,397,113.30	Total

**BACKGROUND:**

On December 20, 2016, bids were open for the Brent Drainage System – Floyd Lamb Park to Durango Drive project. Seven bids were received ranging in cost from \$4,393,232.00 to \$5,388,731.70. The second lowest bidder of \$4,397,113.30 by Meadow Valley Contractors, Inc. DBA ACC Southwest was recommended, which is approximately 30.7% above engineer's estimate of \$3,360,277.10 presented to the District Board August 13, 2015. The lowest bidder did not submit all of the necessary documentation to the City; therefore, the second lowest bidder was awarded.

The interlocal contract dated August 13, 2015 between the District and the City allocates \$3,505,300.00 for construction of this project. There is an item on this agenda for approval to increase construction funding to \$4,600,000.00.

A cash flow projection, estimated construction schedule, and a tabulation of base bid are attached.

Respectfully submitted,



David Bowers, Director  
Department of Public Works

TAC AGENDA ITEM # 10b Date: 01/26/2017	RFCD AGENDA ITEM # <sub>12b</sub> Date: 02/09/2017
CAC AGENDA ITEM # 10b Date: 01/30/2017	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/17/17

**BRENT DRAINAGE SYSTEM – FLOYD LAMB PARK TO DURANGO DRIVE  
AWARD OF BID FOR CONSTRUCTION – LAS22T15**

On December 20, 2016, bids were opened for the project. Seven bids were received ranging in cost from \$4,393,232.00 to \$5,388,731.70. The second lowest bidder of \$4,397,113.30 by Meadow Valley Contractors, Inc., DBA ACC Southwest was recommended, which is approximately 30.7% above the engineer's estimate of \$3,360,277.10 presented to the District Board in August 2015. The lowest bidder did not submit all of the necessary documentation to the City, therefore, the recommended award is to the second lowest bidder.

The interlocal contract dated August 13, 2015 and First Supplemental interlocal contract dated November 10, 2016 between the District and the City allocates \$3,505,300.00 for construction of this project. There is an item on this agenda for approval to increase construction funding to \$4,600,000.00.

A cash flow projection, estimated construction schedule, and a tabulation of bids are attached.

**Staff Recommendation:**

Receive the report.

**Discussion by Technical Advisory Committee:**

AGENDA  
#10b Date: 01/26/17

**Recommendation:**

Receive the report.

**Discussion by Citizens Advisory Committee:**

AGENDA  
#10b Date: 01/30/17

**Recommendation:**

Receive the report.

Clark County Regional Flood Control District Cash Flow Projection

Today's Date: 1/17/2017

Project Number: LAS22T15  
 Project Name: Brent Drainage System - Floyd Lamb Park to Durango Drive  
 Project Type: Storm Drain  
 ILC Amount: \$ 4,900,700

Construction Schedule			
Milestone	Estimate	Revised	Actual
Award of Bid	12/31/2015	12/20/2016	
CONS Start	1/31/2016	3/1/2017	
CONS Complete	12/31/2016	3/1/2018	
Project Duration	12 Months	12 months	

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate		
	\$	%	\$	%	\$	%	Billing Month	\$	%
Jan-16	\$187,535	5%					Mar-17	\$245,035	5%
Feb-16	\$300,056	8%					Apr-17	\$392,056	8%
Mar-16	\$375,070	10%					May-17	\$490,070	10%
May-16	\$375,070	10%					Jun-17	\$490,070	10%
Jun-16	\$562,605	15%					Jul-17	\$735,105	15%
Jul-16	\$750,140	20%					Aug-17	\$980,140	20%
Aug-16	\$562,605	15%					Sep-17	\$735,105	15%
Sep-16	\$375,070	10%					Oct-17	\$490,070	10%
Oct-16	\$150,028	4%					Nov-17	\$196,028	4%
Nov-16	\$75,014	2%					Dec-17	\$49,007	1%
Dec-16	\$37,507	1%					Jan-18	\$49,007	1%
							Feb-18	\$49,007	1%
Total	\$ 3,750,700	100%						\$ 4,900,700	100%



**BID ABSTRACT**  
**16.49876-JH Brent Lane Drainage System And Trail**  
**Bid Date: December 20, 2016**

				Engineers Estimate		Las Vegas Paving Corporation		Meadow Valley Contractors, Inc. DBA ACC Southwest		CG&B Enterprises, Inc.			
Item #	Description	UOM	QTY	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Item #	Description
107.01	PUBLIC OUTREACH PROGRAM	LS	1	\$3,700.00	\$3,700.00	\$3,700.00	\$3,700.00	\$3,700.00	\$3,700.00	\$3,700.00	\$3,700.00	107.01	PUBLIC OUTREACH PROGRAM
109.01	OWNER INITIATED TIME EXTENSION ALLOWANCE	DAY	30	\$500.00	\$15,000.00	\$500.00	\$15,000.00	\$500.00	\$15,000.00	\$500.00	\$15,000.00	109.01	OWNER INITIATED TIME EXTENSION ALLOWANCE
109.02	OWNER INITIATED TIME EXTENSION AMOUNT IN ADDITION TO ALLOWANCE	DAY	30	\$750.00	\$22,500.00	\$50.00	\$1,500.00	\$500.00	\$15,000.00	\$1,000.00	\$30,000.00	109.02	OWNER INITIATED TIME EXTENSION AMOUNT IN ADDITION TO ALLOWANCE
200.01	MOBILIZATION AND DEMOBILIZATION	LS	1	\$165,000.00	\$165,000.00	\$165,000.00	\$165,000.00	\$165,000.00	\$165,000.00	\$165,000.00	\$165,000.00	200.01	MOBILIZATION AND DEMOBILIZATION
202.01	REMOVE BITUMINOUS PAVEMENT	SY	3700	\$6.00	\$22,200.00	\$12.00	\$44,400.00	\$22.00	\$81,400.00	\$8.78	\$32,486.00	202.01	REMOVE BITUMINOUS PAVEMENT
202.02	REMOVE DROP INLET	EA	1	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$2,600.00	\$2,600.00	\$1,771.00	\$1,771.00	202.02	REMOVE DROP INLET
202.03	REMOVE STORM DRAIN PIPE	LF	105	\$40.00	\$4,200.00	\$51.00	\$5,355.00	\$32.00	\$3,360.00	\$73.20	\$7,686.00	202.03	REMOVE STORM DRAIN PIPE
202.04	REMOVE CONCRETE CROSS GUTTER	SF	375	\$5.00	\$1,875.00	\$5.00	\$1,875.00	\$5.00	\$1,875.00	\$4.90	\$1,837.50	202.04	REMOVE CONCRETE CROSS GUTTER
202.05	REMOVE CONCRETE CUT-OFF WALL	LF	85	\$20.00	\$1,700.00	\$42.00	\$3,570.00	\$30.00	\$2,550.00	\$67.00	\$5,695.00	202.05	REMOVE CONCRETE CUT-OFF WALL
202.06	REMOVE AND RESET POST AND CABLE FENCE	LF	350	\$30.00	\$10,500.00	\$6.00	\$2,100.00	\$6.00	\$2,100.00	\$195.00	\$68,250.00	202.06	REMOVE AND RESET POST AND CABLE FENCE
202.07	REMOVE AND RESET RIPRAP	SY	2540	\$25.00	\$63,500.00	\$13.00	\$33,020.00	\$4.00	\$10,160.00	\$10.00	\$25,400.00	202.07	REMOVE AND RESET RIPRAP
202.08	REMOVE WROUGHT IRON FENCE AND BLOCK POSTS	LF	110	\$15.00	\$1,650.00	\$22.00	\$2,420.00	\$24.00	\$2,640.00	\$12.00	\$1,320.00	202.08	REMOVE WROUGHT IRON FENCE AND BLOCK POSTS
202.09	REMOVE GATE	EA	1	\$250.00	\$250.00	\$320.00	\$320.00	\$336.00	\$336.00	\$610.00	\$610.00	202.09	REMOVE GATE
202.10	REMOVE AND RESET SWING GATE	EA	1	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00	\$1,230.00	\$1,230.00	\$2,318.00	\$2,318.00	202.10	REMOVE AND RESET SWING GATE
202.11	REMOVE AND RESET SIGN	EA	15	\$250.00	\$3,750.00	\$250.00	\$3,750.00	\$211.00	\$3,165.00	\$244.00	\$3,660.00	202.11	REMOVE AND RESET SIGN
202.12	REMOVE AND SALVAGE SIGN	EA	1	\$75.00	\$75.00	\$40.00	\$40.00	\$68.00	\$68.00	\$91.50	\$91.50	202.12	REMOVE AND SALVAGE SIGN
202.13	REMOVE POST AND CABLE FENCE	LF	25	\$15.00	\$375.00	\$14.00	\$350.00	\$15.00	\$375.00	\$37.00	\$925.00	202.13	REMOVE POST AND CABLE FENCE
202.14	REMOVE TELEPHONE CONDUIT	LF	125	\$2.50	\$312.50	\$6.00	\$750.00	\$12.00	\$1,500.00	\$27.00	\$3,375.00	202.14	REMOVE TELEPHONE CONDUIT
203.01	DRAINAGE SURFACE GRADING	CY	18000	\$15.00	\$270,000.00	\$3.60	\$64,800.00	\$4.50	\$81,000.00	\$17.90	\$322,200.00	203.01	DRAINAGE SURFACE GRADING
212.01	10-FOOT DECOMPOSED GRANITE TRAIL	SF	32300	\$0.80	\$25,840.00	\$1.70	\$54,910.00	\$2.10	\$67,830.00	\$1.50	\$48,450.00	212.01	10-FOOT DECOMPOSED GRANITE TRAIL
214.01	NATIVE PLANT	EA	228	\$100.00	\$22,800.00	\$43.00	\$9,804.00	\$45.00	\$10,260.00	\$48.80	\$11,126.40	214.01	NATIVE PLANT
214.02	NATIVE REVEGETATION	SF	27729	\$1.20	\$33,274.80	\$3.00	\$83,187.00	\$1.50	\$41,593.50	\$1.65	\$45,752.85	214.02	NATIVE REVEGETATION
214.03	COLOR RESTORATION	SF	21644	\$0.40	\$8,657.60	\$0.25	\$5,411.00	\$0.20	\$4,328.80	\$0.25	\$5,411.00	214.03	COLOR RESTORATION
302.01	TYPE II AGGREGATE BASE	CY	715	\$30.00	\$21,450.00	\$55.00	\$39,325.00	\$55.00	\$39,325.00	\$42.50	\$30,387.50	302.01	TYPE II AGGREGATE BASE
402.01	PLANTMIX BITUMINOUS SURFACE (5-INCH)	SY	3950	\$30.00	\$118,500.00	\$22.00	\$86,900.00	\$39.50	\$156,025.00	\$33.90	\$133,905.00	402.01	PLANTMIX BITUMINOUS SURFACE (5-INCH)
402.02	PLANTMIX BITUMINOUS SURFACE (2-INCH)	SY	160	\$12.00	\$1,920.00	\$62.00	\$9,920.00	\$68.50	\$10,960.00	\$34.10	\$5,456.00	402.02	PLANTMIX BITUMINOUS SURFACE (2-INCH)
502.01	12-FOOT X 6-FOOT REINFORCED CONCRETE BOX	LF	1690	\$750.00	\$1,267,500.00	\$920.00	\$1,554,800.00	\$965.00	\$1,630,850.00	\$1,013.00	\$1,711,970.00	502.01	12-FOOT X 6-FOOT REINFORCED CONCRETE BOX
502.02	20-FOOT X 7-FOOT REINFORCED CONCRETE BOX	LF	140	\$1,400.00	\$196,000.00	\$2,000.00	\$280,000.00	\$2,100.00	\$294,000.00	\$1,682.00	\$235,480.00	502.02	20-FOOT X 7-FOOT REINFORCED CONCRETE BOX
502.03	TRAPEZOIDAL CONCRETE CHANNEL (12-FOOT WIDE X 7-FOOT DEEP)	LF	930	\$350.00	\$325,500.00	\$530.00	\$492,900.00	\$615.00	\$571,950.00	\$653.00	\$607,290.00	502.03	TRAPEZOIDAL CONCRETE CHANNEL (12-FOOT WIDE X 7-FOOT DEEP)
502.04	CONCRETE CHANNEL TRANSITION "SD" 23+20 TO "SD" 23+50	LS	1	\$20,000.00	\$20,000.00	\$77,000.00	\$77,000.00	\$64,000.00	\$64,000.00	\$75,876.00	\$75,876.00	502.04	CONCRETE CHANNEL TRANSITION "SD" 23+20 TO "SD" 23+50
502.05	CONCRETE CHANNEL TRANSITION "SD" 13+67 TO "SD" 13+97	LS	1	\$15,000.00	\$15,000.00	\$63,000.00	\$63,000.00	\$90,000.00	\$90,000.00	\$54,568.00	\$54,568.00	502.05	CONCRETE CHANNEL TRANSITION "SD" 13+67 TO "SD" 13+97
502.06	CONCRETE HEADWALL (20-FOOT X 7-FOOT RCB)	EA	1	\$15,000.00	\$15,000.00	\$39,500.00	\$39,500.00	\$47,000.00	\$47,000.00	\$19,045.00	\$19,045.00	502.06	CONCRETE HEADWALL (20-FOOT X 7-FOOT RCB)
502.07	CONCRETE PAD AND CUT-OFF WALL STRUCTURE "SD" 12+02 TO "SD" 12+32	LS	1	\$42,000.00	\$42,000.00	\$20,500.00	\$20,500.00	\$36,000.00	\$36,000.00	\$38,354.00	\$38,354.00	502.07	CONCRETE PAD AND CUT-OFF WALL STRUCTURE "SD" 12+02 TO "SD" 12+32
502.08	CONCRETE PAD AND CUT-OFF WALL STRUCTURE "SD" 22+90 TO "SD" 23+50	LS	1	\$25,000.00	\$25,000.00	\$32,000.00	\$32,000.00	\$43,000.00	\$43,000.00	\$44,334.00	\$44,334.00	502.08	CONCRETE PAD AND CUT-OFF WALL STRUCTURE "SD" 22+90 TO "SD" 23+50
603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	310	\$100.00	\$31,000.00	\$135.00	\$41,850.00	\$112.00	\$34,720.00	\$97.00	\$30,070.00	603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS III)
603.02	18-INCH REINFORCED CONCRETE PIPE (CLASS IV)	LF	160	\$120.00	\$19,200.00	\$215.00	\$34,400.00	\$115.00	\$18,400.00	\$119.00	\$19,040.00	603.02	18-INCH REINFORCED CONCRETE PIPE (CLASS IV)



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**Bid Date: December 20, 2016**

