

TEN-YEAR CONSTRUCTION PROGRAM

REGIONAL FLOOD CONTROL DISTRICT



**FISCAL YEAR 2013
THROUGH
FISCAL YEAR 2022**

**GALE WM. FRASER, II. P.E.
GENERAL MANAGER/CHIEF ENGINEER**

**ADOPTED
JUNE 14, 2012**

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

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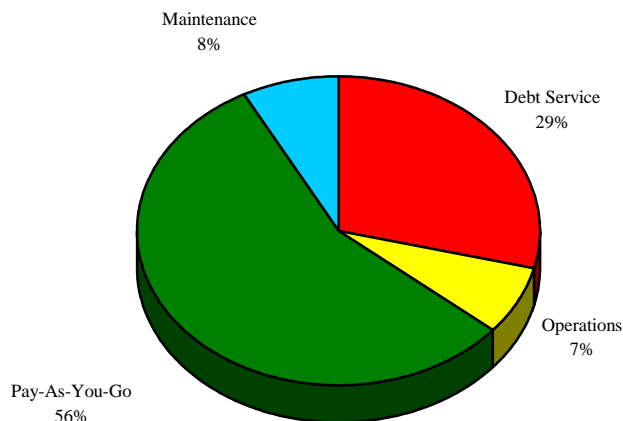
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Capital Improvement Program

The District staff maintains a listing of projects proposed for funding in the next ten-year period. The Ten-Year Construction Program (TYCP) is updated annually and is approved by the Board after review by the Technical and Citizens Advisory Committees. In addition to the TYCP, the District's Chief Engineer with assistance, cooperation and approval of the Technical Advisory Committee, prepares a list of projects proposed for funding during the upcoming fiscal year. The fiscal year project list, after approval by the Board, constitutes the Capital Improvement Program for the District in the ensuing fiscal year. The fiscal year project list and the updated TYCP presented in this document were approved on June 14, 2012, for Fiscal Year 2012-13. Board approval of the TYCP and the fiscal year project list does not authorize funding of any project and does not commit the District to expend any funds.

Typical Annual Expenditures



The TYCP consumes all revenues that the District receives that are not allocated to Operations (Fund 2860), Debt Service (Fund 3300), or the Maintenance Work Program (Fund 2870). A pie chart representing the typical annual expenditures for a fiscal year is depicted above. The TYCP revenues are derived from the $\frac{1}{4}\%$ Sales Tax and interest revenues commonly known as the Pay-As-You-Go Program. Sales Tax funds the District's Pay-As-You-Go Program in Fund 4430 and is used to retire debt issued for flood control projects accounted for in Fund 4440. These two funds are used to separate debt funding from Pay-As-You-Go funding in order to accurately account for debt proceeds. Since May 1987, the date the first $\frac{1}{4}\%$ Sales Tax Revenues were received and projected through the end of June 2012, the District has received over \$1,285,749,411 in Sales Tax Revenues. Additionally, the District has issued \$80,000,000, \$150,000,000, \$200,000,000, and \$150,000,000 in General Obligation Bonds/Notes, secured by Sales Tax Revenue, which were sold in November 1991, September 1998, September 2003, and June 2009 respectively, to expedite projects. The District has funded over \$1,392,977,823 in projects through May 2012.

FISCAL YEAR 2013 THROUGH FISCAL YEAR 2022 TYCP

The TYCP is an estimate of when funding will be requested. Available revenues for the TYCP are estimated to be \$531,644,995, which includes a debt issuance of \$75,000,000 reprogrammed in Year 1. A debt issuance of \$75,000,000 million was programmed in FY 2010-11 and FY 2011-12 to fund infrastructure. But, by the end of FY 2011-12, a sufficient number of projects had not come forward for construction funding to support the sale of the bond issue. Programming of debt is not a guarantee that the debt will be issued. The District will evaluate whether to issue the debt based on economic conditions and progress in project development.