				Engineers Estimate		Las Vegas Paving Corporation		Meadow Valley Contractors, Inc. DBA ACC Southwest		CG&B Enterprises, Inc.			
Item #	Description	UOM	QTY	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Item #	Description
603.03	24-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	25	\$150.00	\$3,750.00	\$206.00	\$5,150.00	\$153.00	\$3,825.00	\$213.00	\$5,325.00	603.03	24-INCH REINFORCED CONCRETE PIPE (CLASS III)
603.04	30-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	25	\$175.00	\$4,375.00	\$250.00	\$6,250.00	\$174.00	\$4,350.00	\$235.00	\$5,875.00	603.04	30-INCH REINFORCED CONCRETE PIPE (CLASS III)
603.05	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	79	\$200.00	\$15,800.00	\$370.00	\$29,230.00	\$158.00	\$12,482.00	\$251.00	\$19,829.00	603.05	36-INCH REINFORCED CONCRETE PIPE (CLASS III)
603.06	36-INCH REINFORCED CONCRETE PIPE (CLASS IV)	LF	115	\$225.00	\$25,875.00	\$320.00	\$36,800.00	\$164.00	\$18,860.00	\$259.00	\$29,785.00	603.06	36-INCH REINFORCED CONCRETE PIPE (CLASS IV)
603.07	42-INCH REINFORCED CONCRETE PIPE (CLASS IV)	LF	95	\$250.00	\$23,750.00	\$350.00	\$33,250.00	\$230.00	\$21,850.00	\$283.00	\$26,885.00	603.07	42-INCH REINFORCED CONCRETE PIPE (CLASS IV)
603.08	48-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	50	\$275.00	\$13,750.00	\$425.00	\$21,250.00	\$233.00	\$11,650.00	\$290.00	\$14,500.00	603.08	48-INCH REINFORCED CONCRETE PIPE (CLASS III)
603.09	PLUG AND ABANDON STORM DRAIN PIPE	LF	500	\$50.00	\$25,000.00	\$15.00	\$7,500.00	\$12.00	\$6,000.00	\$17.00	\$8,500.00	603.09	PLUG AND ABANDON STORM DRAIN PIPE
609.01	48-INCH RCB ACCESS MANHOLE	EA	5	\$2,500.00	\$12,500.00	\$3,000.00	\$15,000.00	\$2,000.00	\$10,000.00	\$2,115.00	\$10,575.00	609.01	48-INCH RCB ACCESS MANHOLE
609.02	48-INCH TYPE I STORM DRAIN MANHOLE	EA	2	\$5,000.00	\$10,000.00	\$6,400.00	\$12,800.00	\$3,400.00	\$6,800.00	\$3,591.00	\$7,182.00	609.02	48-INCH TYPE I STORM DRAIN MANHOLE
609.03	60-INCH TYPE III STORM DRAIN MANHOLE	EA	3	\$7,500.00	\$22,500.00	\$9,200.00	\$27,600.00	\$6,700.00	\$20,100.00	\$8,355.00	\$25,065.00	609.03	60-INCH TYPE III STORM DRAIN MANHOLE
609.04	2.5-FOOT X 15-FOOT SPECIAL DROP INLET WITH CONCRETE APRON	EA	2	\$18,000.00	\$36,000.00	\$18,000.00	\$36,000.00	\$17,000.00	\$34,000.00	\$16,786.00	\$33,572.00	609.04	2.5-FOOT X 15-FOOT SPECIAL DROP INLET WITH CONCRETE APRON
609.05	NDOT TYPE 2B DROP INLET WITH CONCRETE APRON	EA	4	\$10,000.00	\$40,000.00	\$6,000.00	\$24,000.00	\$6,500.00	\$26,000.00	\$6,438.00	\$25,752.00	609.05	NDOT TYPE 2B DROP INLET WITH CONCRETE APRON
609.06	20-FOOT TYPE DM2 DROP INLET	EA	3	\$20,000.00	\$60,000.00	\$23,000.00	\$69,000.00	\$26,000.00	\$78,000.00	\$21,839.00	\$65,517.00	609.06	20-FOOT TYPE DM2 DROP INLET
609.07	5-FOOT TYPE DM2 DROP INLET	EA	1	\$5,000.00	\$5,000.00	\$9,100.00	\$9,100.00	\$10,000.00	\$10,000.00	\$10,115.00	\$10,115.00	609.07	5-FOOT TYPE DM2 DROP INLET
609.08	17.5-FOOT TYPE CM DROP INLET	EA	1	\$15,000.00	\$15,000.00	\$20,300.00	\$20,300.00	\$24,000.00	\$24,000.00	\$20,003.00	\$20,003.00	609.08	17.5-FOOT TYPE CM DROP INLET
609.09	TRENCH DRAIN	EA	1	\$50,000.00	\$50,000.00	\$59,000.00	\$59,000.00	\$64,000.00	\$64,000.00	\$52,038.00	\$52,038.00	609.09	TRENCH DRAIN
609.10	RCB PLUG	EA	1	\$3,000.00	\$3,000.00	\$4,800.00	\$4,800.00	\$2,400.00	\$2,400.00	\$3,136.00	\$3,136.00	609.10	RCB PLUG
609.11	STORM DRAIN PIPE PLUG	EA	1	\$750.00	\$750.00	\$900.00	\$900.00	\$450.00	\$450.00	\$2,016.00	\$2,016.00	609.11	STORM DRAIN PIPE PLUG
610.01	PARTIALLY GROUTED RESET RIPRAP	SY	410	\$30.00	\$12,300.00	\$52.00	\$21,320.00	\$27.00	\$11,070.00	\$13.50	\$5,535.00	610.01	PARTIALLY GROUTED RESET RIPRAP
613.01	"L" TYPE CURB AND GUTTER	LF	260	\$20.00	\$5,200.00	\$26.00	\$6,760.00	\$36.00	\$9,360.00	\$21.20	\$5,512.00	613.01	"L" TYPE CURB AND GUTTER
613.02	CONCRETE CROSS GUTTER	SF	375	\$10.00	\$3,750.00	\$14.00	\$5,250.00	\$11.00	\$4,125.00	\$19.30	\$7,237.50	613.02	CONCRETE CROSS GUTTER
613.03	MISCELLANEOUS CONCRETE (FLUME/ACCESS RAMP)	SF	1700	\$15.00	\$25,500.00	\$20.00	\$34,000.00	\$13.00	\$22,100.00	\$12.65	\$21,505.00	613.03	MISCELLANEOUS CONCRETE (FLUME/ACCESS RAMP)
613.04	CONCRETE TRAIL (6-INCH) WITH CUT-OFF WALLS	SF	2425	\$15.00	\$36,375.00	\$26.00	\$63,050.00	\$18.00	\$43,650.00	\$15.25	\$36,981.25	613.04	CONCRETE TRAIL (6-INCH) WITH CUT-OFF WALLS
616.01	POST AND CABLE FENCE (2-STRAND)	LF	1845	\$60.00	\$110,700.00	\$17.00	\$31,365.00	\$18.00	\$33,210.00	\$21.85	\$40,313.25	616.01	POST AND CABLE FENCE (2-STRAND)
616.02	EQUESTRIAN ENTRANCE	EA	1	\$500.00	\$500.00	\$2,300.00	\$2,300.00	\$2,500.00	\$2,500.00	\$7,728.00	\$7,728.00	616.02	EQUESTRIAN ENTRANCE
616.03	16-FOOT SWING GATE	EA	4	\$5,000.00	\$20,000.00	\$5,600.00	\$22,400.00	\$6,000.00	\$24,000.00	\$5,180.00	\$20,720.00	616.03	16-FOOT SWING GATE
622.01	CONSTRUCTION SURVEYING	LS	1	\$30,000.00	\$30,000.00	\$60,000.00	\$60,000.00	\$48,000.00	\$48,000.00	\$44,800.00	\$44,800.00	622.01	CONSTRUCTION SURVEYING
623.01	3-INCH PVC CONDUIT WITH TRACER WIRE	LF	875	\$15.00	\$13,125.00	\$45.00	\$39,375.00	\$49.00	\$42,875.00	\$47.40	\$41,475.00	623.01	3-INCH PVC CONDUIT WITH TRACER WIRE
623.02	NO. 7 PULL BOX	EA	4	\$1,000.00	\$4,000.00	\$850.00	\$3,400.00	\$930.00	\$3,720.00	\$896.00	\$3,584.00	623.02	NO. 7 PULL BOX
624.01	TRAFFIC CONTROL AND MAINTENANCE	LS	1	\$50,000.00	\$50,000.00	\$120,000.00	\$120,000.00	\$27,000.00	\$27,000.00	\$152,988.00	\$152,988.00	624.01	TRAFFIC CONTROL AND MAINTENANCE
627.01	PERMANENT SIGN (GROUND MOUNTED)	EA	13	\$200.00	\$2,600.00	\$240.00	\$3,120.00	\$308.00	\$4,004.00	\$336.00	\$4,368.00	627.01	PERMANENT SIGN (GROUND MOUNTED)
628.01	POLYUREA PAVEMENT MARKING (24-INCH SOLID WHITE)	LF	560	\$8.00	\$4,480.00	\$4.50	\$2,520.00	\$4.50	\$2,520.00	\$10.65	\$26,838.00	628.01	POLYUREA PAVEMENT MARKING (24-INCH SOLID WHITE)
628.02	POLYUREA PAVEMENT MARKING (6-INCH SOLID WHITE)	LF	815	\$5.00	\$4,075.00	\$5.00	\$4,075.00	\$1.10	\$896.50	\$5.90	\$4,808.50	628.02	POLYUREA PAVEMENT MARKING (6-INCH SOLID WHITE)
628.03	POLYUREA PAVEMENT MARKING (TYPE 1 YELLOW CENTERLINE)	LF	1050	\$8.00	\$8,400.00	\$4.50	\$4,725.00	\$1.50	\$1,575.00	\$4.50	\$4,725.00	628.03	POLYUREA PAVEMENT MARKING (TYPE 1 YELLOW CENTERLINE)
628.04	POLYUREA PAVEMENT MARKING (WHITE YIELD LINE)	SF	90	\$4.00	\$360.00	\$4.50	\$405.00	\$6.30	\$567.00	\$4.00	\$360.00	628.04	POLYUREA PAVEMENT MARKING (WHITE YIELD LINE)
628.05	POLYUREA PAVEMENT MARKING (24-INCH SOLID YELLOW)	LF	50	\$5.00	\$250.00	\$4.50	\$225.00	\$7.00	\$350.00	\$10.65	\$532.50	628.05	POLYUREA PAVEMENT MARKING (24-INCH SOLID YELLOW)



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				Engineers Estimate		Las Vegas Paving Corporation		Meadow Valley Contractors, Inc. DBA ACC Southwest		CG&B Enterprises, Inc.			
Item #	Description	UOM	QTY	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Item #	Description
628.06	POLYUREA PAVEMENT MARKING (VARIES SOLID YELLOW)	5F	620	\$4.00	\$2,480.00	\$4.50	\$2,790.00	\$5.00	\$3,100.00	\$5.90	\$3,658.00	628.06	POLYUREA PAVEMENT MARKING (VARIES SOLID YELLOW)
629.01	VERTICALLY ADJUST WATER VALVE COVER	EA	2	\$500.00	\$1,000.00	\$1,000.00	\$2,000.00	\$570.00	\$1,140.00	\$952.00	\$1,904.00	629.01	VERTICALLY ADJUST WATER VALVE COVER
629.02	RELOCATE 2-INCH BLOWOFF	LS	1	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00	\$2,300.00	\$2,300.00	\$4,802.00	\$4,802.00	629.02	RELOCATE 2-INCH BLOWOFF
629.03	8-INCH WATERLINE RELOCATION	LS	1	\$20,000.00	\$20,000.00	\$59,000.00	\$59,000.00	\$35,000.00	\$35,000.00	\$53,190.00	\$53,190.00	629.03	8-INCH WATERLINE RELOCATION
630.01	VERTICALLY ADJUST SANITARY SEWER MANHOLE	EA	1	\$800.00	\$800.00	\$1,000.00	\$1,000.00	\$2,300.00	\$2,300.00	\$1,232.00	\$1,232.00	630.01	VERTICALLY ADJUST SANITARY SEWER MANHOLE
630.02	8-INCH SDR 35 PVC SEWER PIPE	LF	102	\$125.00	\$12,750.00	\$170.00	\$17,340.00	\$110.00	\$11,220.00	\$67.00	\$6,834.00	630.02	8-INCH SDR 35 PVC SEWER PIPE
630.03	60-INCH SANITARY SEWER MANHOLE	EA	2	\$10,000.00	\$20,000.00	\$8,500.00	\$17,000.00	\$5,300.00	\$10,600.00	\$6,935.00	\$13,870.00	630.03	60-INCH SANITARY SEWER MANHOLE
633.01	REFLECTIVE RAISED PAVEMENT MARKER	EA	20	\$2.50	\$50.00	\$5.00	\$100.00	\$15.00	\$300.00	\$4.50	\$90.00	633.01	REFLECTIVE RAISED PAVEMENT MARKER
633.02	NON-REFLECTIVE RAISED PAVEMENT MARKER	EA	55	\$1.50	\$82.50	\$5.00	\$275.00	\$13.50	\$742.50	\$4.00	\$220.00	633.02	NON-REFLECTIVE RAISED PAVEMENT MARKER
637.01	DUST CONTROL	LS	1	\$50,000.00	\$50,000.00	\$53,000.00	\$53,000.00	\$29,000.00	\$29,000.00	\$78,120.00	\$78,120.00	637.01	DUST CONTROL
637.02	NPDES DISCHARGE PERMIT	LS	1	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	\$9,150.00	\$9,150.00	637.02	NPDES DISCHARGE PERMIT
675.01	PALEONTOLOGICAL MITIGATION	DAY	21	\$1,000.00	\$21,000.00	\$1,000.00	\$21,000.00	\$1,000.00	\$21,000.00	\$1,000.00	\$21,000.00	675.01	PALEONTOLOGICAL MITIGATION
675.02	BURROWING OWL MITIGATION	DAY	30	\$1,000.00	\$30,000.00	\$1,000.00	\$30,000.00	\$1,000.00	\$30,000.00	\$1,000.00	\$30,000.00	675.02	BURROWING OWL MITIGATION
699.01	REMOVABLE BOLLARD	EA	14	\$500.00	\$7,000.00	\$1,200.00	\$16,800.00	\$1,100.00	\$15,400.00	\$850.00	\$11,900.00	699.01	REMOVABLE BOLLARD
699.02	BENCH	EA	5	\$1,200.00	\$6,000.00	\$2,800.00	\$14,000.00	\$1,200.00	\$6,000.00	\$2,000.00	\$10,000.00	699.02	BENCH
699.03	TRASH RECEPTACLE	EA	1	\$1,800.00	\$1,800.00	\$2,400.00	\$2,400.00	\$600.00	\$600.00	\$1,780.00	\$1,780.00	699.03	TRASH RECEPTACLE
699.04	MONUMENT SIGN	EA	1	\$800.00	\$800.00	\$6,500.00	\$6,500.00	\$11,000.00	\$11,000.00	\$5,824.00	\$5,824.00	699.04	MONUMENT SIGN
699.05	PET WASTE STATION	EA	2	\$200.00	\$400.00	\$250.00	\$500.00	\$280.00	\$560.00	\$350.00	\$700.00	699.05	PET WASTE STATION
699.06	RAILROAD TIE DIRECTIONAL SIGN	EA	1	\$300.00	\$300.00	\$250.00	\$250.00	\$260.00	\$260.00	\$224.00	\$224.00	699.06	RAILROAD TIE DIRECTIONAL SIGN
699.07	12-FOOT X 12-FOOT SHADE STRUCTURE	EA	1	\$20,000.00	\$20,000.00	\$21,500.00	\$21,500.00	\$17,000.00	\$17,000.00	\$10,707.00	\$10,707.00	699.07	12-FOOT X 12-FOOT SHADE STRUCTURE
<b>TOTAL BASE BID AMOUNT</b>				<b>\$3,678,657.40</b>		<b>\$4,393,232.00</b>		<b>\$4,397,113.30</b>		<b>\$4,868,726.75</b>			
<b>% Greater than Lowest Responsive &amp; Responsible Bidder</b>								0.09%					
<b>Certificate of Eligibility Submitted</b>						Yes		Yes		Yes		<b>Certificate of Eligibility Submitted</b>	
<b>Bidder's Preference Received</b>						No		No				<b>Bidder's Preference Received</b>	
<b>Responsive Bidder</b>						NO		Yes					
<b>Responsible Bidder</b>						Yes		Yes					
<b>Engineer's Estimate: \$3,678,657.40</b>						NOTE: Bidder deemed non-responsive due to failure to submit required documents with the Bid.							

Award recommended to Meadow Valley Contractors in the amount of \$4,397,113.30 by:

Department Director or Designee: \_\_\_\_\_

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

Purchasing & Contracts Representative: \_\_\_\_\_

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

Quality Assurance Administrator: \_\_\_\_\_

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



		TAB Contractors, Inc.		Tand, Inc.		Contri Construction Company						Target Construction, Inc.	
UOM	QTY	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Item #	Description	UOM	QTY	Unit Price	Extended Price
LS	1	\$3,700.00	\$3,700.00	\$3,700.00	\$3,700.00	\$3,700.00	\$3,700.00	107.01	PUBLIC OUTREACH PROGRAM	LS	1	\$3,700.00	\$3,700.00
DAY	30	\$500.00	\$15,000.00	\$500.00	\$15,000.00	\$500.00	\$15,000.00	109.01	OWNER INITIATED TIME EXTENSION ALLOWANCE	DAY	30	\$500.00	\$15,000.00
DAY	30	\$750.00	\$22,500.00	\$500.00	\$15,000.00	\$500.00	\$15,000.00	109.02	OWNER INITIATED TIME EXTENSION AMOUNT IN ADDITION TO ALLOWANCE	DAY	30	\$650.00	\$19,500.00
LS	1	\$165,000.00	\$165,000.00	\$165,000.00	\$165,000.00	\$165,000.00	\$165,000.00	200.01	MOBILIZATION AND DEMOBILIZATION	LS	1	\$165,000.00	\$165,000.00
SY	3700	\$15.00	\$55,500.00	\$17.00	\$62,900.00	\$10.00	\$37,000.00	202.01	REMOVE BITUMINOUS PAVEMENT	SY	3700	\$7.75	\$28,675.00
EA	1	\$2,600.00	\$2,600.00	\$1,250.00	\$1,250.00	\$1,219.00	\$1,219.00	202.02	REMOVE DROP INLET	EA	1	\$4,250.00	\$4,250.00
LF	105	\$23.00	\$2,415.00	\$45.00	\$4,725.00	\$74.00	\$7,770.00	202.03	REMOVE STORM DRAIN PIPE	LF	105	\$62.00	\$6,510.00
SF	375	\$3.00	\$1,125.00	\$4.00	\$1,500.00	\$7.00	\$2,625.00	202.04	REMOVE CONCRETE CROSS GUTTER	SF	375	\$15.00	\$5,625.00
LF	85	\$23.00	\$1,955.00	\$40.00	\$3,400.00	\$23.00	\$1,955.00	202.05	REMOVE CONCRETE CUT-OFF WALL	LF	85	\$125.00	\$10,625.00
LF	350	\$33.00	\$11,550.00	\$6.50	\$2,275.00	\$27.00	\$9,450.00	202.06	REMOVE AND RESET POST AND CABLE FENCE	LF	350	\$20.00	\$7,000.00
SY	2540	\$14.00	\$35,560.00	\$20.00	\$50,800.00	\$32.00	\$81,280.00	202.07	REMOVE AND RESET RIPRAP	SY	2540	\$33.00	\$83,820.00
LF	110	\$33.00	\$3,630.00	\$30.00	\$3,300.00	\$46.00	\$5,060.00	202.08	REMOVE WROUGHT IRON FENCE AND BLOCK POSTS	LF	110	\$31.00	\$3,410.00
EA	1	\$645.00	\$645.00	\$330.00	\$330.00	\$577.00	\$577.00	202.09	REMOVE GATE	EA	1	\$1,600.00	\$1,600.00
EA	1	\$2,600.00	\$2,600.00	\$1,250.00	\$1,250.00	\$1,730.00	\$1,730.00	202.10	REMOVE AND RESET SWING GATE	EA	1	\$2,200.00	\$2,200.00
EA	15	\$260.00	\$3,900.00	\$200.00	\$3,000.00	\$239.00	\$3,585.00	202.11	REMOVE AND RESET SIGN	EA	15	\$225.00	\$3,375.00
EA	1	\$40.00	\$40.00	\$65.00	\$65.00	\$90.00	\$90.00	202.12	REMOVE AND SALVAGE SIGN	EA	1	\$250.00	\$250.00
LF	25	\$45.00	\$1,125.00	\$11.00	\$275.00	\$12.00	\$300.00	202.13	REMOVE POST AND CABLE FENCE	LF	25	\$50.00	\$1,250.00
LF	125	\$23.00	\$2,875.00	\$28.00	\$3,500.00	\$32.00	\$4,000.00	202.14	REMOVE TELEPHONE CONDUIT	LF	125	\$25.00	\$3,125.00
CY	18000	\$6.00	\$108,000.00	\$5.00	\$90,000.00	\$18.00	\$324,000.00	203.01	DRAINAGE SURFACE GRADING	CY	18000	\$6.50	\$117,000.00
SF	32300	\$1.60	\$51,680.00	\$1.50	\$48,450.00	\$1.00	\$32,300.00	212.01	10-FOOT DECOMPOSED GRANITE TRAIL	SF	32300	\$1.60	\$51,680.00
EA	228	\$55.00	\$12,540.00	\$45.00	\$10,260.00	\$46.00	\$10,488.00	214.01	NATIVE PLANT	EA	228	\$50.00	\$11,400.00
SF	27729	\$2.00	\$55,458.00	\$1.50	\$41,593.50	\$2.00	\$55,458.00	214.02	NATIVE REVEGETATION	SF	27729	\$1.50	\$41,593.50
SF	21644	\$0.50	\$10,822.00	\$1.00	\$21,644.00	\$0.25	\$5,411.00	214.03	COLOR RESTORATION	SF	21644	\$0.30	\$6,493.20
CY	715	\$36.00	\$25,740.00	\$39.00	\$27,885.00	\$85.00	\$60,775.00	302.01	TYPE II AGGREGATE BASE	CY	715	\$45.00	\$32,175.00
SY	3950	\$24.00	\$94,800.00	\$39.00	\$154,050.00	\$31.00	\$122,450.00	402.01	PLANTMIX BITUMINOUS SURFACE (5-INCH)	SY	3950	\$25.00	\$98,750.00
SY	160	\$62.00	\$9,920.00	\$60.00	\$9,600.00	\$39.00	\$6,240.00	402.02	PLANTMIX BITUMINOUS SURFACE (2-INCH)	SY	160	\$60.00	\$9,600.00
LF	1690	\$1,063.00	\$1,796,470.00	\$1,090.00	\$1,842,100.00	\$1,050.00	\$1,774,500.00	502.01	12-FOOT X 6-FOOT REINFORCED CONCRETE BOX	LF	1690	\$1,275.00	\$2,154,750.00
LF	140	\$2,200.00	\$308,000.00	\$2,248.50	\$314,790.00	\$2,382.00	\$333,480.00	502.02	20-FOOT X 7-FOOT REINFORCED CONCRETE BOX	LF	140	\$2,600.00	\$364,000.00
LF	930	\$530.00	\$492,900.00	\$675.00	\$627,750.00	\$629.00	\$584,970.00	502.03	TRAPEZOIDAL CONCRETE CHANNEL (12-FOOT WIDE X 7-FOOT DEEP)	LF	930	\$950.00	\$883,500.00
LS	1	\$77,000.00	\$77,000.00	\$92,000.00	\$92,000.00	\$86,673.00	\$86,673.00	502.04	CONCRETE CHANNEL TRANSITION "SD" 23+20 TO "SD" 23+50	LS	1	\$67,500.00	\$67,500.00
LS	1	\$74,000.00	\$74,000.00	\$105,000.00	\$105,000.00	\$88,945.00	\$88,945.00	502.05	CONCRETE CHANNEL TRANSITION "SD" 13+67 TO "SD" 13+97	LS	1	\$72,500.00	\$72,500.00
EA	1	\$22,000.00	\$22,000.00	\$60,000.00	\$60,000.00	\$30,299.00	\$30,299.00	502.06	CONCRETE HEADWALL (20-FOOT X 7-FOOT RCB)	EA	1	\$29,000.00	\$29,000.00
LS	1	\$20,000.00	\$20,000.00	\$94,000.00	\$94,000.00	\$26,596.00	\$26,596.00	502.07	CONCRETE PAD AND CUT-OFF WALL STRUCTURE "SD" 12+02 TO "SD" 12+32	LS	1	\$23,000.00	\$23,000.00
LS	1	\$32,000.00	\$32,000.00	\$36,000.00	\$36,000.00	\$40,017.00	\$40,017.00	502.08	CONCRETE PAD AND CUT-OFF WALL STRUCTURE "SD" 22+90 TO "SD" 23+50	LS	1	\$29,000.00	\$29,000.00
LF	310	\$210.00	\$65,100.00	\$125.00	\$38,750.00	\$132.00	\$40,920.00	603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	310	\$110.00	\$34,100.00
LF	160	\$270.00	\$43,200.00	\$175.00	\$28,000.00	\$171.00	\$27,360.00	603.02	18-INCH REINFORCED CONCRETE PIPE (CLASS IV)	LF	160	\$130.00	\$20,800.00

		TAB Contractors, Inc.		Tand, Inc.		Contri Construction Company						Target Construction, Inc.	
UOM	QTY	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Item #	Description	UOM	QTY	Unit Price	Extended Price
LF	25	\$260.00	\$6,500.00	\$295.00	\$7,375.00	\$202.00	\$5,050.00	603.03	24-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	25	\$190.00	\$4,750.00
LF	25	\$290.00	\$7,250.00	\$310.00	\$7,750.00	\$178.00	\$4,450.00	603.04	30-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	25	\$215.00	\$5,375.00
LF	79	\$285.00	\$22,515.00	\$260.00	\$20,540.00	\$289.00	\$22,831.00	603.05	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	79	\$215.00	\$16,985.00
LF	115	\$400.00	\$46,000.00	\$250.00	\$28,750.00	\$276.00	\$31,740.00	603.06	36-INCH REINFORCED CONCRETE PIPE (CLASS IV)	LF	115	\$300.00	\$34,500.00
LF	95	\$320.00	\$30,400.00	\$295.00	\$28,025.00	\$261.00	\$24,795.00	603.07	42-INCH REINFORCED CONCRETE PIPE (CLASS IV)	LF	95	\$375.00	\$35,625.00
LF	50	\$370.00	\$18,500.00	\$275.00	\$13,750.00	\$347.00	\$17,350.00	603.08	48-INCH REINFORCED CONCRETE PIPE (CLASS III)	LF	50	\$425.00	\$21,250.00
LF	500	\$26.00	\$13,000.00	\$14.00	\$7,000.00	\$12.00	\$6,000.00	603.09	PLUG AND ABANDON STORM DRAIN PIPE	LF	500	\$20.00	\$10,000.00
EA	5	\$10,300.00	\$51,500.00	\$1,850.00	\$9,250.00	\$3,617.00	\$18,085.00	609.01	48-INCH RCB ACCESS MANHOLE	EA	5	\$2,775.00	\$13,875.00
EA	2	\$5,500.00	\$11,000.00	\$5,000.00	\$10,000.00	\$5,795.00	\$11,590.00	609.02	48-INCH TYPE I STORM DRAIN MANHOLE	EA	2	\$6,750.00	\$13,500.00
EA	3	\$11,400.00	\$34,200.00	\$6,000.00	\$18,000.00	\$10,071.00	\$30,213.00	609.03	60-INCH TYPE III STORM DRAIN MANHOLE	EA	3	\$10,000.00	\$30,000.00
EA	2	\$26,000.00	\$52,000.00	\$19,500.00	\$39,000.00	\$17,991.00	\$35,982.00	609.04	2.5-FOOT X 15-FOOT SPECIAL DROP INLET WITH CONCRETE APRON	EA	2	\$20,000.00	\$40,000.00
EA	4	\$14,000.00	\$56,000.00	\$4,000.00	\$16,000.00	\$7,079.00	\$28,316.00	609.05	NDOT TYPE 2B DROP INLET WITH CONCRETE APRON	EA	4	\$7,200.00	\$28,800.00
EA	3	\$38,000.00	\$114,000.00	\$21,950.00	\$65,850.00	\$24,352.00	\$73,056.00	609.06	20-FOOT TYPE DM2 DROP INLET	EA	3	\$30,000.00	\$90,000.00
EA	1	\$12,000.00	\$12,000.00	\$8,200.00	\$8,200.00	\$10,803.00	\$10,803.00	609.07	5-FOOT TYPE DM2 DROP INLET	EA	1	\$10,000.00	\$10,000.00
EA	1	\$37,000.00	\$37,000.00	\$22,000.00	\$22,000.00	\$24,638.00	\$24,638.00	609.08	17.5-FOOT TYPE CM DROP INLET	EA	1	\$26,000.00	\$26,000.00
EA	1	\$68,000.00	\$68,000.00	\$57,000.00	\$57,000.00	\$77,941.00	\$77,941.00	609.09	TRENCH DRAIN	EA	1	\$55,000.00	\$55,000.00
EA	1	\$3,800.00	\$3,800.00	\$2,800.00	\$2,800.00	\$2,637.00	\$2,637.00	609.10	RCB PLUG	EA	1	\$5,200.00	\$5,200.00
EA	1	\$800.00	\$800.00	\$700.00	\$700.00	\$644.00	\$644.00	609.11	STORM DRAIN PIPE PLUG	EA	1	\$1,000.00	\$1,000.00
SY	410	\$55.00	\$22,550.00	\$85.00	\$34,850.00	\$48.00	\$19,680.00	610.01	PARTIALLY GROUTED RESET RIPRAP	SY	410	\$40.00	\$16,400.00
LF	260	\$22.00	\$5,720.00	\$32.00	\$8,320.00	\$33.00	\$8,580.00	613.01	"L" TYPE CURB AND GUTTER	LF	260	\$25.00	\$6,500.00
SF	375	\$13.00	\$4,875.00	\$13.00	\$4,875.00	\$22.00	\$8,250.00	613.02	CONCRETE CROSS GUTTER	SF	375	\$15.00	\$5,625.00
SF	1700	\$12.00	\$20,400.00	\$19.00	\$32,300.00	\$15.00	\$25,500.00	613.03	MISCELLANEOUS CONCRETE (FLUME/ACCESS RAMP)	SF	1700	\$28.00	\$47,600.00
SF	2425	\$14.00	\$33,950.00	\$18.00	\$43,650.00	\$17.00	\$41,225.00	613.04	CONCRETE TRAIL (6-INCH) WITH CUT-OFF WALLS	SF	2425	\$10.00	\$24,250.00
LF	1845	\$35.00	\$64,575.00	\$18.00	\$33,210.00	\$26.00	\$47,970.00	616.01	POST AND CABLE FENCE (2-STRAND)	LF	1845	\$22.00	\$40,590.00
EA	1	\$2,400.00	\$2,400.00	\$1,750.00	\$1,750.00	\$1,730.00	\$1,730.00	616.02	EQUESTRIAN ENTRANCE	EA	1	\$7,500.00	\$7,500.00
EA	4	\$6,700.00	\$26,800.00	\$5,000.00	\$20,000.00	\$5,126.00	\$20,504.00	616.03	16-FOOT SWING GATE	EA	4	\$5,000.00	\$20,000.00
LS	1	\$73,000.00	\$73,000.00	\$55,000.00	\$55,000.00	\$69,194.00	\$69,194.00	622.01	CONSTRUCTION SURVEYING	LS	1	\$55,000.00	\$55,000.00
LF	875	\$55.00	\$48,125.00	\$46.00	\$40,250.00	\$51.00	\$44,625.00	623.01	3-INCH PVC CONDUIT WITH TRACER WIRE	LF	875	\$8.00	\$7,000.00
EA	4	\$1,200.00	\$4,800.00	\$880.00	\$3,520.00	\$957.00	\$3,828.00	623.02	NO. 7 PULL BOX	EA	4	\$225.00	\$900.00
LS	1	\$150,000.00	\$150,000.00	\$110,000.00	\$110,000.00	\$110,047.00	\$110,047.00	624.01	TRAFFIC CONTROL AND MAINTENANCE	LS	1	\$65,000.00	\$65,000.00
EA	13	\$260.00	\$3,380.00	\$350.00	\$4,550.00	\$359.00	\$4,667.00	627.01	PERMANENT SIGN (GROUND MOUNTED)	EA	13	\$350.00	\$4,550.00
LF	560	\$5.00	\$2,800.00	\$21.00	\$11,760.00	\$11.00	\$6,160.00	628.01	POLYUREA PAVEMENT MARKING (24-INCH SOLID WHITE)	LF	560	\$22.00	\$12,320.00
LF	815	\$5.00	\$4,075.00	\$6.00	\$4,890.00	\$2.00	\$1,630.00	628.02	POLYUREA PAVEMENT MARKING (6-INCH SOLID WHITE)	LF	815	\$5.00	\$4,075.00
LF	1050	\$5.00	\$5,250.00	\$9.00	\$9,450.00	\$2.00	\$2,100.00	628.03	POLYUREA PAVEMENT MARKING (TYPE 1 YELLOW CENTERLINE)	LF	1050	\$7.50	\$7,875.00
SF	90	\$5.00	\$450.00	\$11.00	\$990.00	\$6.00	\$540.00	628.04	POLYUREA PAVEMENT MARKING (WHITE YIELD LINE)	SF	90	\$11.00	\$990.00
LF	50	\$5.00	\$250.00	\$21.00	\$1,050.00	\$11.00	\$550.00	628.05	POLYUREA PAVEMENT MARKING (24-INCH SOLID YELLOW)	LF	50	\$21.00	\$1,050.00

		TAB Contractors, Inc.		Tand, Inc.		Contri Construction Company						Target Construction, Inc.	
UOM	QTY	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price	Item #	Description	UOM	QTY	Unit Price	Extended Price
SF	620	\$5.00	\$3,100.00	\$11.00	\$6,820.00	\$6.00	\$3,720.00	628.06	POLYUREA PAVEMENT MARKING (VARIES SOLID YELLOW)	SF	620	\$12.00	\$7,440.00
EA	2	\$825.00	\$1,650.00	\$450.00	\$900.00	\$1,075.00	\$2,150.00	629.01	VERTICALLY ADJUST WATER VALVE COVER	EA	2	\$525.00	\$1,050.00
LS	1	\$4,700.00	\$4,700.00	\$1,750.00	\$1,750.00	\$8,840.00	\$8,840.00	629.02	RELOCATE 2-INCH BLOWOFF	LS	1	\$31,000.00	\$31,000.00
LS	1	\$53,000.00	\$53,000.00	\$51,000.00	\$51,000.00	\$92,157.00	\$92,157.00	629.03	8-INCH WATERLINE RELOCATION	LS	1	\$45,000.00	\$45,000.00
EA	1	\$1,200.00	\$1,200.00	\$1,000.00	\$1,000.00	\$1,227.00	\$1,227.00	630.01	VERTICALLY ADJUST SANITARY SEWER MANHOLE	EA	1	\$785.00	\$785.00
LF	102	\$200.00	\$20,400.00	\$95.00	\$9,690.00	\$84.00	\$8,568.00	630.02	8-INCH SDR 35 PVC SEWER PIPE	LF	102	\$55.00	\$5,610.00
EA	2	\$11,000.00	\$22,000.00	\$9,000.00	\$18,000.00	\$13,605.00	\$27,210.00	630.03	60-INCH SANITARY SEWER MANHOLE	EA	2	\$8,500.00	\$17,000.00
EA	20	\$5.00	\$100.00	\$16.00	\$320.00	\$5.00	\$100.00	633.01	REFLECTIVE RAISED PAVEMENT MARKER	EA	20	\$6.00	\$120.00
EA	55	\$5.00	\$275.00	\$15.00	\$825.00	\$4.00	\$220.00	633.02	NON-REFLECTIVE RAISED PAVEMENT MARKER	EA	55	\$7.00	\$385.00
LS	1	\$80,000.00	\$80,000.00	\$35,000.00	\$35,000.00	\$29,450.00	\$29,450.00	637.01	DUST CONTROL	LS	1	\$12,000.00	\$12,000.00
LS	1	\$1,700.00	\$1,700.00	\$15,000.00	\$15,000.00	\$31,363.00	\$31,363.00	637.02	NPDES DISCHARGE PERMIT	LS	1	\$2,500.00	\$2,500.00
DAY	21	\$1,000.00	\$21,000.00	\$1,000.00	\$21,000.00	\$1,000.00	\$21,000.00	675.01	PALEONTOLOGICAL MITIGATION	DAY	21	\$1,000.00	\$21,000.00
DAY	30	\$1,000.00	\$30,000.00	\$1,000.00	\$30,000.00	\$1,000.00	\$30,000.00	675.02	BURROWING OWL MITIGATION	DAY	30	\$1,000.00	\$30,000.00
EA	14	\$1,000.00	\$14,000.00	\$385.00	\$5,390.00	\$884.00	\$12,376.00	699.01	REMOVABLE BOLLARD	EA	14	\$700.00	\$9,800.00
EA	5	\$2,500.00	\$12,500.00	\$2,300.00	\$11,500.00	\$3,500.00	\$17,500.00	699.02	BENCH	EA	5	\$1,200.00	\$6,000.00
EA	1	\$1,400.00	\$1,400.00	\$1,300.00	\$1,300.00	\$2,307.00	\$2,307.00	699.03	TRASH RECEPTACLE	EA	1	\$1,200.00	\$1,200.00
EA	1	\$6,000.00	\$6,000.00	\$2,750.00	\$2,750.00	\$7,636.00	\$7,636.00	699.04	MONUMENT SIGN	EA	1	\$5,000.00	\$5,000.00
EA	2	\$1,200.00	\$2,400.00	\$600.00	\$1,200.00	\$692.00	\$1,384.00	699.05	PET WASTE STATION	EA	2	\$500.00	\$1,000.00
EA	1	\$270.00	\$270.00	\$1,000.00	\$1,000.00	\$231.00	\$231.00	699.06	RAILROAD TIE DIRECTIONAL SIGN	EA	1	\$1,000.00	\$1,000.00
EA	1	\$20,000.00	\$20,000.00	\$23,000.00	\$23,000.00	\$18,188.00	\$18,188.00	699.07	12-FOOT X 12-FOOT SHADE STRUCTURE	EA	1	\$10,000.00	\$10,000.00
<b>TOTAL BID</b>		\$4,984,910.00		\$4,998,992.50		\$5,164,751.00		<b>TOTAL BID</b>				\$5,388,731.70	
		Yes		Yes		Yes		Certificate of Eligibility Submitted				Yes	
								Bidder's Preference Received					

Construction Cost Estimates by Funding Source for  
Brent Lane Drainage System and Trail