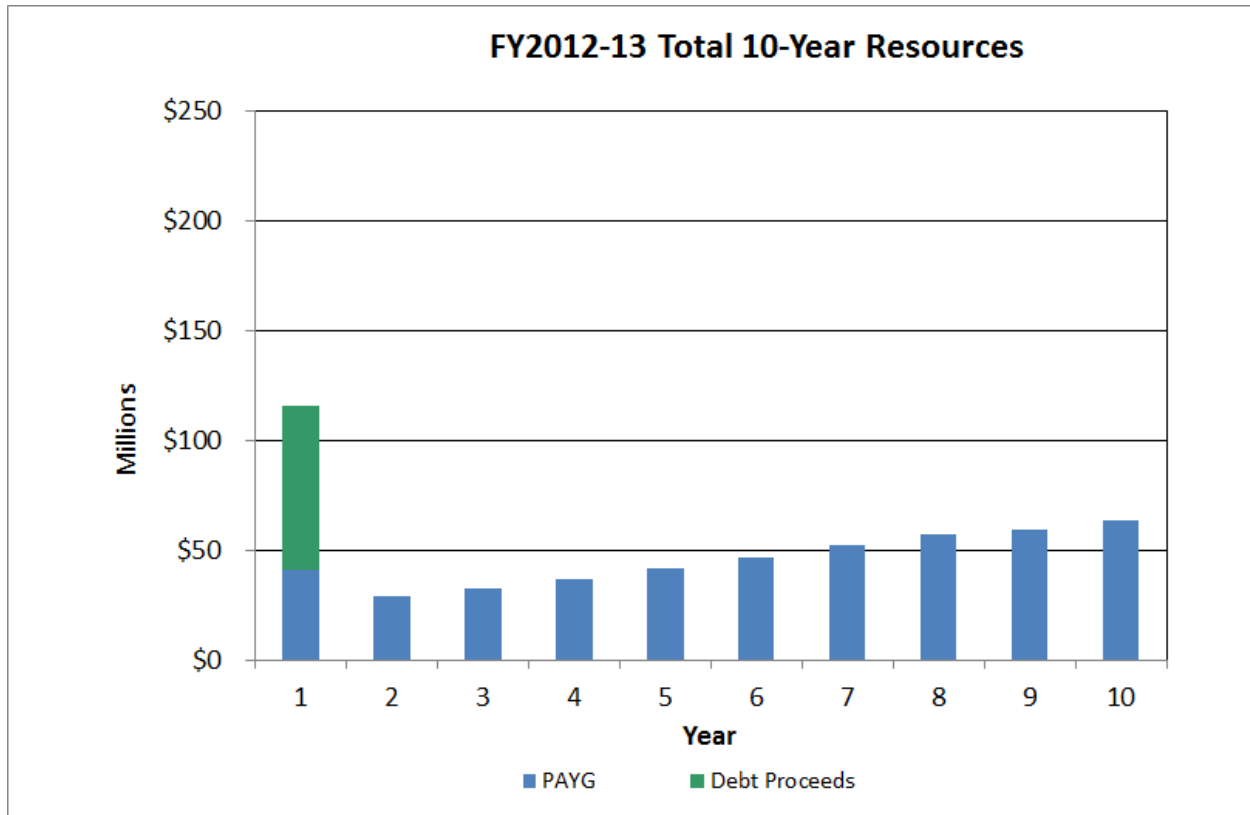
REGIONAL FLOOD CONTROL DISTRICT – FY 2013 THROUGH FY 2022

Sales Tax growth for Year 1 is based on a 3.0% growth rate from prior years' revised budget (\$75,100,000), a 4.8% growth rate for Year 2, a 5.4% growth rate for Year 3 and Year 4 a 5.5% growth rate for Year 5 and Year 6, a 4.3% growth rate for Year 7, a 4.2% growth rate for Year 8 and Year 9, and a 4.1% growth rate for Year 10.

The TYCP also includes inflation factors to account for increases in project costs over time. Construction, right-of-way, and design costs are: 0% for FY 2012-13; 1% for FY 2013-14; 2% per year for FY 2014-15, FY 2015-16 and FY 2016-17; 3% for FY 2017-18; and 3% per year for the out years. Funding of projects in the first year of the TYCP is dependent on revenues being received as projected. There is no guarantee that the project will be funded in the year that it is programmed to request funding. A project may be delayed to future years based on actual receipt of revenues and issuance of debt, resulting in adjustments to the entire TYCP.

REGIONAL FLOOD CONTROL DISTRICT – FY 2013 THROUGH FY 2022

The chart below depicts the total resources projected over the next ten year period from Sales Tax Revenue and future debt issuance that could be used to finance design and construction of flood control facilities.

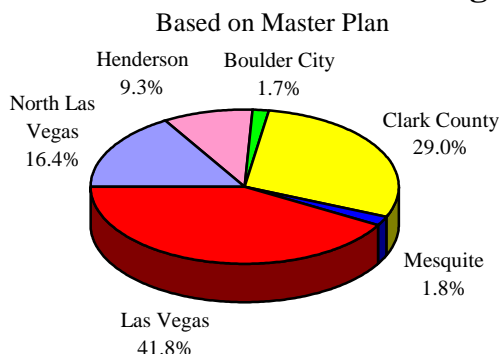


Flood control projects are fairly standard in nature and typically follow a design time of 1-2 years and a construction time of 2-3 years. The minimum level of expenditures for assets to be classified as capital assets for the District is \$5,000.00 and we comply with all adopted GAAP requirements. The design and construction periods for District projects cross multiple fiscal years and unexpended funding is carried forward. The District's budgeted expenditures for the TYCP tie to the capital outlay budget for each fund. The budgeted resources for the District's capital funds during FY 2012-13 are: \$123,395,959 for Fund 4430 and \$117,280,227 for Fund 4440 which includes previously approved and new projects planned for FY 2012-13.