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	Meadow Valley Unit Price	UOM	CCRFCD		SNPLMA		RTP GRANT		Quantity	Extended Price
						Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
107.01	PUBLIC OUTREACH PROGRAM	1.00	\$3,700.00	3,700	LS	1	\$ 3,700.00		\$ -		\$ -	1.0	\$3,700.00
109.01	OWNER INITIATED TIME EXTENSION ALLOWANCE	30.00	\$500.00	15,000	DAY	30	\$ 15,000.00		\$ -		\$ -	30.0	\$15,000.00
109.02	OWNER INITIATED TIME EXTENSION AMOUNT IN ADDITION TO ALLOWANCE	30.00	\$500.00	22,500	DAY	30	\$ 15,000.00		\$ -		\$ -	30.0	\$15,000.00
200.01	MOBILIZATION AND DEMOBILIZATION	1.00	\$165,000.00	165,000	LS	1	\$ 165,000.00		\$ -		\$ -	1.0	\$165,000.00
202.01	REMOVE BITUMINOUS PAVEMENT	3,700.00	\$22.00	22,200	SY	3700	\$ 81,400.00		\$ -		\$ -	3,700.00	\$81,400.00
202.02	REMOVE DROP INLET	1.00	\$2,600.00	1,500	EA	1	\$ 2,600.00		\$ -		\$ -	1.0	\$2,600.00
202.03	REMOVE STORM DRAIN PIPE	105.00	\$32.00	4,200	LF	105	\$ 3,360.00		\$ -		\$ -	105.0	\$3,360.00
202.04	REMOVE CONCRETE CROSS GUTTER	375.00	\$5.00	1,875	SF	375	\$ 1,875.00		\$ -		\$ -	375.0	\$1,875.00
202.05	REMOVE CONCRETE CUT-OFF WALL	85.00	\$30.00	1,700	LF	85	\$ 2,550.00		\$ -		\$ -	85.0	\$2,550.00
202.06	REMOVE AND RESET POST AND CABLE FENCE	350.00	\$6.00	10,500	LF	350	\$ 2,100.00		\$ -		\$ -	350.0	\$2,100.00
202.07	REMOVE AND RESET RIPRAP	2,540.00	\$4.00	63,500	SY	2540	\$ 10,160.00		\$ -		\$ -	2,540.0	\$10,160.00
202.08	REMOVE WROUGHT IRON FENCE AND BLOCK POSTS	110.00	\$24.00	1,650	LF	55	\$ 1,320.00	55	\$ 1,320.00		\$ -	110.0	\$2,640.00
202.09	REMOVE GATE	1.00	\$336.00	250	EA		\$ -	1	\$ 336.00		\$ -	1.0	\$336.00
202.10	REMOVE AND RESET SWING GATE	1.00	\$1,230.00	1,500	EA		\$ -	1	\$ 1,230.00		\$ -	1.0	\$1,230.00
202.11	REMOVE AND RESET SIGN	15.00	\$211.00	3,750	EA	5	\$ 1,055.00	10	\$ 2,110.00		\$ -	15.0	\$3,165.00
202.12	REMOVE AND SALVAGE SIGN	1.00	\$68.00	75	EA	1	\$ 68.00		\$ -		\$ -	1.0	\$68.00
202.13	REMOVE POST AND CABLE FENCE	25.00	\$15.00	375	LF	25	\$ 375.00		\$ -		\$ -	25.0	\$375.00
202.14	REMOVE TELEPHONE CONDUIT	125.00	\$12.00	313	LF	125	\$ 1,500.00		\$ -		\$ -	125.0	\$1,500.00
203.01	DRAINAGE SURFACE GRADING	18,000.00	\$4.50	270,000	CY	18000	\$ 81,000.00		\$ -		\$ -	18,000.00	\$81,000.00
212.01	10-FOOT DECOMPOSED GRANITE TRAIL	32,300.00	\$2.10	25,840	SF		\$ -	32300	\$ 67,830.00		\$ -	32,300.00	\$67,830.00
214.01	NATIVE PLANT	228.00	\$45.00	22,800	EA		\$ -	228	\$ 10,260.00		\$ -	228.0	\$10,260.00
214.02	NATIVE REVEGETATION	27,729.00	\$1.50	33,275	SF		\$ -	27729	\$ 41,593.50		\$ -	27,729.0	\$41,593.50
214.03	COLOR RESTORATION	21,644.00	\$0.20	8,658	SF		\$ -	21644	\$ 4,328.80		\$ -	21,644.0	\$4,328.80
302.01	TYPE II AGGREGATE BASE	715.00	\$55.00	21,450	CY	715	\$ 39,325.00		\$ -		\$ -	715.0	\$39,325.00
402.01	PLANTMIX BITUMINOUS SURFACE (5-INCH)	3,950.00	\$39.50	118,500	SY	3950	\$ 156,025.00		\$ -		\$ -	3,950.0	\$156,025.00
402.02	PLANTMIX BITUMINOUS SURFACE (2-INCH)	160.00	\$68.50	1,920	SY	160	\$ 10,960.00		\$ -		\$ -	160.0	\$10,960.00
502.01	12-FOOT X 6-FOOT REINFORCED CONCRETE BOX	1,690.00	\$965.00	1,267,500	LF	1690	\$ 1,630,850.00		\$ -		\$ -	1,690.0	\$1,630,850.00
502.02	20-FOOT X 7-FOOT REINFORCED CONCRETE BOX	140.00	\$2,100.00	196,000	LF	140	\$ 294,000.00		\$ -		\$ -	140.0	\$294,000.00
502.03	TRAPEZOIDAL CONCRETE CHANNEL (12-FOOT WIDE X 7-FOOT DEEP)	930.00	\$615.00	325,500	LF	930	\$ 571,950.00		\$ -		\$ -	930.0	\$571,950.00
502.04	CONCRETE CHANNEL TRANSITION "SD" 23+20 TO "SD" 23+50	1.00	\$64,000.00	20,000	LS	1	\$ 64,000.00		\$ -		\$ -	1.0	\$64,000.00
502.05	CONCRETE CHANNEL TRANSITION "SD" 13+67 TO "SD" 13+97	1.00	\$90,000.00	15,000	LS	1	\$ 90,000.00		\$ -		\$ -	1.0	\$90,000.00
502.06	CONCRETE HEADWALL (20-FOOT X 7-FOOT RCB)	1.00	\$47,000.00	15,000	EA	1	\$ 47,000.00		\$ -		\$ -	1.0	\$47,000.00
502.07	CONCRETE PAD AND CUT-OFF WALL STRUCTURE "SD" 12+02 TO "SD" 12+32	1.00	\$36,000.00	42,000	LS	1	\$ 36,000.00		\$ -		\$ -	1.0	\$36,000.00
502.08	CONCRETE PAD AND CUT-OFF WALL STRUCTURE "SD" 22+90 TO "SD" 23+50	1.00	\$43,000.00	25,000	LS	1	\$ 43,000.00		\$ -		\$ -	1.0	\$43,000.00
603.01	18-INCH REINFORCED CONCRETE PIPE (CLASS III)	310.00	\$112.00	31,000	LF	310	\$ 34,720.00		\$ -		\$ -	310.0	\$34,720.00
603.02	18-INCH REINFORCED CONCRETE PIPE (CLASS IV)	160.00	\$115.00	19,200	LF	160	\$ 18,400.00		\$ -		\$ -	160.0	\$18,400.00
603.03	24-INCH REINFORCED CONCRETE PIPE (CLASS III)	25.00	\$153.00	3,750	LF	25	\$ 3,825.00		\$ -		\$ -	25.0	\$3,825.00
603.04	30-INCH REINFORCED CONCRETE PIPE (CLASS III)	25.00	\$174.00	4,375	LF	25	\$ 4,350.00		\$ -		\$ -	25.0	\$4,350.00
603.05	36-INCH REINFORCED CONCRETE PIPE (CLASS III)	79.00	\$158.00	15,800	LF	79	\$ 12,482.00		\$ -		\$ -	79.0	\$12,482.00
603.06	36-INCH REINFORCED CONCRETE PIPE (CLASS IV)	115.00	\$164.00	25,875	LF	115	\$ 18,860.00		\$ -		\$ -	115.0	\$18,860.00
603.07	42-INCH REINFORCED CONCRETE PIPE (CLASS IV)	95.00	\$230.00	23,750	LF	95	\$ 21,850.00		\$ -		\$ -	95.0	\$21,850.00
603.08	48-INCH REINFORCED CONCRETE PIPE (CLASS III)	50.00	\$233.00	13,750	LF	50	\$ 11,650.00		\$ -		\$ -	50.0	\$11,650.00
603.09	PLUG AND ABANDON STORM DRAIN PIPE	500.00	\$12.00	25,000	LF	500	\$ 6,000.00		\$ -		\$ -	500.0	\$6,000.00
609.01	48-INCH RCB ACCESS MANHOLE	5.00	\$2,000.00	12,500	EA	5	\$ 10,000.00		\$ -		\$ -	5.0	\$10,000.00
609.02	48-INCH TYPE I STORM DRAIN MANHOLE	2.00	\$3,400.00	10,000	EA	2	\$ 6,800.00		\$ -		\$ -	2.0	\$6,800.00
609.03	60-INCH TYPE III STORM DRAIN MANHOLE	3.00	\$6,700.00	22,500	EA	3	\$ 20,100.00		\$ -		\$ -	3.0	\$20,100.00
609.04	2.5-FOOT X 15-FOOT SPECIAL DROP INLET WITH CONCRETE APRON	2.00	\$17,000.00	36,000	EA	2	\$ 34,000.00		\$ -		\$ -	2.0	\$34,000.00
609.05	NDOT TYPE 2B DROP INLET WITH CONCRETE APRON	4.00	\$6,500.00	40,000	EA	4	\$ 26,000.00		\$ -		\$ -	4.0	\$26,000.00
609.06	20-FOOT TYPE DM2 DROP INLET	3.00	\$26,000.00	60,000	EA	3	\$ 78,000.00		\$ -		\$ -	3.0	\$78,000.00
609.07	5-FOOT TYPE DM2 DROP INLET	1.00	\$10,000.00	5,000	EA	1	\$ 10,000.00		\$ -		\$ -	1.0	\$10,000.00
609.08	17.5-FOOT TYPE CM DROP INLET	1.00	\$24,000.00	15,000	EA	1	\$ 24,000.00		\$ -		\$ -	1.0	\$24,000.00
609.09	TRENCH DRAIN	1.00	\$64,000.00	50,000	EA	1	\$ 64,000.00		\$ -		\$ -	1.0	\$64,000.00
609.10	RCB PLUG	1.00	\$2,400.00	3,000	EA	1	\$ 2,400.00		\$ -		\$ -	1.0	\$2,400.00
609.11	STORM DRAIN PIPE PLUG	1.00	\$450.00	750	EA	1	\$ 450.00		\$ -		\$ -	1.0	\$450.00
610.01	PARTIALLY GROUTED RESET RIPRAP	410.00	\$27.00	12,300	SY	410	\$ 11,070.00		\$ -		\$ -	410.0	\$11,070.00
613.01	"L" TYPE CURB AND GUTTER	260.00	\$36.00	5,200	LF	260	\$ 9,360.00		\$ -		\$ -	260.0	\$9,360.00
613.02	CONCRETE CROSS GUTTER	375.00	\$11.00	3,750	SF	375	\$ 4,125.00		\$ -		\$ -	375.0	\$4,125.00
613.03	MISCELLANEOUS CONCRETE (FLUME/ACCESS RAMP)	1,700.00	\$13.00	25,500	SF	1700	\$ 22,100.00		\$ -		\$ -	1,700.0	\$22,100.00
613.04	CONCRETE TRAIL (6-INCH) WITH CUT-OFF WALLS	2,425.00	\$18.00	36,375	SF		\$ -	2425	\$ 43,650.00		\$ -	2,425.0	\$43,650.00
616.01	POST AND CABLE FENCE (2-STRAND)	1,845.00	\$18.00	110,700	LF	1625	\$ 29,250.00	220	\$ 3,960.00		\$ -	1,845.0	\$33,210.00
616.02	EQUESTRIAN ENTRANCE	1.00	\$2,500.00	500	EA		\$ -	1	\$ 2,500.00		\$ -	1.0	\$2,500.00
616.03	16-FOOT SWING GATE	4.00	\$6,000.00	20,000	EA	4	\$ 24,000.00		\$ -		\$ -	4.0	\$24,000.00
622.01	CONSTRUCTION SURVEYING	1.00	\$48,000.00	30,000	LS	1	\$ 48,000.00		\$ -		\$ -	1.0	\$48,000.00

Construction Cost Estimate by Funding Source for  
Brent Lane Drainage System and Trail

ITEM NO.	ITEM DESCRIPTION	Quantity	Unit Price	Meadow Valley Unit Price	UOM	CCRFCD		SNPLMA		RTP GRANT		Quantity	Extended Price
						Approx. Quantity	Source Cost	Approx. Quantity	Source Cost	Approx. Quantity	Source Cost		
623 01	3-INCH PVC CONDUIT WITH TRACER WIRE	875 00	\$49 00	13,125	LF	875	\$ 42,875 00		\$ -		\$ -	875 0	\$42,875 00
623 02	NO. 7 PULL BOX	4 00	\$930 00	4,000	EA	4	\$ 3,720 00		\$ -		\$ -	4 0	\$3,720 00
624 01	TRAFFIC CONTROL AND MAINTENANCE	1 00	\$27,000 00	50,000	LS	1	\$ 27,000 00		\$ -		\$ -	1 0	\$27,000 00
627 01	PERMANENT SIGN (GROUND MOUNTED)	13 00	\$308 00	2,600	EA		\$ -	13	\$ 4,004 00		\$ -	13 0	\$4,004 00
628 01	POLYUREA PAVEMENT MARKING (24-INCH SOLID WHITE)	560 00	\$4 50	4,480	LF	400	\$ 1,800 00	160	\$ 720 00		\$ -	560 0	\$2,520 00
628 02	POLYUREA PAVEMENT MARKING (6-INCH SOLID WHITE)	815 00	\$1 10	4,075	LF	815	\$ 896.50		\$ -		\$ -	815 0	\$896.50
628 03	POLYUREA PAVEMENT MARKING (TYPE 1 YELLOW CENTERLINE)	1,050 00	\$1 50	8,400	LF	1050	\$ 1,575 00		\$ -		\$ -	1,050 0	\$1,575 00
628 04	POLYUREA PAVEMENT MARKING (WHITE YIELD LINE)	90 00	\$6 30	360	SF		\$ -	90	\$ 567 00		\$ -	90 0	\$567 00
628 05	POLYUREA PAVEMENT MARKING (24-INCH SOLID YELLOW)	50 00	\$7 00	250	LF	50	\$ 350 00		\$ -		\$ -	50 0	\$350 00
628 06	POLYUREA PAVEMENT MARKING (VARIES SOLID YELLOW)	620 00	\$5 00	2,480	SF	620	\$ 3,100 00		\$ -		\$ -	620 0	\$3,100 00
629 01	VERTICALLY ADJUST WATER VALVE COVER	2 00	\$570 00	1,000	EA	2	\$ 1,140 00		\$ -		\$ -	2 0	\$1,140 00
629 02	RELOCATE 2-INCH BLOWOFF	1 00	\$2,300 00	2,500	LS	1	\$ 2,300 00		\$ -		\$ -	1 0	\$2,300 00
629 03	8-INCH WATERLINE RELOCATION	1 00	\$35,000 00	20,000	LS	1	\$ 35,000 00		\$ -		\$ -	1 0	\$35,000 00
630 01	VERTICALLY ADJUST SANITARY SEWER MANHOLE	1 00	\$2,300 00	800	EA	1	\$ 2,300 00		\$ -		\$ -	1 0	\$2,300 00
630 02	8-INCH SDR 35 PVC SEWER PIPE	102 00	\$110 00	12,750	LF	102	\$ 11,220 00		\$ -		\$ -	102 0	\$11,220 00
630 03	60-INCH SANITARY SEWER MANHOLE	2 00	\$5,300 00	20,000	EA	2	\$ 10,600 00		\$ -		\$ -	2 0	\$10,600 00
633 01	REFLECTIVE RAISED PAVEMENT MARKER	20 00	\$15 00	50	EA	20	\$ 300 00		\$ -		\$ -	20 0	\$300 00
633 02	NON-REFLECTIVE RAISED PAVEMENT MARKER	55 00	\$13 50	83	EA	55	\$ 742.50		\$ -		\$ -	55 0	\$742 50
637 01	DUST CONTROL	1 00	\$29,000 00	50,000	LS	1	\$ 29,000 00		\$ -		\$ -	1 0	\$29,000 00
637 02	NPDES DISCHARGE PERMIT	1 00	\$10,000 00	5,000	LS	1	\$ 10,000 00		\$ -		\$ -	1 0	\$10,000 00
675 01	PALEONTOLOGICAL MONITORING	21 00	\$1,000 00	21,000	DAY	21	\$ 21,000 00		\$ -		\$ -	21 0	\$21,000 00
675 02	BURROWING OWL MONITORING	30 00	\$1,000 00	30,000	DAY	30	\$ 30,000 00		\$ -		\$ -	30 0	\$30,000 00
699 01	REMOVABLE BOLLARD	14 00	\$1,100 00	7,000	EA		\$ -		\$ -	14	\$ 15,400 00	14 0	\$15,400 00
699 02	BENCH	5 00	\$1,200 00	6,000	EA		\$ -		\$ -	5	\$ 6,000 00	5 0	\$6,000 00
699 03	TRASH RECEPTACLE	1 00	\$600 00	1,800	EA		\$ -		\$ -	1	\$ 600 00	1 0	\$600 00
699 04	MONUMENT SIGN	1 00	\$11,000 00	600	EA		\$ -	1	\$ 11,000 00		\$ -	1 0	\$11,000 00
699 05	PET WASTE STATION	2 00	\$280 00	400	EA		\$ -		\$ -	2	\$ 560 00	2 0	\$560 00
699 06	RAILROAD TIE DIRECTIONAL SIGN	1 00	\$260 00	300	EA		\$ -	1	\$ 260 00		\$ -	1 0	\$260 00
699 07	12-FOOT X 12-FOOT SHADE STRUCTURE	1 00	\$17,000 00	20,000	EA		\$ -		\$ -	1	\$ 17,000 00	1 0	\$17,000 00
SUBTOTAL							\$ 4,161,884.00		\$ 195,669.30		\$ 39,560.00		\$ 3,725,518.30
10% CONTINGENCY							\$ 416,188.40		\$ 19,566.93		\$ 3,956.00		\$ 372,551.83
SUBTOTAL CONSTRUCTION						3,505,300 00	\$ 4,578,072.40		\$ 215,236.23		\$ 43,516.00		\$ 4,098,070.13
7% CONSTRUCTION MANAGEMENT						245,400 00	\$ 320,465.07		\$ 15,066.54		\$ 3,046.12		\$ 288,864.91
TOTAL						3,750,700 00	\$ 4,898,537.47	215,000 00	\$ 230,302.77	72,500 00	\$ 46,562.12		\$ 4,384,935.04
Difference							\$ -1,147,837.47		\$ -15,302.77		\$ 25,937.88		

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS  
PROJECT PRESENTATION – BOU01D17**

**RECOMMENDATION SUMMARY**

**STAFF:** Accept the project presentation.

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

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

**RFCD AGENDA  
ITEM #13a  
DATE: 02/09/17**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM

<b>SUBJECT:</b> PRESENTATION ON THE HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS
<b>PETITIONER:</b> JIM KEANE, CITY ENGINEER CITY OF BOULDER CITY
<b>RECOMMENDATION OF PETITIONER:</b> IT IS RECOMMENDED THAT THE CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT ACCEPT A PRESENTATION ON THE HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS – BOU01D17 (FOR POSSIBLE ACTION)


**FISCAL IMPACT:** None by this action

**BACKGROUND:** The Hemenway System, Phase IIA Improvements project is described in the 2013 Master Plan Update as Facility Numbers HMTH 0034, HMLM 0066 and 0085, HMWA 0158, 0173, 0175 and 0182. The proposed improvements include: construction to install riprap erosion protection on an existing berm; increase existing inlet capacity including concrete aprons/flatwork; expansion of an existing sediment basin with associated riprap; gabion baskets and concrete aprons/flatwork; maintenance access road; new sediment basin and concrete lining of an existing natural channel; replacement of existing storm drains with 12'x4' and 8'x4' reinforced concrete box culverts to increase capacity and other appurtenances as may be necessary to control floodwaters. Design drawings and specifications are 90 percent complete, the City of Boulder City owns all of the land except for the portions in the US93 right-of-way, and all necessary permits for this project have been acquired.