The target funding percentages for each hydrographic area were established based on a proportionate share of the sum of the cost of funded projects and proposed Master Plan facilities. The Master Plan costs were obtained from the estimates contained in the various Master Plan Updates that have been adopted. The most recent are the Master Plan Updates for: the Las Vegas Valley adopted by the Board on September 11, 2008; the City of Boulder City adopted by the Board on May 15, 2008; the Town of Bunkerville adopted by the Board on September

13, 2007; the City of Mesquite adopted by the Board on August 9, 2007; the Town of Laughlin adopted by the Board on March 12, 2009; the Muddy River and Tributary Washes adopted by the Board on February 10, 2011; and the Outlying Areas of Clark County adopted by the Board on March 12, 2009. The costs of funded projects were derived from the financial reports at the date of adoption of each Master Plan Update. Exhibit A shows the costs of flood control facilities by hydrographic area and the entity to which the area is assigned. The pie chart on this page indicates the percent of revenues which should be spent in each entity based on need as measured by the cost of flood control facilities identified on the Master Plans. This ensures an equal rate of implementation of flood control infrastructure within each hydrographic area over time.

Prorated Share of Funding



In November 2000, the District's Board of Directors approved the implementation of Entity Advance Funding (EAF) for flood control projects that meet the District's criteria for construction funding when funds are not yet available. This allows an entity (City or County) to advance construction funding and advertise and award a construction contract for the project ahead of the scheduled date that the District would have funds available. The Board amended the EAF policies on May 15, 2003. Through an Interlocal Contract, the District and Entity agree to a date that the District will reimburse the entity and a set dollar amount for the project. The EAF process has a \$40 million cap; requires that the project be programmed in the first three (3) years of the TYCP in the amount of the request; and the agreed reimbursement date must not exceed five (5) years from the date the Interlocal Contract is approved. These policies keep future revenues and obligations manageable. Current and future EAF contract funds will be programmed in accordance with the conditions of the contract.

In some cases funds are available from another source to allow a construction project to proceed in advance of the District having funding available. When an alternate source of funding is willing and able to facilitate immediate construction of a project the Board may consider a Resolution of Intent to reimburse the funding source at an agreed upon time and amount. The funds for reimbursement are programmed in accordance with the conditions of the Resolution.

REGIONAL FLOOD CONTROL DISTRICT – FY 2013 THROUGH FY 2022

Maintenance Work Program

The Board has adopted an Operations and Maintenance Program to provide funding of, and establish performance standards and guidelines for, the maintenance of flood control facilities located in the District's service area. The Program provides funding for entities to maintain flood control facilities within their respective jurisdictions to assure that facilities included in the Master Plan are maintained in a manner that maximizes their useful life and ensures their operation at design capacity during a storm event.

Subsequently, the District worked with the entities to develop the Maintenance Work Program (MWP) to be consistent with the requirements outlined in the Operations and Maintenance Manual. Work is performed using a combination of private contractors and entity maintenance staff. Approximately 573 miles of channel and underground storm drains, of which 130 miles are natural washes, are inspected and/or maintained throughout Clark County, along with 90 detention basins.

Projected Maintenance Work Program funding for the TYCP period is depicted in the following chart:

Fiscal Year	Factor	TYCP MWP Funding Projection	
2013	Approved Budget	\$	10,000,000
2014	0.0%	\$	10,000,000
2015	0.0%	\$	10,000,000
2016	0.0%	\$	10,000,000
2017	0.0%	\$	10,000,000
2018	0.0%	\$	10,000,000
2019	0.0%	\$	10,000,000
2020	0.0%	\$	10,000,000
2021	17.0%	\$	11,695,762
2022	7.5%	\$	12,261,673
Total estimated maintenance over 10 years		\$	\$103,957,435

Local Drainage Program

During the 2001 Nevada Legislative Session, the District proposed several changes to NRS 543 – Control of Floods. Senate Bill 267 passed during the session and amended NRS 543 to allow the District to implement a Local Drainage Program. On November 8, 2001, the Board of Directors adopted amendments to the District's Policies and Procedures Manual, which included a definition of a local drainage project and set the procedures for entities minimum eligibility requirements; established funding guidelines for local drainage projects; and identified project initiation procedures.

During the eleventh year of this program, the District has budgeted \$500,000 for Local Drainage projects. Projected Local Drainage Program funding for the TYCP is depicted in the chart on the next page.

In Fiscal Year 2009, the District funded in Clark County, Carey Avenue Storm Drain (estimated completion date of April 2013).

In Fiscal Year 2010, the District funded in Clark County, Olive Street Storm Drain, US-95 to Palm Street (estimated completion date of November 2012).

In FY 2012, two new local drainage projects were funded by the District. The District funded in Clark County, Annie Oakley Drive at Rawhide Channel Storm Drain (estimated completion date of December 2012) and in the City of Las Vegas, Concord Street Storm Drain (estimated completion date of February 2013).

REGIONAL FLOOD CONTROL DISTRICT – FY 2013 THROUGH FY 2022

Projected Local Drainage Program funding for the TYCP period is depicted in the following chart:

Fiscal year	Factor	TYCP Local Drainage Budget Projection	
2013	Approved Budget	\$	500,000
2014	0.0%	\$	500,000
2015	0.0%	\$	500,000
2016	0.0%	\$	500,000
2017	0.0%	\$	500,000
2018	0.0%	\$	500,000
2019	0.0%	\$	500,000
2020	0.0%	\$	500,000
2021	0.0%	\$	500,000
2022	2.0%	\$	510,903
Total estimated local drainage over 10 years		\$	5,010,903

The TYCP presented in this document represents the District's and Entities work plan for the coming years.

Project Prioritization

Annually, during review and development of the TYCP, the relative priority of Master Plan projects are reviewed and the priority of projects are assessed. Exhibit B presents a tabulation of the priority values for all Las Vegas Valley flood control facilities included in the TYCP. The criteria used in the evaluation of projects as prescribed in the District Policies and Procedures Section II.B.3 is presented below. Items a) through d) recognize life safety issues and are weighted accordingly in this regard:

- a) **Population Affected**
Refers to the existing population affected by the construction of the project considered. Impact includes reducing flood hazards.
- b) **Assessed Land Value Impacted**
Assessed land values for developed and undeveloped land affected by the project, including all structures (public, commercial, or residential) will be reviewed. Impact on land values related to a reduction of the floodplain area will be considered under this item.
- c) **Public Perception of Need**
The project will be evaluated in terms of satisfying the public's desire to see their money spent on "worthwhile" projects and the public's perception of need.
- d) **Emergency Access and Public Inconvenience**
The project will be evaluated to determine its impact on the access of emergency vehicles including police, ambulance, and fire vehicles to their respective substation, hospital, or station. The evaluation will include an assessment of the project's contribution to the development of an all-weather transportation system and accessibility to flood isolated residences, businesses, and public facilities.
- e) **Cost Avoidance**
Cost avoidance includes projects which will reduce future costs, including potential damage, construction of oversized facilities, and the ability to construct. This item should also address other costs associated with lost opportunity and the risk associated with inadequate or undersized facilities.
- f) **Availability of Other Funding Sources**
This includes an evaluation of the potential for funds from grants, developers, the Corps of Engineers, and other public and private interests. Additional funding sources shall include but are not limited to land donated by private developers and the Bureau of Land Management.

- g) **Interrelationship to Other Projects**
Projects which score high on this criterion can function independently or are needed to complete or increase the effectiveness of the existing regional and local drainage system.
- h) **Timing and Implementation**
All aspects of timing and implementation should be considered under this item including availability of right-of-way, permit review if necessary, and ability to administer and begin a project in a reasonable time-frame.
- i) **Environmental Enhancement**
Evaluation of this criterion includes benefits derived from improving or mitigating the threat to public health resulting from stagnant water, erosion, raw sewage spills, and contamination of the domestic water supply. It also includes, if applicable, information on the project's enhancement of habitat, recreational opportunities, and water quality.
- j) **Annual Maintenance Cost**
Projects which will rank high on this criterion have a lower maintenance cost than those facilities now in existence or will reduce maintenance costs downstream.

Priority values are calculated by each lead entity within their respective hydrographic areas. It should be noted that priority values may not necessarily be relative from one hydrographic area to another.

Ten-Year Construction Program

The proposed TYCP totals \$528,214,962 and is presented as Exhibit C. The estimated cost of facilities presented in the Master Plans for all of Clark County is \$3,976,215,191. Therefore, this TYCP constitutes approximately 13% of total Master Plan facility costs. The TYCP project locations are shown on the attached maps. A summary of the proposed program, along with major accomplishments for each entity follows.

HENDERSON

Pittman Wash Planning Area and
C-1 Channel Planning Area

A summary of the proposed program, along with major accomplishments for the City of Henderson is shown in the attached map labeled “Pittman Wash and C-1 Channel Planning Area.” Henderson projects completed or funded for construction since 1987 include:

Black Mountain (Southwest C-1) Detention Basin

Located at the base of Black Mountain

Blackridge Road Storm Drain System, Local Drainage Project

Boulder Highway Channel

Bridges over Pittman Wash

At Warm Springs Road, Stephanie Street, and Green Valley Parkway

C-1 Channel, Middle Reach

C-1 Channel/Middle & Upper Reaches, Phase I (Burkholder Boulevard to Boulder Highway)