The USACOE has reviewed the project and determined that work proposed in the project is authorized by Regional General Permit Number 7 and authorization was issued in July 2016. The 401 Water Quality Certification was granted in July 2016 by the Nevada Division of Environmental Protection. The Section 8 Analysis was found to be acceptable by Clark County Regional Flood Control District Staff.

Representatives from the design consultant Advantage Civil Design Group, LLC and the City of Boulder City staff will be available to respond to any questions following the brief presentation.

Respectfully submitted,

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

TAC AGENDA ITEM # 11a Date: 01/26/17	RFCD AGENDA ITEM # 13a Date: 02/09/17
CAC AGENDA ITEM # 11a Date: 01/30/17	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

<b>Staff Discussion:</b>	Date: 01/17/17
<p><b>HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS PROJECT PRESENTATION – BOU01D17</b></p> <p>The Hemenway System, Phase IIA Improvements project is described in the 2013 Master Plan Update as Facility Numbers HMTH 0034, HMLM 0066 and 0085, HMWA 0158, 0173, 0175 and 0182. The proposed improvements include: construction to install riprap erosion protection on an existing berm; increase existing inlet capacity including concrete aprons/flatwork; expansion of an existing sediment basin with associated riprap, gabion baskets and concrete aprons/flatwork, maintenance access road; new sediment basin and concrete lining of an existing natural channel; replacement of existing storm drains with 12'x4' and 8'x4' reinforced concrete box culverts to increase capacity and other appurtenances as may be necessary to control floodwaters. Design drawings and specifications are 90 percent complete, the City of Boulder City owns all of the land except for the portions in the US93 right-of-way, and all necessary permits for this project have been acquired.</p> <p>The USACOE has reviewed the project and determined that work proposed in the project is authorized by Regional General Permit Number 7 and authorization was issued in July 2016. The 401 Water Quality Certification was granted in July 2016 by the Nevada Division of Environmental Protection. The Section 8 Analysis was found to be acceptable by Clark County Regional Flood Control District Staff.</p> <p>Representatives from the design consultant Advantage Civil Design Group, LLC and the City of Boulder City staff will be available to respond to any questions following the brief presentation.</p>	
<b>Staff Recommendation:</b>	
Accept the project presentation.	
<b>Discussion by Technical Advisory Committee:</b>	AGENDA #11a Date: 01/26/17
<b>Recommendation:</b>	
Accept the project presentation.	
<b>Discussion by Citizens Advisory Committee:</b>	AGENDA #11a Date: 01/30/17
<b>Recommendation:</b>	
Accept the project presentation.	





## City of Boulder City

Public Works Administration  
Engineering Division  
401 California Avenue  
Boulder City, NV 89005  
www.bcnv.org



January 12, 2017

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

**RE: Hemenway System, Phase IIA Improvements– HMTH 0034, HMLM 0066 and 0085,  
HMWA 0158, 0173, 0175, 0182**

Dear Mr. Parrish,

The design plans and specifications prepared by Advantage Civil Design Group, LLC for the above referenced project, indicated on "Exhibit A" are now 90% complete. The City and Advantage Civil Design Group, LLC are pleased to present this project to the Technical Advisory Committee, Citizens Advisory Committee, and the District's Board for approval.

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

### **HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS**

**Project History and Description:** The improvements consist of flood water facilities including: construction to install riprap erosion protection on an existing berm; increase existing inlet capacity including concrete aprons/flatwork; expansion of an existing sediment basin with associated riprap; gabion baskets and concrete aprons/flatwork; maintenance access roads; new sediment basin and concrete lining of an existing natural channel; replacement of existing storm drains with 12'x4' and 8'x4' reinforced concrete box culverts to increase capacity and other appurtenances as may be necessary to control floodwaters.

This project includes the construction of the following:

- Grading
- Concrete aprons, curbs, cutoff walls and flatwork
- Grated inlets
- 10' wide bottom trapezoidal concrete channel and transitions
- Access road improvements
- 18" and 24" RCP and 49"x32" HERCP storm drains and associated appurtenances
- 12'x4' and 8'x4' precast reinforced concrete box culverts and associated appurtenances
- Expansion of existing and construction of new sediment basins

- Loose and grouted rip rap erosion protection
- Gabion baskets
- Rail fence
- Guardrail

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

Design (Phases IIA & IIB)	\$ 730,000.00
Environmental Mitigation	\$ 15,000.00
Construction Management	\$ 175,000.00
Construction	<u>\$ 2,047,694.00</u>
<b>TOTAL</b>	<b>\$ 2,967,694.00</b>

- **Outside Funding Sources:** There are no other funding sources for this project.
- **Project Construction Schedule:** If funding were made available today, listed below are the estimated dates of construction of the project.
 

Award of Bid Date	<u>June 2017</u>
Construction Start Date	<u>July 2017</u>
Project Duration	<u>5 Months</u>
- **Cash Flow Projection:** Cash Flow Projection has been provided.
- **Right-of-Way:** The City of Boulder City owns all the land for this project except for the work in the US93 right-of-way (ROW). A Nevada Department of Transportation (NDOT) permit has been obtained for the work proposed in the US93 ROW.
- **Economic Benefit:** This project is a portion of the Clark County Regional Flood Control District's (CCRFCD) Master Plan. In September of 2005, CCRFCD received the document titled "Benefit to Cost Analysis of Capital Programs" prepared by Hobbs, Ong & Associates, Inc., Restrepo Consulting Group/Applied Market Analysis, Post, Buckley, Schuh & Jernigan, Inc. and Public Financial Management, Inc.

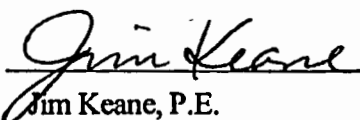
The report concludes, "the quantifiable public benefits associated with flood control projects, when compared to costs, show that flood control projects have provided a return of \$2.21 for each dollar expended. When those benefits that are not readily quantifiable are taken into consideration, the contribution that these facilities provide to the welfare of Clark County's residents and the vitality of the local economy increases beyond the

calculated ratio. It is expected that the benefit to cost ratio of the District construction program will remain at a level that approximates 2 to 1 through buildout of the Master Plan and over the useful life of the facilities.”

- **Environmental Requirements:** All environmental requirements have been met. Regional General Permit No. 7 has been authorized by the Army Corps of Engineers and the Nevada Division of Environmental Protection has granted the 401 Water Quality Certification.
- **Project Enhancements:** No opportunities for project enhancements are proposed at this time.

If you have any questions, please contact the undersigned at (702) 293-9200.

Jim Keane, P.E.  
City Engineer

BY:   
Jim Keane, P.E.  
City Engineer

JK:

Enclosures: Cash Flow Projection  
Project Map – Exhibit "A"  
Detailed Cost Estimate and Construction Detail – Exhibit "B"

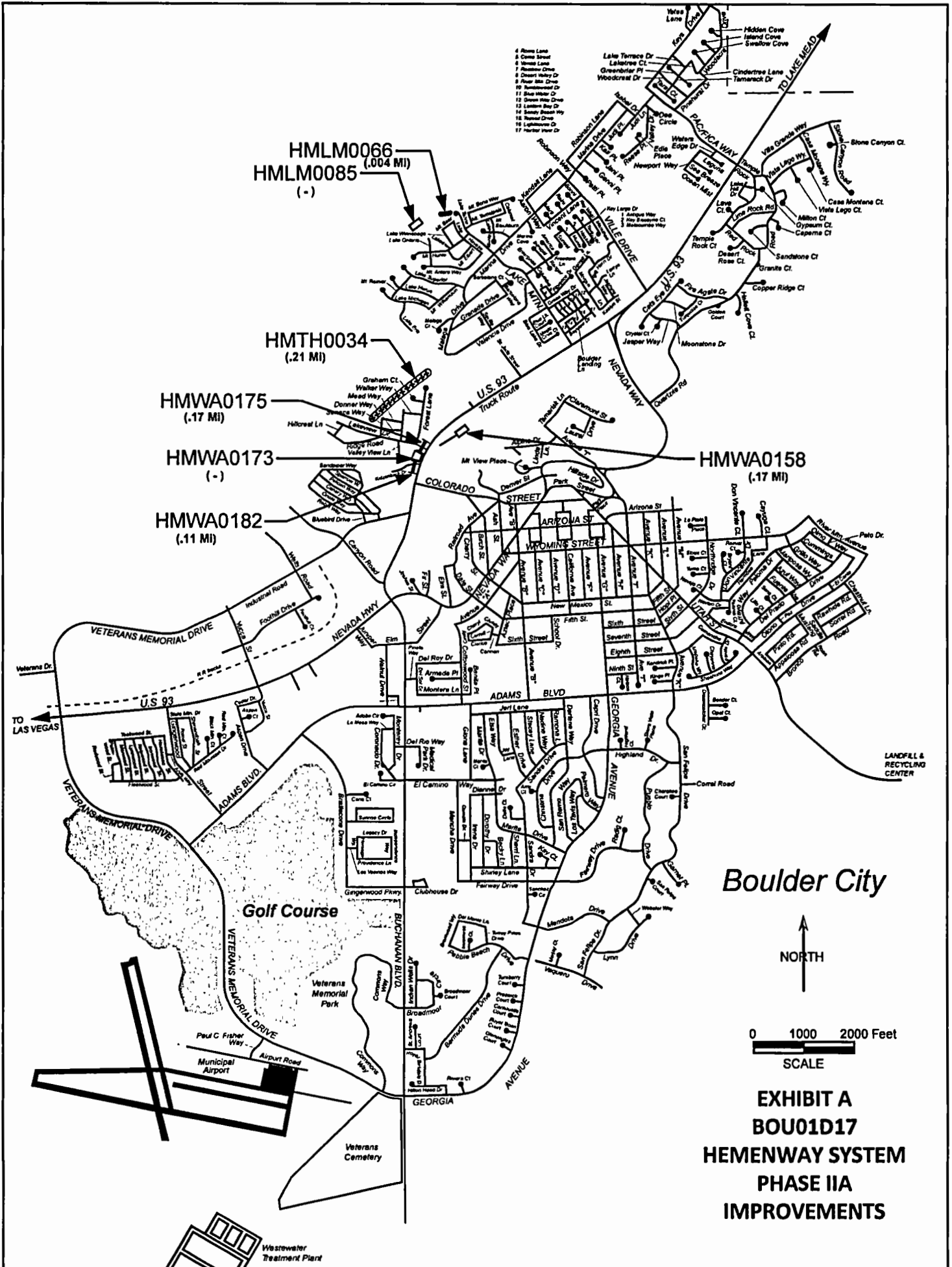
## Cash Flow Projection

Today's Date: 01/17/2017

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

Construction Schedule			
Milestone	Estimate	Revised	Actual
Award of Bid	6/27/2017		
CONS Start	7/31/2017		
CONS Complete	12/28/2017		
Project Duration	5 months		

Billing Month	Original Estimate		Actual Drawdowns		Variance		Revised Estimate	
	\$	%	\$	%	\$	%	\$	%
Aug-17	200,000	9%						
Sep-17	500,000	22%						
Oct-17	600,000	27%						
Nov-17	700,000	32%						
Dec-17	222,694	10%						
<b>Total</b>	<b>\$ 2,222,694</b>	<b>100%</b>						



**EXHIBIT B**

<b>HEMENWAY WATERSHED</b>	
<b>PHASE IIA</b>	
<b>09-0785-DR(2)</b>	
HMWA 0085	\$437,536.00
HMLM 0066	\$78,551.00
HMTH 0034	\$274,526.00
HMWA 0158	\$788,261.00
HMWA 0173, 0175 & 0182	\$468,820.00
<b>TOTAL PHASE IIA</b>	<b>\$2,047,694.00</b>

**EXHIBIT B  
COST ESTIMATE/BID SCHEDULE**

**PROJECT NAME: HEMENWAY WATERSHED PHASE IIA  
HMLM-0085--DEBRIS BASIN  
BOULDER CITY PROJECT NO. 09-0785 DR(2)**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED TOTAL AMOUNT
107.01	TRAFFIC CONTROL	1	LS	\$6,500.00	\$6,500
109.01	CONSTRUCTION CONFLICTS & ADDITIONAL WORK	1	LS	\$5,800.00	\$5,800
109.02	HISTORICAL OWNER-CAUSED DELAY ALLOWANCE	5	DAY	\$500.00	\$2,500
109.03	HISTORICAL OWNER-CAUSED DELAY ALLOWANCE ADDITION OVER \$500.00/DAY	5	DAY	\$250.00	\$1,250
200.01	MOBILIZATION	1	LS	\$17,500.00	\$17,500
200.02	PROJECT SIGN	1	EA	\$500.00	\$500
200.03	PROJECT PERMITS AND FEES	1	EA	\$2,000.00	\$2,000
201.02	CLEARING AND GRUBBING	1	LS	\$10,000.00	\$10,000
202.09	PLUG EXISTING 24-INCH OUTLET PIPE	1	LS	\$350.00	\$350
203.01	DRAINAGE EXCAVATION (CUT)	5,129	CY	\$8.00	\$41,032
203.06	DRAINAGE EXCAVATION (FILL)	3,300	CY	\$8.00	\$26,400
302.01	TYPE II MAINTENANCE ACCESS ROAD	430	CY	\$40.00	\$17,200
502.01	CONCRETE APRONS/FLATWORK	3,599	SF	\$55.00	\$197,945
502.05	HEADWALLS/WINGWALLS	44	LF	\$225.00	\$9,900
610.01	LOOSE RIPRAP D50=6-INCH	200	CY	\$50.00	\$10,000
610.02	LOOSE RIPRAP D50=8-INCH	200	CY	\$60.00	\$12,000
610.05	LOOSE RIPRAP D50=12-INCH	430	CY	\$75.53	\$32,478
610.06	GABION BASKETS	18	CY	\$400.00	\$7,200
626.01	FINAL CLEANUP	1	LS	\$8,300.00	\$8,300
627.01	PERMANENT SIGNS	2	EA	\$150.00	\$300
637.01	DUST CONTROL PERMIT	1	LS	\$2,500.00	\$2,500
637.02	DUST PALLIATIVE	3,300	SY	\$0.62	\$2,046
637.03	SWPPP PERMIT	1	LS	\$3,000.00	\$3,000
				<b>TOTAL</b>	<b>\$416,701</b>
				<b>5.0% CONTINGENCY</b>	<b>\$20,835</b>
				<b>GRAND TOTAL</b>	<b>\$437,536</b>

**EXHIBIT B  
COST ESTIMATE/BID SCHEDULE**

**PROJECT NAME: HEMENWAY WATERSHED PHASE IIA  
HMLM-0066--INLET ADDITION  
BOULDER CITY PROJECT NO. 09-0785 DR(2)**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED TOTAL AMOUNT
107.01	TRAFFIC CONTROL	1	LS	\$6,500.00	\$6,500
109.01	CONSTRUCTION CONFLICTS & ADDITIONAL WORK	1	LS	\$5,800.00	\$5,800
109.02	HISTORICAL OWNER-CAUSED DELAY ALLOWANCE	5	DAY	\$500.00	\$2,500
109.03	HISTORICAL OWNER-CAUSED DELAY ALLOWANCE ADDITION OVER \$500.00/DAY	5	DAY	\$250.00	\$1,250
200.01	MOBILIZATION	1	LS	\$17,500.00	\$17,500
200.02	PROJECT SIGN	1	EA	\$500.00	\$500
200.03	PROJECT PERMITS AND FEES	1	EA	\$2,000.00	\$2,000
202.01	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	240	SF	\$2.00	\$480
202.05	REMOVAL OF EXISTING RCP	6	LF	\$50.00	\$300
502.02	CONCRETE APRONS/FLATWORK	240	SF	\$55.00	\$13,200
609.01	GRATED INLET	1	EA	\$10,000.00	\$10,000
613.01	CONCRETE 12-INCH HIGH CURB	21	LF	\$25.00	\$525
613.02	CONCRETE SIDEWALK	91	SF	\$5.00	\$455
626.01	FINAL CLEANUP	1	LS	\$8,300.00	\$8,300
637.01	DUST CONTROL PERMIT	1	LS	\$2,500.00	\$2,500
637.03	SWPPP PERMIT	1	LS	\$3,000.00	\$3,000
<b>TOTAL</b>					<b>\$74,810</b>
<b>5.0% CONTINGENCY</b>					<b>\$3,741</b>
<b>GRAND TOTAL</b>					<b>\$78,551</b>



**EXHIBIT B  
COST ESTIMATE/BID SCHEDULE**

**PROJECT NAME: HEMENWAY WATERSHED PHASE IIA  
HMTH-0034--RIPRAP BERM PROTECTION  
BOULDER CITY PROJECT NO. 09-0785 DR(2)**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED TOTAL AMOUNT
107.01	TRAFFIC CONTROL	1	LS	\$6,500.00	\$6,500
109.01	CONSTRUCTION CONFLICTS & ADDITIONAL WORK	1	LS	\$5,800.00	\$5,800
109.02	HISTORICAL OWNER-CAUSED DELAY ALLOWANCE	5	DAY	\$500.00	\$2,500
109.03	HISTORICAL OWNER-CAUSED DELAY ALLOWANCE ADDITION OVER \$500.00/DAY	5	DAY	\$250.00	\$1,250
200.01	MOBILIZATION	1	LS	\$17,500.00	\$17,500
200.02	PROJECT SIGN	1	EA	\$500.00	\$500
200.03	PROJECT PERMITS AND FEES	1	EA	\$2,000.00	\$2,000
201.02	CLEARING AND GRUBBING	1	LS	\$10,000.00	\$10,000
203.02	DRAINAGE EXCAVATION (CUT)	272	CY	\$8.00	\$2,176
203.04	DRAINAGE EXCAVATION (FILL)	9	CY	\$8.00	\$72
302.01	12-FT TYPE II MAINTENANCE ACCESS ROAD	300	CY	\$40.00	\$12,000
502.03	CONCRETE APRONS/FLATWORK	960	SF	\$55.00	\$52,800
610.08	GROUTED RIPRAP D50=12-INCH	1,583	CY	\$85.00	\$134,555
626.01	FINAL CLEANUP	1	LS	\$8,300.00	\$8,300
637.01	DUST CONTROL PERMIT	1	LS	\$2,500.00	\$2,500
637.03	SWPPP PERMIT	1	LS	\$3,000.00	\$3,000
<b>TOTAL</b>					<b>\$261,453</b>
<b>5.0% CONTINGENCY</b>					<b>\$13,073</b>
<b>GRAND TOTAL</b>					<b>\$274,526</b>

**EXHIBIT B  
COST ESTIMATE/BID SCHEDULE**

**PROJECT NAME: HEMENWAY WATERSHED PHASE IIA  
HMWA-0158--DEBRIS BASIN AND CHANNEL  
BOULDER CITY PROJECT NO. 09-0785 DR(2)**

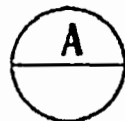
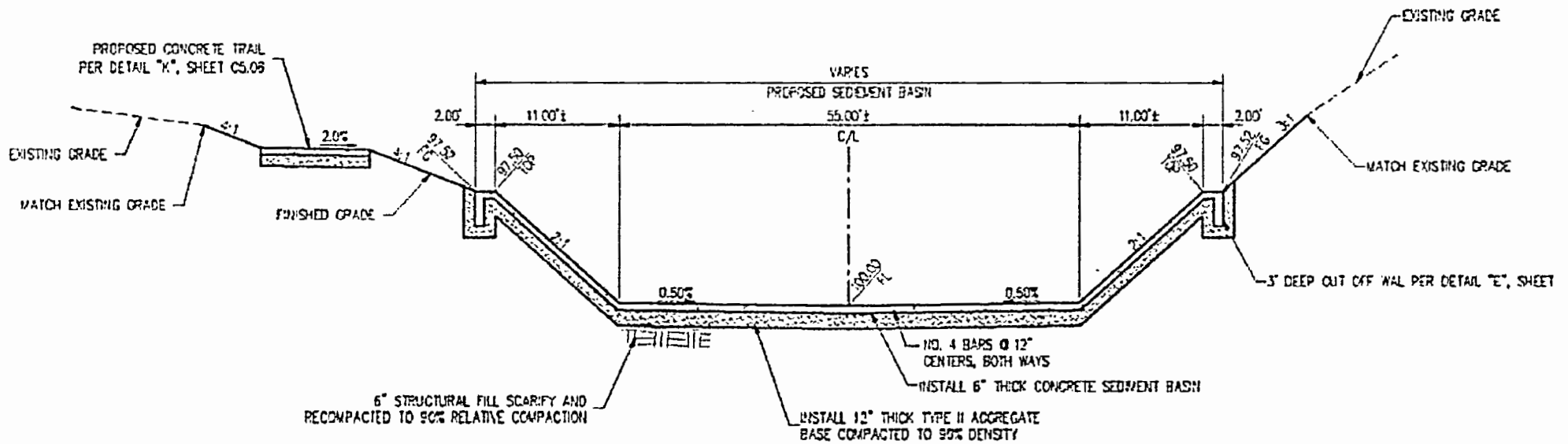
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED TOTAL AMOUNT
107.01	TRAFFIC CONTROL	1	LS	\$6,500.00	\$6,500
109.01	CONSTRUCTION CONFLICTS & ADDITIONAL WORK	1	LS	\$5,800.00	\$5,800
109.02	HISTORICAL OWNER-CAUSED DELAY ALLOWANCE	5	DAY	\$500.00	\$2,500
109.03	HISTORICAL OWNER-CAUSED DELAY ALLOWANCE ADDITION OVER \$500.00/DAY	5	DAY	\$250.00	\$1,250
200.01	MOBILIZATION	1	LS	\$17,500.00	\$17,500
200.02	PROJECT SIGN	1	EA	\$500.00	\$500
200.03	PROJECT PERMITS AND FEES	1	EA	\$2,000.00	\$2,000
201.03	CLEARING AND GRUBBING	1	LS	\$10,000.00	\$10,000
202.03	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	300	SY	\$13.00	\$3,900
203.03	DRAINAGE EXCAVATION (CUT)	2,800	CY	\$8.00	\$22,400
203.08	DRAINAGE EXCAVATION (FILL)	1,200	CY	\$8.00	\$9,600
502.04	CONCRETE APRONS/FLATWORK	2,660	SF	\$55.00	\$146,300
502.06	HEADWALLS/WINGWALLS	51	LF	\$225.00	\$11,475
502.10	10-FT BOTTOM TRAP CHANNEL AND TRANSITIONS	800	LF	\$300.00	\$240,000
502.12	DRAINAGE FLUMES/FLATWORK	8,100	SF	\$17.00	\$137,700
502.14	36-INCH DEEP CUTOFF WALL	1,555	LF	\$50.00	\$77,750
603.01	18-INCH CLASS III RCP	146	LF	\$114.00	\$16,644
610.01	LOOSE RIPRAP D50=8-INCH	75	CY	\$50.00	\$3,750
618.01	GALVANIZED GUARDRAIL	566	LF	\$36.00	\$20,376
626.01	FINAL CLEANUP	1	LS	\$8,300.00	\$8,300
627.01	PERMANENT SIGNS (GROUND MOUNTED)	0	EA	\$150.00	\$0
637.01	DUST CONTROL PERMIT	1	LS	\$2,500.00	\$2,500
637.02	DUST PALLIATIVE	1,580	SY	\$0.62	\$980
637.03	SWPPP PERMIT	1	LS	\$3,000.00	\$3,000
<b>TOTAL</b>					<b>\$750,725</b>
<b>5.0% CONTINGENCY</b>					<b>\$37,536</b>
<b>GRAND TOTAL</b>					<b>\$788,261</b>

**EXHIBIT B  
COST ESTIMATE/BID SCHEDULE**

**PROJECT NAME: HEMENWAY WATERSHED PHASE IIA  
HMWA-0173, 0175 & 0182--CHANNEL AND RCB  
BOULDER CITY PROJECT NO. 09-0785 DR(2)**

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED TOTAL AMOUNT
107.01	TRAFFIC CONTROL	1	LS	\$6,500.00	\$6,500
109.01	CONSTRUCTION CONFLICTS & ADDITIONAL WORK	1	LS	\$5,800.00	\$5,800
109.02	HISTORICAL OWNER-CAUSED DELAY ALLOWANCE	5	DAY	\$500.00	\$2,500
109.03	HISTORICAL OWNER-CAUSED DELAY ALLOWANCE ADDITION OVER \$500.00/DAY	5	DAY	\$250.00	\$1,250
200.01	MOBILIZATION	1	LS	\$17,500.00	\$17,500
200.02	PROJECT SIGN	1	EA	\$500.00	\$500
200.03	PROJECT PERMITS AND FEES	1	EA	\$2,000.00	\$2,000
201.04	CLEARING AND GRUBBING	1	LS	\$10,000.00	\$10,000
202.04	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	385	SY	\$13.00	\$5,005
202.06	REMOVAL OF EXISTING CMP	113	LF	\$50.00	\$5,650
202.07	REMOVAL OF AC PAVEMENT	280	SY	\$5.00	\$1,400
202.10	REMOVAL OF GALVANIZED GUARDRAIL	90	LF	\$5.00	\$450
203.01	DRAINAGE EXCAVATION (CUT)	200	CY	\$8.00	\$1,600
203.02	DRAINAGE EXCAVATION (FILL)	100	CY	\$8.00	\$800
401.01	2-INCH ASPHALT ROADWAY	280	SY	\$20.00	\$5,600
502.07	HEADWALLS/WINGWALLS	88	EA	\$225.00	\$19,800
502.11	TRAP CHANNEL AND TRANSITIONS	300	LF	\$300.00	\$90,000
502.13	DRAINAGE FLUMES/FLATWORK	320	SF	\$17.00	\$5,440
502.15	36-INCH DEEP CUTOFF WALL	20	LF	\$50.00	\$1,000
601.01	12'X4' PRECAST REINFORCED CONCRETE BOX	85	LF	\$1,400.00	\$119,000
601.02	8'X4' PRECAST REINFORCED CONCRETE BOX	73	LF	\$1,200.00	\$87,600
610.09	GROUTED RIPRAP D50=12-INCH	200	CY	\$85.00	\$17,000
616.01	RAIL FENCE	468	LF	\$25.00	\$11,700
626.01	FINAL CLEANUP	1	LS	\$8,300.00	\$8,300
637.01	DUST CONTROL PERMIT	1	LS	\$2,500.00	\$2,500
637.03	SWPPP PERMIT	1	LS	\$2,600.00	\$2,600
680.01	DRY UTILITY RELOCATION WORK	1	LS	\$15,000.00	\$15,000
<b>TOTAL</b>					<b>\$446,495</b>
<b>5.0% CONTINGENCY</b>					<b>\$22,325</b>
<b>GRAND TOTAL</b>					<b>\$468,820</b>

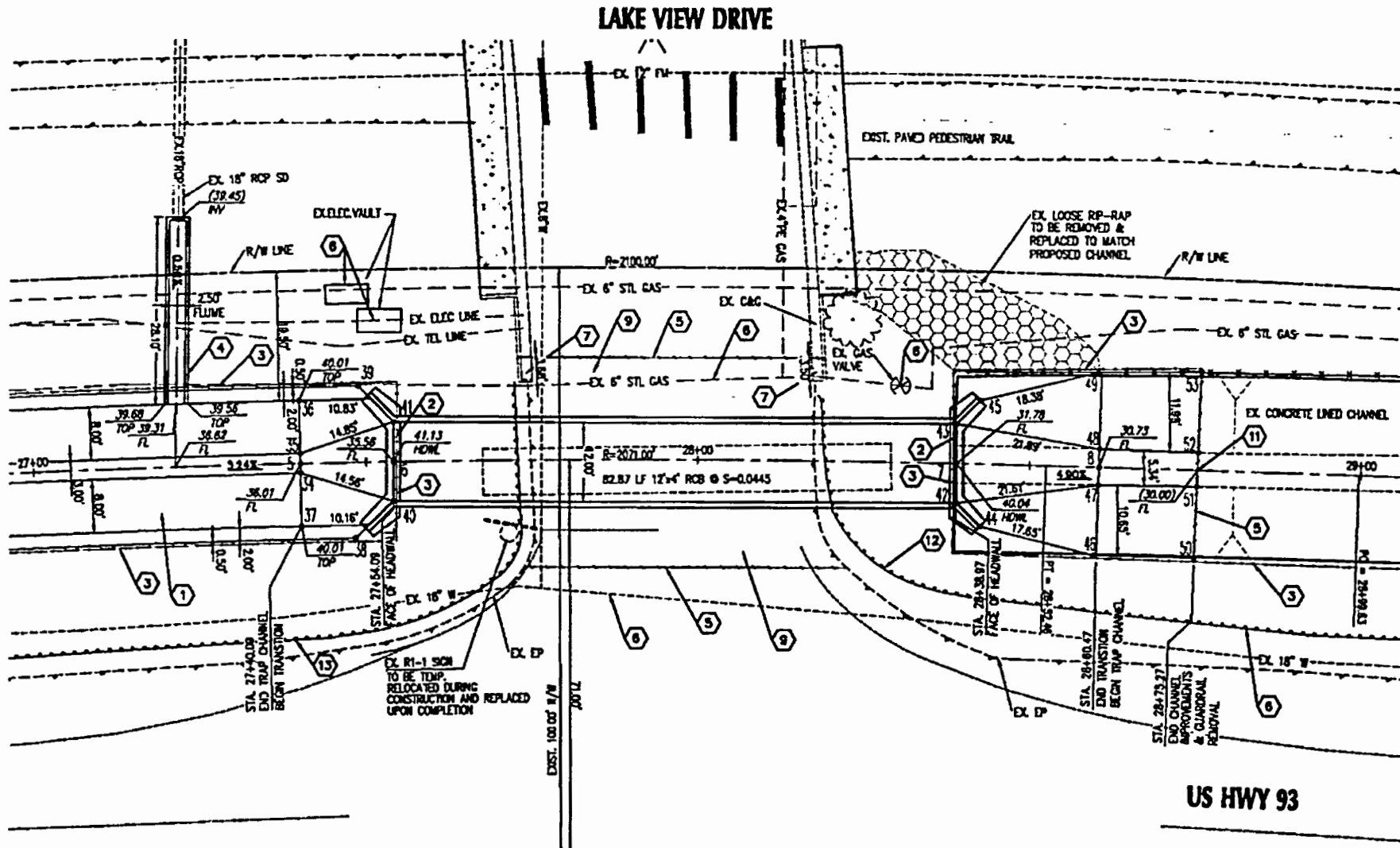




**SECTION - SEDIMENT BASIN**

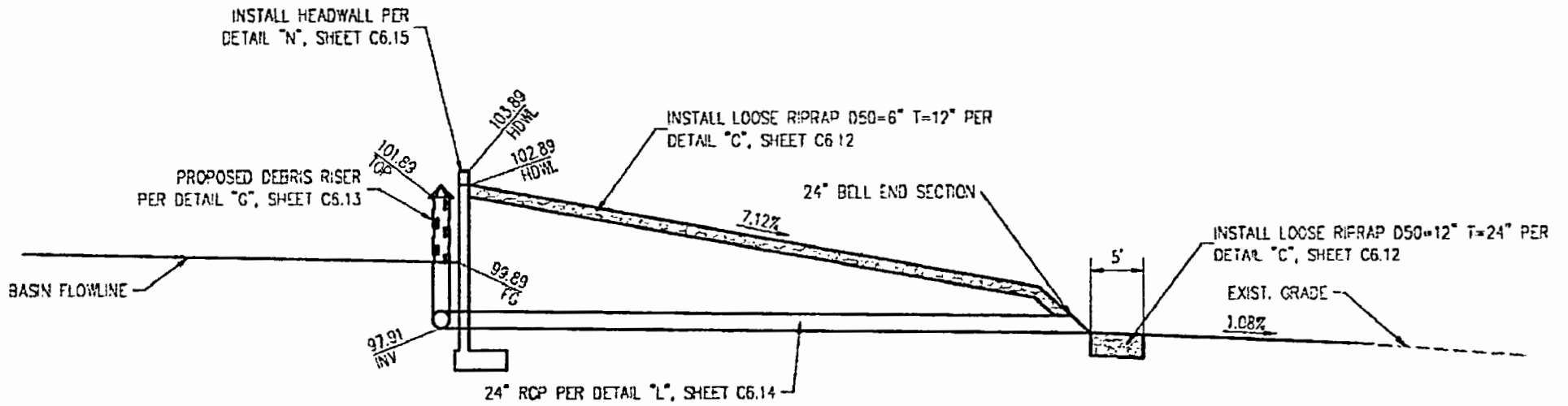
N.T.S.

**Design 4: HMWA-0158 – typical cross section (upgradient view) showing sediment basin design and relocation of concrete pedestrian trail.**



Design 6: HMWA-0175 – plan view showing RCB, headwalls, wing walls, and trapezoidal concrete channel design.





**B** SECTION  
N.T.S.

Design 9: HMWA-0172 – cross-section of headwall, debris riser, spillway, and RCP drain location.



**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

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

**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 #13b  
DATE: 02/09/17**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT  
AGENDA ITEM


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

**FISCAL IMPACT:**

Construction	\$ 2,047,694
Construction Management	\$ 175,000
<b>Total</b>	<b>\$ 2,222,694</b>

**BACKGROUND:** The Hemenway System, Phase IIA Improvements project is described in the 2013 Master Plan Update as Facility Numbers HMTH 0034, HMLM 0066 and 0085, HMWA 0158, 0173, 0175 and 0182. The proposed improvements include construction to increase existing inlet capacity, install erosion protection for an existing berm, new sediment basin, increase culvert capacity and other appurtenances as may be necessary to control floodwaters.

Respectfully submitted,

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

TAC AGENDA ITEM # 11b Date: 01/26/17	RFCD AGENDA ITEM # 13b Date: 02/09/17
CAC AGENDA ITEM # 11b Date: 01/30/17	

Regional Flood Control District  
AGENDA ITEM DEVELOPMENT

**Staff Discussion:**

Date: 01/17/17

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

The City of Boulder City has submitted a request to approve an interlocal contract in the amount of \$2,222,694 for construction and construction engineering of the Hemenway System, Phase IIA Improvements project.

The Hemenway System, Phase IIA Improvements project is described in the 2013 Master Plan Update as Facility Numbers HMTH 0034, HMLM 0066 and 0085, HMWA 0158, 0173, 0175 and 0182. The proposed improvements include construction to increase existing inlet capacity, install erosion protection for an existing berm, a new sediment basin, increase culvert capacity and other appurtenances as may be necessary to control floodwaters

With the total project construction cost of \$2.0 million, approximately 24 jobs will be created or sustained with this project.

District funding will be provided as follows:

Construction	\$2,047,694
Construction Engineering	\$ 175,000
<b>Total ILC Value</b>	<b>\$2,222,694</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  
#11b Date: 01/26/17

**Recommendation:**

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

**Discussion by Citizens Advisory Committee:**

AGENDA  
#11b Date: 01/30/17

**Recommendation:**

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

**INTERLOCAL CONTRACT**

**HEMENWAY SYSTEM, PHASE IIA IMPROVEMENTS**

THIS INTERLOCAL CONTRACT made and entered into as of the \_\_\_\_ day of \_\_\_\_\_, 2017 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT", and City of Boulder City hereinafter referred to as "CITY".

**WITNESSETH**

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

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

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

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

WHEREAS, the PROJECT has regional flood control significance and is located in the same hydrographic area as Boulder City.

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 Hemenway System, Phase IIA Improvements. 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".

## **SECTION II – PROJECTS COSTS**

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

1. Construction costs shall not exceed \$2,047,694.
2. Construction management costs shall not exceed \$175,000.
3. The total cost of this Contract shall not exceed \$2,222,694 which includes all the items described in paragraphs one and two above.
4. If at any time during the term of this Contract the entity determines that a portion of the funds provided pursuant to this Contract will not be needed for the project, then the entity will notify the District in writing of the amount of funds that are not anticipated to be used for the project. Upon receipt of said notification the District's obligation to pay the maximum amount set forth herein will automatically be reduced by the amount specified in the notification.
5. A written request must be made to the DISTRICT and approved by the Board to reallocate funds between phases of the project. No other approval by the Lead Entity is required.
6. A written request must be made to the DISTRICT and a Supplemental Interlocal Contract approved by the Board to increase the total cost of the contract noted above prior to payment of any additional funds.