C-1 Channel, Upper & Middle Reaches – Vermillion Drive to Boulder Highway

C-1 Channel, US-95 Tributary 1

C-1 Equestrian Tributary

Gibson Channel Culvert at Sunset Road

Gibson Conveyance System

East C-1 Detention Basin

Situated in a narrow canyon within the River Mountains funded and constructed by the Southern Nevada Water Authority

Henderson (continued)

Equestrian Detention Basin and Collection Channel

Equestrian Detention Basin Outfall – Heritage Channel

Mission Hills Detention Basin and C-1 Channel

From Lake Mead Drive to Burkholder Boulevard

Mission Hills Western Interceptor

From Pacific Avenue to the Mission Hills Detention Basin

McCullough Hills Detention Basin

Designed by the Del Webb Corporation as a joint use recreation facility as part of their Anthem project

Northeast Detention Basin, Levee and Outfall

Pioneer Detention Basin

Pioneer Detention Basin Expansion and Inflow

Pioneer Detention Basin/Outfall, Phase I

From Warm Springs Road to Sunset

Pittman Eastern Detention Basin

Pittman Park Detention Basin

A joint use recreation facility

Pittman Park Peaking Basin Modification

Pittman Pecos West Conveyance and Eastern Avenue Tributary

Pittman Railroad East Conveyance

Pittman Railroad, MacDonald Ranch Channel

Pittman Wash

From I-515 to Santiago Road: Phase I, II, and IIIA

Pittman Wash – Burns

Pittman Wash – Gibson

Pittman Wash Railroad Channel (Phase I)

Henderson (continued)

Pittman Wash Railroad Channel, US-95 to Major Avenue

Pittman Wash, UPRR to Santiago

Union Pacific Railroad Channel

From Pittman Wash to Eastern Avenue

District funding since 1987 for the projects plus design efforts on future projects total approximately \$156,137,408.

The projects proposed on the TYCP in hydrographic basin order with Priority Value (PV) include the following:

Pittman Burns – Pittman West Horizon – Palm Hills (PV = 97.5)

PTWH 0032 – This project consists of an open channel along the west side of the Palm Hills development located west of Horizon Ridge Parkway and north of Mission Drive. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$0.70 million for this project.

Pittman Burns – Galleria to Boulder Highway (PV = 99.0)

PTSU 0000 – This project consists of a double 10' x 8' reinforced concrete box culvert and open channel that will collect storm flows at the intersection of Sunset Road and Boulder Highway and convey them to the existing Weisner Channel near Burns Road and Galleria Drive. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$4.0 million for this project.

Pittman Burns – Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road (PV = 97.0)

PTHR 0104, 0139, 0140, 0150 & 0203 through 0205 – This project consists of a 2.5 acre-foot debris basin located approximately one-half mile south of Horizon Ridge Parkway and an 84-inch diameter concrete outfall pipe and concrete channel from the debris basin to Sumner Ranch Road. A Master Plan Amendment is currently in process to revise the debris basin to a detention basin and decrease the size of the outlet facilities. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$2.5 million for this project.

Pittman Beltway – Anthem Parkway Channel – Horizon Ridge to Sienna Heights (PV = 98.0)

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$2.2 million for this project.

Henderson (continued)

Lower Pittman – Pittman MacDonald Ranch Debris Basin (PV = 94.5)

PTMR 0400 through 0480 – This project consists of a 17 acre-foot debris basin located approximately .75 mile south and east of the Sunridge Heights and Canyon Heights intersection. The outfall facilities consists of a 12' X 8' reinforced concrete box and open channel. Design and Right-of-Way Acquisition are programmed in FY 15/16. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$3.6 million for this project.

Lower Pittman – Whitney Wash Channel (PV = 94.0)

WWDC 0069 – This project consists of an open concrete channel connecting two existing reaches providing better collection of flood flows upstream of an existing development near Sunset Road and Stephanie Street. Design is underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$2.6 million for this project.

Lower Pittman – Pittman Wash Duck Creek at I-515 (PV = 96.5)

PTDC 0074 – This project consists of the addition of two 10' x 8' reinforced concrete box culverts to the existing structure under I-515 at Pittman Wash. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$1.8 million for this project.

Upper Pittman – Pittman North Detention Basin Outfall – St. Rose to Spencer (PV = 86.5)

PTNO 0000 through 0073 – This project consists of a reinforced concrete box culvert ranging in size from 6' x 5' to 8' x 5' located parallel to St. Rose Parkway from Spencer to Executive Airport. Design and Right-of-Way Acquisition are programmed in FY 19/20. The TYCP includes approximately \$2.1 million for this project.

Upper Pittman – Pittman North Detention Basin Outfall (PV = 96.0)

PTNO 0180 – This project consists of a 72" reinforced concrete pipe from the Pittman North Detention Basin to St. Rose Parkway at Executive Airport. Design and Right-of-Way Acquisition are programmed in FY 14/15. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$5.1 million for this project.

Upper Pittman – Pittman North Detention Basin (PV = 95.0)

PTNO 0181 through 0183 – This project consists of completion of a 600 acre feet detention basin subsequent to completion of gravel extraction mining currently underway. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$2.5 million for this project.

Upper Pittman – Pittman North Detention Basin to Larson Lane (PV = 93.5)

PTSD 0000 through 0043 – This project consists of concrete channel and a 25' x 8' reinforced concrete box culvert along Bermuda Road extending from Larson Lane to the Pittman North Detention Basin. Design and Right-of-Way Acquisition are programmed

Henderson (continued)

in FY 16/17. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$4.1 million for this project.

Upper Pittman – Pittman, Larson Lane – Las Vegas Blvd. to Bermuda Rd. (PV = \$4.5)

PTLA 0000 through 0126 – This project consists of an open channel and 12' x 6' reinforced concrete box culvert along Larson Lane extending from Bermuda Road to Las Vegas Boulevard. Design and Right-of-Way Acquisition are programmed in FY 21/22. The TYCP includes approximately \$1.3 million for this project.

C-1 – Center Street Storm Drain (PV = 95.5)

C1CT 0000 through 0048 – This project consists of storm drain ranging in size from 72-inch diameter to 10' x 4' reinforced concrete box culvert in Center Street extending from Fir Street to Lake Mead Drive. Design is underway. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$3.5 million for this project.

C-1 – Racetrack Channel – Drake to Burkholder (PV = 98.5)

C1RT 0001 through 0041 – This project consists of approximately one half mile of concrete channel invert in the existing Racetrack Channel from Drake Street to Burkholder. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$2.3 million for this project.

C-1 – Four Kids Wash – Lake Mead to Eagle Rock Road (PV = 97.0)

C1FK 0040 – This project consists of open channel extending from Lake Mead Drive to Eagle Rock, east of Galleria Drive. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$0.50 million for this project.

C-1 – C-1 Channel, SNWA Drop Structure to Lake Mead (PV = 93.0)

C1CH 0161 – This project consists of open channel improvements for C-1 Channel extending from Lake Mead Drive to the existing SNWA drop structure. Design and Right-of-Way Acquisition are programmed in FY 17/18. Construction funding is programmed in FY 20/21. The TYCP includes approximately \$5.2 million for this project.

C-1 – Equestrian Detention Basin Expansion (PV = 98.0)

C1EQ 0160 – This project consists of expansion of the existing Equestrian Detention Basin from 409 acre feet to 544 acre feet and modifications to the existing spillway. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$0.90 million for this project.

Henderson (continued)

C-1 – Equestrian Tributary, Phase II (PV = 100.0)

C1E1 0044 – This project consists of 12' x 4' reinforced concrete box culvert in Appaloosa Road from Latigo Drive to Equestrian Drive. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$3.5 million for this project.

The funding programmed for the C-1 Channel and Pittman Wash Planning Areas in Henderson totals approximately \$48.4 million on the TYCP.

LAS VEGAS

Upper Northern Las Vegas Wash Planning Area
Gowan Planning Area and
Central Basin Planning Area

Projects being undertaken within these planning areas are being administered by either Las Vegas, North Las Vegas, or Clark County. A summary of the proposed program, along with major accomplishments for the City of Las Vegas is shown on the attached map labeled “Gowan, Central, and Upper Northern Basins Planning Area”. City of Las Vegas projects completed or funded for construction since 1987 include:

Alta Parallel System

Alta Storm Drain

Part of the Meadows Detention Basin Collection System

Angel Park Detention Basin Expansion

Angel Park Outfall Storm Drain

Vegas Drive between Angel Park Detention Basin and the Buffalo Channel

Ann Road Detention Basin Facilities

Bruce Street Storm Drain, Local Drainage Project

Buffalo Channel

Between Gowan Detention Basin and Doe Avenue

Carey Avenue/Lake Mead Detention Basin and Conveyance System

Located along Lake Mead Boulevard between I-15 and Michael Way

Cheyenne Channel

Gowan South Detention Basin to Buffalo Drive

Cheyenne Crossings

Developer participation project at Rampart, Soft Breezes, and Soaring Gulls

Colorado Avenue System

Clark County is the Lead Entity

Concord Street Storm Drain, Local Drainage Project

Crystal Water Way, Lake South Drive to Desert Inn Road, Local Drainage Project

Durango Drive Storm Drain

Between Charleston Boulevard and Angel Park Detention Basin

Las Vegas (continued)

Elkhorn Springs & Buffalo Storm Drain

Freeway Channel – Charleston Lateral

Gilmore Avenue – Decatur Boulevard to Thom Boulevard Storm Drain, Local Drainage Project