## **SECTION III - GENERAL**

1. The Clark County Regional Flood Control District shall be shown on the title sheet of both the plans and the specifications as the funding agency.
2. The CITY will use its best efforts to award the bid for this project by June, 2017. Prior to submission of the first payment request, the Entity will submit to the District a construction schedule and cash flow projection. The CITY will take all reasonable steps possible to avoid delays in the construction of DISTRICT funded projects. Project delays more than four months, as measured from the award date, may be subject to a formal review by both the Technical Advisory Committee and the Board. At the review, the CITY will have an opportunity to present information relative to the delays, measures taken to avoid the delays and the likelihood of those delays continuing. The Board will make a determination, in view of the delays and limited available funding, whether project funding should continue. In the case that the Board chooses to discontinue funding, the Board may cancel any Interlocal Contract(s) associated with the project and discontinue

funding for the remainder of the project. Funding already spent or appropriated by the CITY will not be required to be refunded to the DISTRICT. Project funding can be reconsidered at any time when the CITY can demonstrate that the project can proceed on an acceptable schedule.

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



- 15. The items covered in SECTION II - PROJECT COSTS must be completed to the satisfaction of the DISTRICT prior to February 9, 2019. The DISTRICT may, at any time thereafter, grant extensions or terminate this CONTRACT after thirty (30) days notice.

Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

\_\_\_\_\_  
 ATTEST:

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

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

Approved as to Form:

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

\*\*\*\*\*

Date of Council Action::

CITY OF BOULDER CITY

\_\_\_\_\_

\_\_\_\_\_  
 RODNEY WOODBURY, Mayor

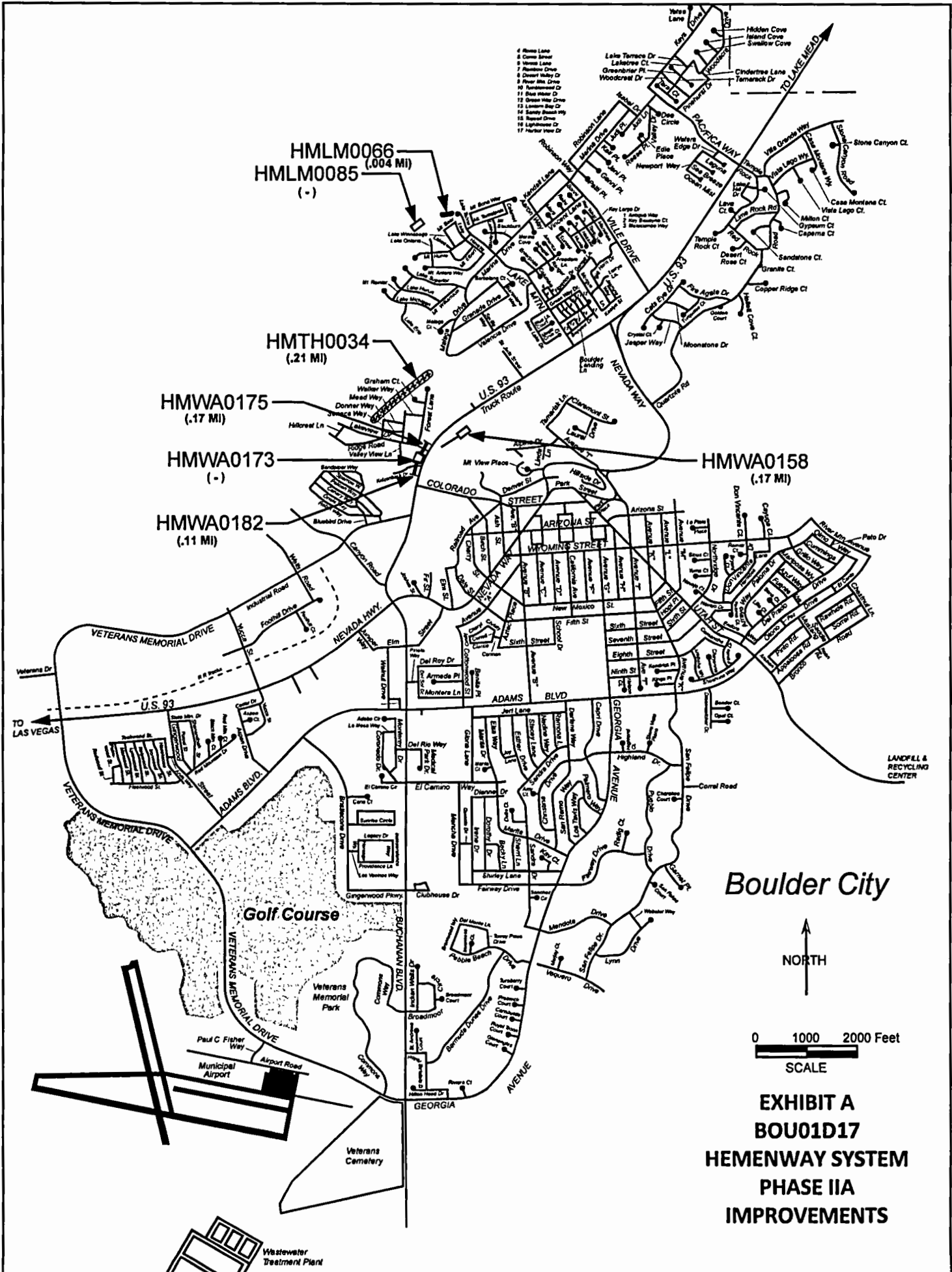
ATTEST:

\_\_\_\_\_  
 LORENE KRUMM  
 City Clerk  
 (Seal)

Approved as to Form:

\_\_\_\_\_  
 DAVE OLSEN, City Attorney





- 4 Roma Lane
- 5 Roma Lane
- 6 Roma Lane
- 7 Roma Lane
- 8 Desert Valley Dr
- 9 River Hill Dr
- 10 River Hill Dr
- 11 Blue Hill Dr
- 12 Desert Hill Dr
- 13 Sunset Hill Dr
- 14 Sunset Hill Dr
- 15 Sunset Hill Dr
- 16 Sunset Hill Dr
- 17 Sunset Hill Dr

HMLM0066  
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HMWA0173  
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HMWA0158  
(.17 MI)

Boulder City



0 1000 2000 Feet  
SCALE

**EXHIBIT A  
BOU01D17  
HEMENWAY SYSTEM  
PHASE IIA  
IMPROVEMENTS**

Golf Course

Veterans Memorial Park

Municipal Airport

Veterans Cemetery

Wastewater Treatment Plant

LANDFILL & RECYCLING CENTER

**CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT**

**AGENDA ITEM**

**SUBJECT:**

**2017 FLOOD SAFETY ADVERTISING CONTRACT**

**RECOMMENDATION SUMMARY**

**STAFF:** Approve.

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

**CITIZENS ADVISORY:** Approve.

**RFCD AGENDA  
ITEM #14  
DATE: 02/09/17**

CLARK COUNTY  
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

**SUBJECT:**  
2017 FLOOD SAFETY ADVERTISING CONTRACT

**PETITIONER:**

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

**RECOMMENDATION OF PETITIONER:**

THAT THE BOARD APPROVE AND AUTHORIZE THE CHAIRMAN TO SIGN THE PROFESSIONAL SERVICES CONTRACT WITH ROBERTSON PARTNERS FOR THE 2017 FLOOD SAFETY ADVERTISING CAMPAIGN; OR TAKE ACTION AS DEEMED APPROPRIATE (FOR POSSIBLE ACTION)

**FISCAL IMPACT:**

\$915,000

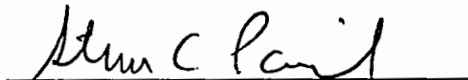
**BACKGROUND:**

R+W Advertising, now called Robertson Partners, was selected by the Board on November 8, 2012, after a request for proposals, to conduct the 2013 Flood Safety Advertising Campaign. That contract had four one-year options for renewal. This request is the fourth and final renewal option.

Staff recommends the board execute the fourth renewal option for the professional services contract with Robertson Partners for the 2017 Flood Safety Advertising Campaign. The professional services contract with Robertson Partners and the scope of work for the 2017 campaign is included in the backup and will be presented at the meeting. The amount of this contract is identical to the 2016 Flood Safety Advertising Contract.

The District Attorney has reviewed the contract. The FY 2016/17 budget includes sufficient funding for flood safety advertising services.

CAC AGENDA ITEM # 12 Date: 01/30/17	RFCD AGENDA ITEM # 14 Date: 02/09/17
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Steven C. Parrish, P.E.  
General Manager/Chief Engineer

## **2017 FLOOD SAFETY ADVERTISING SERVICES CONTRACT**

THIS CONTRACT is made and entered into as of the 9th day of February, 2017 by and between the Clark County Regional Flood Control District, hereinafter referred to as "DISTRICT"; and Robertson Partners, a business legally authorized to do business in the State of Nevada and Clark County, hereinafter referred to as "CONSULTANT."

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

**WHEREAS**, pursuant to Chapter 543 of the Nevada Revised Statutes, the DISTRICT desires to protect citizens of Clark County and prevent loss of life and property during flood events in Clark County; and

**WHEREAS**, Nevada Revised Statutes Section 543.510, Paragraph 2, authorizes the DISTRICT's Chief Engineer and General Manager to hire and retain agents and other persons necessary or desirable to effect the purposes of the DISTRICT; and

**WHEREAS**, a flood safety program is an important tool to protect lives and property from flooding.

**NOW, THEREFORE**, the DISTRICT and CONSULTANT agree to the following:

### **SECTION I – RESPONSIBILITY OF CONSULTANT**

- A. CONSULTANT shall be responsible for the professional quality, clerical accuracy, timely completion, and coordination of all services furnished by CONSULTANT, its subcontractors, sub-consultants, agents, and employees under this CONTRACT. In performing the specified services, CONSULTANT shall follow practices consistent with generally accepted professional and ethical standards.
- B. All work products are to be completed in conformance with all pertinent and current federal, state, and local statutes, codes, ordinances, resolutions, and any other applicable regulation at the time the work is performed.
- C. Any and all documents, art work, rights to art work, and other products prepared and/or submitted by CONSULTANT to the DISTRICT, and all information required of CONSULTANT by the CONTRACT, become the property of the DISTRICT. CONSULTANT may retain copies and reproducible copies of all documents produced as a result of the work. In the event of the termination of the CONTRACT, all documents produced shall be and become the property of the DISTRICT. CONSULTANT agrees to surrender all such documents to the DISTRICT in a timely manner at the request of the DISTRICT.

- D. CONSULTANT agrees that its officers and employees will cooperate with the DISTRICT in the performance of services under this CONTRACT and shall schedule meetings with DISTRICT employees at such reasonable times and with advance notice as to not conflict with other responsibilities.
- E. CONSULTANT agrees that it shall not enter collateral, artwork, or other products developed under this contract in any contest, award program, or the like without the written authorization of the DISTRICT.
- F. CONSULTANT agrees to obtain DISTRICT approval on all advertising materials prior to release. All materials are to be carefully inspected by the CONSULTANT for accuracy prior to presentation to DISTRICT for approval. DISTRICT review of material may be conceptual in nature and does not release the CONSULTANT from responsibility for accuracy of spelling, grammar, design, print checks, and other tasks which would reasonably be expected of a firm providing such advertising services.
- G. DISTRICT currently has a logo which needs to be utilized. No modifications to the logo will be allowed or accepted, except with prior written permission of the DISTRICT's General Manager.
- H. CONSULTANT shall perform the Basic Services as identified in Section III - SCOPE OF SERVICES (EXHIBIT 1 – SCOPE OF GENERAL CONTRACT SERVICES).

## **SECTION II – DISTRICT'S RESPONSIBILITIES**

- A. Officers and employees of the DISTRICT shall cooperate with CONSULTANT in the performance of services under this CONTRACT and will be available for consultation with CONSULTANT at such reasonable times with advance notice as to not conflict with other responsibilities.
- B. The services performed by CONSULTANT under this CONTRACT shall be subject to review and approval by the DISTRICT's General Manager. The General Manager may delegate any or all of the DISTRICT's responsibilities under this CONTRACT to appropriate staff members, and shall so inform CONSULTANT before the effective date of such delegation. It is understood that the DISTRICT's review does not relieve CONSULTANT from the responsibility for the professional and clerical accuracy of all work delivered under this CONTRACT.
- C. All information, data, reports, records, and maps as are existing, available, and in the DISTRICT's custody, and which are necessary to carry out the work shall be furnished to the CONSULTANT. The DISTRICT shall cooperate with CONSULTANT in every reasonable way during all phases of the SCOPE OF SERVICES in this CONTRACT.

### SECTION III – SCOPE OF SERVICES

CONSULTANT will develop and implement an advertising campaign program in order to promote flood safety to the residents of Clark County. The advertising services to be provided by CONSULTANT shall consist of the work described in EXHIBIT 1 – SCOPE OF GENERAL CONTRACT SERVICES and shall be performed in compliance with the schedule shown on EXHIBIT 2 – SCHEDULE OF TASK COMPLETION.

### SECTION IV – COMPENSATION AND TERMS OF PAYMENT

- A. The DISTRICT agrees to pay CONSULTANT for services performed under the EXHIBIT 1 – SCOPE OF GENERAL CONTRACT SERVICES tasks and on a “Time and Materials” basis in accordance with EXHIBIT 3 – SCHEDULE OF AGENCY SERVICES 2017. The maximum cost to the DISTRICT for all services under this CONTRACT shall not exceed Nine Hundred Fifteen Thousand Dollars (\$915,000), unless the DISTRICT receives a written request with justification and the DISTRICT approves in writing in advance of the services being provided for a change in scope and an increase in compensation. If a change is approved, a supplemental to this CONTRACT will be executed by both parties.
- B. The DISTRICT has allowed a maximum budget for each task contained in EXHIBIT 1 – SCOPE OF GENERAL CONTRACT SERVICES, as outlined below. The maximum budget amount for each task shall include any and all services associated with each particular task. CONSULTANT agrees not to exceed the budget amount for each task unless the DISTRICT’s General Manager receives a written request with justification and the DISTRICT’s General Manager approves in writing, in advance of the services being provided, a change in scope and an increase in compensation. Funds allocated for each task as set forth below must not be used for any other task unless approved in writing by the DISTRICT’s General Manager. The total cost of all tasks in the CONTRACT shall not exceed \$915,000, except as provided in Section IV-A of this CONTRACT.

<u>TASK</u>	<u>MAXIMUM BUDGET</u>
A. Outdoor	\$239,275
B. Print	\$100,125
C. Radio	\$106,125
D. Television	\$280,500
E. Digital/Interactive/E-Marketing	\$136,500
F. Smartphone App	\$ 30,000
G. Non-Traditional	\$ 20,000
H. Supplemental Services	\$ 2,475
MAXIMUM BUDGET TOTAL	\$915,000
(NOT TO EXCEED)	\$915,000

- C. CONSULTANT is to submit invoices to the DISTRICT for the work performed under the above listed tasks. The DISTRICT agrees to pay CONSULTANT the amount of the invoice within thirty (30) days following receipt of the invoice. In the event that the DISTRICT questions a portion of an invoice, payment will be made on that part not in question.

#### **SECTION V – TERMINATION**

This CONTRACT may be terminated by the DISTRICT upon thirty (30) calendar days' written notice to CONSULTANT. If said termination occurs prior to the completion of the services to be provided under this CONTRACT, CONSULTANT shall deliver to the DISTRICT all documents, computer diskettes, and all other work performed, whether complete or incomplete in a timely manner at the request of the DISTRICT. Thereafter, the DISTRICT will reimburse CONSULTANT for all services performed prior to such notice, provided the services are satisfactory to the DISTRICT. Termination shall be by written notice, which may be sent by registered mail or hand delivered to the address contained in this contract. Such notice will be deemed effective after the third business day of the mailing date, or if hand delivered such notice will be deemed effective upon receipt of the written termination to CONSULTANT.

#### **SECTION VI – MISCELLANEOUS PROVISIONS**

- A. In order to perform its duties as defined herein, CONSULTANT may, at its own expense, engage the services of outside agents. The DISTRICT will not be a party to any contract with outside agent and the total cost of this CONTRACT shall not be increased due to the utilization of an outside agent. Prior to engaging any outside agents, CONSULTANT shall request appropriate written authorization from the DISTRICT's General Manager.
- B. CONSULTANT acknowledges that the DISTRICT has an obligation to ensure that public funds are not used to subsidize private discrimination. CONSULTANT recognizes that if they or their subcontractors are found guilty by an appropriate authority of refusing to hire or do business with an individual or company due to reasons of race, color, religion, sex, sexual orientation, gender identity or gender expression, age, disability, national origin, or any other protected status, the DISTRICT may declare the CONSULTANT in breach of the CONTRACT, terminate the CONTRACT, and designate the CONSULTANT as non-responsible.
- C. Neither party may assign its rights and obligations pursuant to this CONTRACT without the written consent of the other party. The consent of a party to any assignment shall apply only to the incidents expressed and provided for in the written consent, and shall not be deemed a consent to any subsequent assignment. Subject to the foregoing, this CONTRACT inures to the benefit of, and is binding upon, successors and assigns of the parties hereto.

- D. CONSULTANT is an independent contractor. Nothing herein shall be construed to imply a joint venture or principal and agent relationship between the DISTRICT and CONSULTANT, and neither party shall have any right, power, or authority to create any obligation, express or implied, on behalf of the other.
- E. This CONTRACT shall be governed by and construed in accordance with the laws of the State of Nevada.
- F. The CONSULTANT shall obtain and maintain, for the duration of this CONTRACT, general liability insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the CONSULTANT, its agents, representatives, employees, or subcontractors of any tier. The cost of such insurance shall be at the CONSULTANT's own expense.

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

1. Each insurance company's rating as shown in the latest Best's Key Rating Guide shall be fully disclosed and entered on the required certificate of insurance. The adequacy of the insurance supplied by the CONSULTANT, including the rating and financial health of each insurance company providing coverage, is subject to the approval of the DISTRICT.
2. The DISTRICT, its officers and employees must be expressly covered as insureds except on workers' compensation insurance coverage.
3. The CONSULTANT's insurance shall be primary with respect to the DISTRICT, its officers, and employees. Any other coverage available to the DISTRICT, its officers, and employees shall be excess over the insurance required of the CONSULTANT.
4. The CONSULTANT's general liability insurance policy shall be endorsed to recognize specifically CONSULTANT's contractual liability to the DISTRICT. It is further agreed that the CONSULTANT or its Insurance Carrier shall provide the DISTRICT with 30-day advance written notice of any cancellation of the policies.
5. All deductibles and self-insured retentions shall be fully disclosed in the Certificates of Insurance. No deductible or self-insured retention may exceed \$10,000, without the written approval of the DISTRICT.