Gowan Detention Basins

The North and South Detention Basins are joint use recreation facilities

Gowan Detention Basin Outfall

- Storm drain located in Gowan Road between Tenaya Way and Decatur Boulevard
- Decatur Boulevard to the Western Tributary of the Las Vegas Wash - City of North Las Vegas is the Lead Entity

Gowan Lone Mountain System – Branch 4

Gowan/Lone Mountain System – Gilmore Channel

Gowan Lone Mountain System – Cliff Shadows Park

Gowan North – Buffalo Branch

Gowan North – Buffalo Branch (Cheyenne Avenue to Lone Mountain Road)

Gowan North – Buffalo Branch (Gowan Road and Buckskin Avenue)

Gowan North Channel, El Capitan Way to the Beltway

Gowan North Channel – Phases I & II

Northern Gowan Detention Basin to Durango including the Durango Branch

Gowan North System – Phase III: Alexander Road to Lone Mountain Road

Gowan Outfall, Craig Road to Channel

North Las Vegas is the Lead Entity

Gowan Outfall – Lone Mountain Branch, Decatur Boulevard to Channel

Gowan Outfall, Lone Mountain Branch (Ferrell Street to Kenny Way)

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

Las Vegas (continued)

Grand Teton Overpass – Storm Drain

Holmby Channel, Local Drainage Project

Horse Drive Interchange

I-15 Freeway Channel

Portion constructed as part of the Nevada Department of Transportation (NDOT) I-15/Sahara Avenue Interchange project in 1995. The Freeway Channel System, Alta Drive to Sahara Avenue and Bypass Facilities (from Wall Street to Sahara Avenue) were completed in August 2002.

Jay Avenue Improvements, Local Drainage Project

Jones Boulevard – Alta to Borden Storm Drain, Local Drainage Project

Langtry Channel – Bonanza Road to Washington Avenue

Las Vegas Creek Channel, Parallel System at Decatur Boulevard

Las Vegas Creek Channel, Parallel System

Las Vegas Wash – Decatur Boulevard (Elkhorn Road to Farm Road)

Las Vegas Wash – Decatur & Elkhorn, CC 215

Las Vegas Wash – Elkhorn Road, Rainbow Boulevard to Torrey Pines Drive

Las Vegas Wash – Jones Boulevard, Elkhorn Road to Farm Road

Las Vegas Wash – Rainbow (Elkhorn Road to Grand Teton Drive)

Las Vegas Wash, Rancho Drive System (Carey/Lake Mead Detention Basin to Peak Drive)

Las Vegas Wash – Smoke Ranch System (Peak Drive: Torrey Pines Drive – Jones Boulevard)

Lone Mountain Detention Basin

Right-of-Way Acquisition, Environmental Mitigation, and Construction Engineering

Lone Mountain System – Lone Mountain Detention Basin Outfall to Durango Drive

Meadows Detention Basin and Collection System

Las Vegas (continued)

Meadows Detention Basin Expansion

North & South Environmental Enhancement Areas – Floyd Lamb Park

Oakey Boulevard Detention Basin and Outfall

Oakey Boulevard & Tenaya Way Storm Drain, Local Drainage Project

Oakey Drain, Birch Street to Cahlan Drive

Oakey Drain – Cahlan to Barnard

Oakey – Meadows Storm Drain, Phase I

Oakey Meadows Storm Drain – Phase II

Owens Avenue System (Rancho Drive to I-15)

Peak Drive, Rainbow Boulevard to Torrey Pines Drive, Local Drainage Project

Peak Drive System (Jones Boulevard to Michael Way)

Rampart Storm Drain

Project in conjunction with the Regional Transportation Commission of Southern Nevada (RTC)

Rancho Detention Basin, Phase II

Rancho Road System: Durango Drive US-95 Interchange

Rancho Road System – El Campo Grande Storm Drain

Vegas Drive Storm Drain – Rancho to Shadow Mountain

Washington Avenue System

Las Vegas Creek from Las Vegas Wash beneath Sandhill Road to Washington Avenue then along Washington Avenue to Sagman Street; Sagman Street to Bonanza Road; Bonanza Road to Veterans Memorial Drive; Veterans Memorial Drive to UPRR; and UPRR to Alta Drive (southeast quadrant of the Spaghetti Bowl).

Washington Avenue System (Martin Luther King Boulevard to I-15) and Freeway Channel North (Washington Avenue to Vegas Drive)

Las Vegas (continued)

District funding since 1987 for the projects plus design efforts on future projects totals approximately \$508,954,815.

The projects proposed on the TYCP in hydrographic basin order with Priority Value (PV) include the following:

Central – Freeway Channel – Washington, Valley View Boulevard to Decatur Boulevard (PV = 83.0)

LV15 0602 – This project consists of dual 66-inch diameter reinforced concrete pipes in Washington Avenue extending from Michael Way to Langtry Drive. Design is programmed in FY 21/22. The TYCP includes approximately \$0.53 million for this project.