6. If aggregate limits are imposed on bodily injury and property damage, then the amount of such limits must not be less than \$2,000,000. All aggregates must be fully disclosed and the amount entered on the required certificate of insurance. CONSULTANT must notify the DISTRICT of any erosion of the aggregate limits.
7. General liability coverage shall be on a "per occurrence" basis only and not "claims made". The coverage must be provided either on a Commercial General Liability form or a Broad Form Comprehensive General Liability form. No exceptions to coverages provided in such forms are permitted. Policies must include, but need not be limited to, coverages for bodily injury, personal injury, Broad Form property damage, premises operations, severability of interest, products and completed operations, and contractual and independent contractors. General liability insurance policies shall be endorsed to include DISTRICT as additional insureds. Subject to Paragraph 6 of this subsection, CONSULTANT shall maintain limits of no less than \$1,000,000, combined single limit per occurrence for bodily injury (including death), personal injury, and property damages.
8. The CONSULTANT shall obtain and maintain, for the duration of this CONTRACT, automobile coverage which must include, but need not be limited to, coverage against claims for injuries to persons or damages to property which may arise from or in connection with the use of any auto in the performance of the work hereunder by the CONSULTANT, its agents, representatives, employees, or sub-consultants of any tier. Subject to Paragraph 6 of this subsection, CONSULTANT shall maintain limits of no less than \$1,000,000, combined single limit "per occurrence" for bodily injury and property damage.
9. If the CONSULTANT fails to maintain any of the insurance coverages required herein, then the DISTRICT will have the option to declare the CONSULTANT in breach, or may purchase replacement insurance or pay the premiums that are due on existing policies in order that the required coverages may be maintained. The CONSULTANT is responsible for any payments made by the DISTRICT to obtain or maintain such insurance and the DISTRICT may collect the same from the CONSULTANT or deduct the amount paid from any sums due the CONSULTANT under this CONTRACT.
10. The insurance requirements specified herein do not relieve the CONSULTANT of its responsibility or limit the amount of its liability to the DISTRICT or other persons and the CONSULTANT is encouraged to purchase such additional insurance as it deems necessary.
11. CONSULTANT is responsible for and required to remedy all damage or loss to any property, including property of DISTRICT, caused in whole or in part by the negligent or intentional acts or omissions of the CONSULTANT, CONSULTANT's sub-consultant, or anyone employed, directed, or supervised by

CONSULTANT.

- G. Regardless of the coverage provided by any insurance, CONSULTANT shall pay all costs necessary to defend and shall indemnify and hold harmless the DISTRICT from any and all claims, demands, actions, attorneys' fees, costs, and expenses based upon or arising out of any negligent or intentional acts or omissions of the CONSULTANT or its associates, employees, subcontractors, and other agents while performing services under this CONTRACT.
- H. This document shall not create any right in or benefit to parties other than the DISTRICT and CONSULTANT.
- I. The failure of either party to enforce, at any time or for any period of time, the provisions hereof shall not be construed as a waiver of such provisions or of the rights of such party to enforce each and every provision.
- J. Except as where specifically stated otherwise in this CONTRACT, all notices, requests, demands, and other communications required or permitted pursuant to this CONTRACT shall be made in writing and shall be deemed to have been duly given if personally delivered or deposited in the United States mail, first class postage, prepared and addressed as follows:

To DISTRICT: 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 89106-4511

To CONSULTANT: Scott Robertson, Partner & Creative Director  
Robertson Partners  
6061 South Fort Apache Road, Suite 100  
Las Vegas, Nevada 89148

Or to such other address as either party may specify by written notice given as provided herein to the other party.

- K. This is the 4<sup>th</sup> of 4 renewal options on this CONTRACT. This is the final optional 1-year period permitted under the CONTRACT.

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L. This CONTRACT shall be in effect from February 9, 2017 until February 8, 2018 unless terminated earlier by the DISTRICT pursuant to the terms of the CONTRACT.

Date of District Action:

REGIONAL FLOOD CONTROL DISTRICT

\_\_\_\_\_  
ATTEST

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

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

Approved as to Form:

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

Robertson Partners

By: \_\_\_\_\_  
SCOTT ROBERTSON  
Partner and Creative Director

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

**EXHIBIT 1 – SCOPE OF GENERAL CONTRACT SERVICES  
2017 REGIONAL FLOOD CONTROL DISTRICT ADVERTISING SERVICES**

**I. Media Objective**

Our media plan combines traditional media placement with some non-traditional creative approaches. The objective for this approach is to allow us to reach our identified audiences efficiently and effectively by utilizing specific, targeted media that engrosses, engages and allows for community interaction.

For example, the media plan is designed to reach community residents at multiple touch points prior to, and while operating, their vehicles. A multi-media approach, utilizing Outdoor, Radio, TV, Print, Interactive, Direct Mail and Non-traditional, will be executed with each medium selected to specifically target different demographics. This media mix will collectively broaden our reach and impact within the community. This plan is based on Scarborough research, Geoscape research, RFCDD survey information, market conditions and daily market opportunities.

The media plan will target the following audiences:

- General Market Residents
- Outlying Market Residents
- Motorists
- New Residents

**II. Media Strategies**

Flight Dates: June 2017 – October 2017

These media vehicles are designed to work together to maximize exposure of the flood safety message among all target audiences.

Planned Mediums:

- Outdoor
- Print
- Radio
- Television
- Digital/Interactive/E-Marketing
- Smartphone App Maintenance
- Ambient/Non-Traditional

### **III. Media Recommendations**

#### **A. Outdoor**

Outdoor is a primary focus in our work plan as it has proven to be extremely successful in reaching motorists at a key point in time while they are driving. Outdoor will remain a lead advertising medium.

Our 2017 plan will maintain the expansion of the outdoor campaign implemented in 2016. The outdoor strategy includes securing various types of outdoor options in numerous locations to promote flood safety including, but not limited to: high traffic static and rotary bulletins that reach both general and Hispanic market residents, gas pump toppers and window/floor clings at gas stations. The creative use of these media vehicles will deliver an impactful reach with diversified frequency. In addition, similar to 2016, we will add digital billboards to the mix to allow us to change the message to alert residents that rain is in the forecast and heavy-usage reach and frequency during critical times.

Outdoor is a vital component of our work plan and provides the following benefits:

- Las Vegas is a high transit and 24-hour market and outdoor is especially effective as it can communicate the flood safety message 24-hours a day, 7 days a week
- Outdoor has the ability to reach all designated target audiences; General Market, Hispanic, African American and Asian
- Outdoor provides the lowest cost-per-thousand reach of mass advertising mediums
- Outdoor can be posted in high-traffic and/or increased flood-danger areas to communicate the flood awareness message to large audiences where it is most critical
- Outdoor allows delivery to multiple household members simultaneously (e.g. each member of a family of four traveling in a car could ideally see an outdoor message).
- Outdoor allows delivery of our message at the most crucial time and to the most significant audience.

This combination of outdoor boards and other out-of-home tactics guarantees maximum market reach and frequency.

**BULLETINS (STATIC and DIGITAL)**

**Planned Quantity: approximately 20-25 Size: predominantly 14 x 48**

**Post Dates: 6/5 – 9/24**

**Estimated Planned Impressions: 65,000,000**

## GAS STATION

Planned Quantity: approximately 30

Size: Gas Pump Toppers, Floor/Window Clings Post Dates: 6/5 – 9/24

Estimated Planned Impressions: 42,406,200

### **B. Print**

#### **1. Ethnic Specialty Publications**

The Hispanic population has grown to nearly 30% of the market's total population. The Asian population is also growing with Filipinos now representing the largest Asian group at 50% of the total Asian population in Las Vegas. Increasing the frequency of our flood safety message is imperative but also communicating in a familiar way is essential. Research indicates newsprint is a top resource for ethnic consumers to receive their daily and weekly news. Source: HIS Global Insight Hispanic Market Monitor 2011.

#### **EL TIEMPO**

Published every Friday, El Tiempo is a community newspaper written by Hispanics, for Hispanics. Printed by the Las Vegas Review Journal, the newspaper has the largest circulation among Hispanic newspapers in our Valley, distributing in news racks in high-traffic locations along with home delivery.

Frequency: 8 weeks Ad Size: Full Page

Insertion Date: June - September Ad Size: ½ Page

Insertion Date: June - September

#### **EL MUNDO**

Distributed every Friday, El Mundo is the largest Hispanic owned publication in Nevada. El Mundo brings the latest local, national and international news, giving special emphasis to news stories that affect the Mexican, Central American and South American communities.

Frequency: 8 weeks Ad Size: Full Page

Insertion Date: June - September Ad Size: ½ Page

Insertion Date: June - September

#### **ASIAN JOURNAL**

Published every Thursday, Asian Journal is the leading newspaper with the largest and most consistent circulation reaching local Filipino-Americans. Placement includes added value exposure on their online mobile newspaper.

Frequency: 4 weeks

Ad Size: ½ Page  
Insertion Date: May – June

**2. Outlying Area Newspaper**

Weekly Newspapers to reach citizens of rural/outlying communities of Clark County who may not have exposure to our other advertising mediums are recommended.

**BOULDER CITY REVIEW (BCR)**

Published every Thursday and is available via home subscription and newsstands. The Review comprehensively covers Boulder City news, sports, events and community life.

Frequency: 8 weeks Ad Size: Full Page  
Insertion Date: June - August

**DESERT VALLEY TIMES (DVT)**

Published every Tuesday and Friday, this tabloid newspaper reaches residents in Mesquite, Overton and Logandale, Nevada as well as other parts of the Moapa and Virgin Valley.

Frequency: 8 weeks Ad Size: Full Page  
Insertion Date: May - August

**MOAPA VALLEY PROGRESS (MVP)**

Moapa Valley Progress is a weekly tabloid newspaper published every Wednesday covering the Clark County rural communities of Overton, Logandale, Moapa, Glendale, Warm Springs, Overton Beach Resort, Echo Bay, Mesquite and Bunkerville, Nevada. The Progress is distributed via subscribers and is also available in U.S. Post Offices, stores, newspaper stands, and visitor centers in those communities.

Frequency: 8 weeks Ad Size: Full Page  
Insertion Date: May - August

**MESQUITE LOCAL NEWS (MLN)**

Published each week on Thursday, this newspaper reaches residents in the Mesquite area. In addition, the publication is inserted in the Las Vegas Review Journal's local home delivery in the surrounding area.

Frequency: 8 weeks Ad Size: Full Page  
Insertion Date: May - August

### LAUGHLIN NEVADA TIMES

Distribution: Published every Wednesday, this newspaper reaches residents of Laughlin via home subscription and is available at newsstands in surrounding areas.

Frequency: 8 weeks Ad Size: Full Page

Insertion Date: May - August

### 3. **New Resident Magazine**

Thousands of new residents arrive in the valley each month. With Clark County's population beginning to grow again, targeting newcomers is a necessary component of our work plan. The following media vehicles are specifically designed to reach this increasingly vital audience.

### RELOCATING TO LAS VEGAS

The Relocating to Las Vegas reaches prospective Clark County residents prior to relocating. The packages are also available for purchase through the Las Vegas Chamber of Commerce.

Frequency: 4 times per year Ad Size: Full Page

Insertion Date: Spring, Summer, Fall, Winter

### C. **Radio**

Radio plays a dual role in the marketing campaign. While it supports the outdoor campaign, it also reaches our audience during peak driving times. All radio stations in the Las Vegas market will be available, spots will be concentrated weekdays from 6 a.m. – 6 p.m. Additionally, traffic/weather sponsorships will be considered.

Planned Flight Weeks: June 12, 2017 – September 24, 2017 Ad Unit: 15 and 30-seconds

Planned Dayparts: Morning, Mid-day and Evening drive times, evening, weekend

Planned Spots: 100 per week

Reach Goal: 85-90% of Adults 18 years old - 54 years old

### D. **Television**

Television has played an important role in the paid media arena over the past several years of the Flood Safety Advertising Campaign. Still ranked as the most-mentioned source for learning about flood hazards in the most recent survey, maintaining a high level of television exposure is recommended.

We will continue to advertise on local broadcast stations and cable, contingent on negotiated cost per points. In conjunction with local TV stations, we also believe it is necessary to continue the presence on local Hispanic television. The television schedule includes heavy use of local news. In addition to our TV spots, we are exploring opportunities for weather sponsorships for increased exposure during relevant content.



Planned Flight Weeks: June 19, 2017 – September 24, 2017 Ad Unit: 30-second spots

Planned Dayparts: Monday-Sunday: early morning, early fringe, prime access, primetime, evening news, late news and late night

Planned Spots: Approximately 75 spots per week Reach: 85-90% of Adults 18 years old - 54 years old

**E. Digital/Interactive/E-Marketing**

The interactive plan will have various touch points to align with synergistic (weather) content as well as ad networks for additional reach. Pandora/Spotify will be considered as an extension of the radio and interactive plans to further target the young adult audience.

Interactive tactics:

Anchor the plan with the use of top performing weather sites

- Weather Triggered campaign, to run pre-storm and during rain-storms throughout the campaign

Increase exposure by running on a top premium local site exchange/ad network

- Engage users when they are online and on mobile devices within Clark County
- Increase reach and engagement by using a unique mix of high-impact and standard IAB banners, geo-targeted to Clark County

Extend the reach of traditional radio by adding audio streaming partners such as Pandora and/or Spotify.

Website Development:

Maintenance, hosting, and appropriate updates and upgrades for BeLakeFriendly.com and BeFloodSafe.com websites. This includes content management, database management, e-marketing fulfillment program, and downloadable certification program assets.

**F. Smartphone App Maintenance**

Robertson+Partners will continue to manage the usage and quality assurance of FloodSpot as well as ease-of-use on client backend through a newly added Parse server CMS. This new system will be closely monitored to assess its efficacy and user experience for client. We will continue to address user feedback submitted in the app stores and app compatibility for latest devices and operating systems. We

will also closely investigate integrated 3rd party technology to ensure continued compliance with app store guidelines.

New initiatives include:

1. A more comprehensive analytics reporting system
2. Additional functionality added to Parser server CMS for better client app management process
3. Social feeds integrated into apps
4. Appropriate public-facing messaging in-app discouraging distracted driving

#### **G. Ambient/Non-Traditional**

A method to increase our overall reach was the production of RFCD Canvas Bags. The eco-friendly bags have been extremely successful since 2008. The continued success has been due to the outstanding partnerships our agency has formed with the Farmer's Markets, Mariana's, and large events like Art Festival and Kids Mix. We will continue this program again in 2017 with the focus of partnering with local convenience stores that have the highest levels of foot traffic, public transportation traffic and lastly, reach motorists.

Air fresheners are another successful tactic that was implemented a few years back. This concept came about after narrowing down the most effective way to reach motorists. Having our message in the vehicle at the time of a flood is unquestionably most effective. A distribution partnership with Auto Insurance America was developed and has allowed for over 30,000 flood safety air fresheners to reach the hands of motorists. In 2013, we added Terrible Herbst car wash locations as an air freshener distribution partner. Terrible Herbst also agreed to play our 30-second public service announcement on the gas station pump tops, which allowed us to reach numerous motorists. We will once again produce air fresheners in 2017 and continue our partnerships.

In 2014, we created and produced a FloodSpot mascot costume to promote flood safety awareness. In 2017, the mascot will attend various CCSD schools and events to create engagement within the community. Any expenses incurred will be to obtain b-roll of the Mascot to use for PR initiatives and social media platforms.

#### **H. Supplemental Services**

Additional budget allocation for unexpected production expenditures (i.e. billboard vinyl tear, mascot cleaning, etc).

## EXHIBIT 2 – SCHEDULE OF TASK COMPLETION 2017 REGIONAL FLOOD CONTROL DISTRICT ADVERTISING SERVICES

		FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN
<b>Media Size</b>													
<b>BASIC SERVICES</b>													
<b>OUT OF HOME</b>													
Static Bulletins	14x48			Production			Post - 6/5 - 9/24						
Digital Billboards	14x48			Production			Post - 6/5 - 9/24						
Storage													
Gas Station (includes production) Creative Services				Production			Post - 6/5 - 9/24						
<b>PRINT</b>													
<b>Ethnic Newspaper</b>													
El Mundo	FP4C			Production									
El Mundo	1/2P4C			Production									
El Tiempo	FP4C			Production									
El Tiempo	1/2P4C			Production									
Asian Journal	1/2P4C			Production									
<b>Outlying Newspaper</b>													
Boulder City Review	FP4C			Production									
Desert Valley Times	FP4C			Production									
Moapa Valley Progress	FP4C			Production									
Mesquite Local News	FP4C			Production									
Laughlin Nevada Times	FP4C			Production									
Relocating to Las Vegas Creative Services	FP4C	Winter	Production	Spring	Production	Summer	Production	Fall	Production	Winter			
<b>RADIO</b>													
ENGLISH / SPANISH AM/FM Flood Safety Creative Services	:15/:30					6/12 - 9/24							
<b>TV</b>													
Weather Sponsorship ENGLISH / SPANISH Creative Services	:30 Spons			Production		6/12 - 9/24							
<b>INTERACTIVE</b>													
Display/Mobile/SMS BeFloodSafe.com Creative Services	various		Production			6/12 - 9/24							
Smart Phone App Creative Services			Production										
<b>Ambient/Non-Traditional</b>													
Vinyl Tote Bag Auto Air Fresheners B-Roll / Schools and Press Conf Creative Service Storage/Delivery			Production		Production		Production						
Production													
Agency Services													
Advertising Weeks (flood Safe)													
Unpaid Media													
Storage & Delivery													

## EXHIBIT 3 - SCHEDULE OF AGENCY SERVICES 2017

### I. General:

Our proposed fee/billing arrangement for the RFCD Flood Safety Advertising Services contract will be as follows: creative and account services billed at our reduced blended hourly rate of \$125/hour, with media and outside production billed with a standard agency commission of 15% of the gross.

### II. Basic Services as shown in Exhibit 1

A. Outdoor	\$ 239,275
B. Print	\$ 100,125
C. Radio	\$ 106,125
D. Television	\$ 280,500
E. Digital/Interactive/E-Marketing	\$ 136,500
F. Smartphone App Maintenance	\$ 30,000
G. Ambient/Non-Traditional	\$ 20,000
H. Supplemental Services	<u>\$ 2,475</u>
<b>Total Basic Services</b>	<b>\$ 915,000</b>

15. **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. Comments will be limited to three minutes. Please step up to the speaker's podium, clearly state your name and address and please **spell** your last name for the record. If any member of the Regional Flood Control District Board of Directors wishes to extend the length of a presentation, this will be done by the Chairman, or the Regional Flood Control District Board of Directors by majority vote.

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