Central – Freeway Channel – Washington, Rancho Drive to Valley View Boulevard (PV = 83.0)

LV15 0528 – This project consists of an 8' x 7' reinforced concrete box culvert in Washington Avenue extending from Langtry Drive to Rancho Road. Design is programmed in FY 19/20 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$7.6 million for this project.

Central – Freeway Channel – Washington, MLK to Rancho Drive (PV = 83.0)

LV15 0424, 0472 and 0474 – This project consists of an 8' x 6' reinforced concrete box culvert in Washington Avenue extending from Rancho Road to Martin Luther King Blvd. and dual 66-inch diameter reinforced concrete pipes in Tonopah Drive extending from Mills Circle to Washington Avenue. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$7.8 million for this project.

Central – Las Vegas Wash – Charleston Boulevard to Cedar Avenue (PV = 83.5)

LVMD 1071 through 1121 – This project consists of open channel improvements extending from Charleston Boulevard to Stewart Avenue. Design is underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$9.2 million for this project.

Central – Oakey – Meadows Storm Drain (PV = 84.0)

MEOK 0150 through 0217 – This project is the third and final phase of the Oakey Meadows facility. The Oakey Meadows Project follows a stair stepped path to the southwest from Valley View Boulevard and Alta Drive to Sahara Avenue and Decatur Boulevard. Phase one includes the facility from Valley View Boulevard and Alta Drive to Charleston Boulevard and Hinson Street. Phase two extends the facility constructed with phase one to the west and south to Decatur Boulevard and Del Rey Avenue. The third phase will complete the facility by extending it south to Sahara Avenue and Decatur Boulevard. Construction of phases one and two are complete. Construction is

Las Vegas (continued)

programmed in FY 16/17 for phase three (MEOK 0150 through 0217). The TYCP includes approximately \$11.8 million for this project.

Central – Cedar Avenue Channel – Charleston Boulevard (PV = 77.5)

CACN 0001 – This project consists of a 10' x 9' reinforced concrete box culvert in Pecos Road extending from Stewart Avenue to the Cedar Avenue Channel. Design is programmed in FY 19/20. The TYCP includes approximately \$0.28 million for this project.

Central – Cedar Avenue Channel – Stewart Avenue (PV = 77.5)

CNST 0000 – This project consists of an 8' x 7' reinforced concrete box culvert in Stewart Avenue extending from Mojave Road to Pecos Road. Design is programmed in FY 19/20. The TYCP includes approximately \$0.25 million for this project.

Central – Owens Avenue East – Las Vegas Wash to Mojave Road (PV = 77.0)

LVOE 0000 – This project consists of a 15' x 12' reinforced concrete box culvert in Owens Avenue extending from Mojave Road to Las Vegas Wash. Design is programmed in FY 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$15.4 million for this project.

Central – Owens Avenue East – Mojave Road to Eastern Avenue (PV = 77.0)

LVOE 0085 – This project consists of a 13' x 12' reinforced concrete box culvert in Owens Avenue extending from Eastern Avenue to Mojave Road. Design is programmed in FY 19/20. The TYCP includes approximately \$0.53 million for this project.

Central – Boulder Highway Sahara Avenue – Mojave Road to Boulder Highway (PV = 81.0)

BHSA 0000 – This project consists of a 14' x 10' reinforced concrete box culvert in Sahara Avenue extending from Mojave Road to Boulder Highway. Funds are programmed in FY 12/13 to complete an alternative analysis and design is programmed in FY 16/17 upon completion of the alternative analysis. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$3.9 million for this project.

Central – Boulder Highway Sahara Avenue – Eastern Avenue to Mojave Road (PV = 81.0)

BHSA 0026 – This project consists of a 14' x 11' reinforced concrete box culvert in Sahara Avenue from Eastern Avenue to Mojave Road. Design is programmed in FY 17/18 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$11.3 million for this project.

Central – Sahara Avenue – Eastern Lateral (PV = 81.0)

SAEA 0000 – This project consists of a 10' x 8' reinforced concrete box culvert in Eastern Avenue extending from St. Louis Avenue to Sahara Avenue. Design is

Las Vegas (continued)

programmed in FY 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$2.9 million for this project.

Central – Boulder Highway Sahara Avenue – Maryland Parkway to Eastern Avenue (PV = 81.0)

BHSA 0075 – This project consists of a 12' x 11' reinforced concrete box culvert in Sahara Avenue extending from Maryland Parkway to Eastern Avenue. Design is programmed in FY 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$14.0 million for this project.

Central – Boulder Highway Sahara Avenue – Las Vegas Boulevard to Maryland Parkway (PV = 81.0)

BHSA 0175 – This project consists of a 14' x 14' reinforced concrete box culvert in Sahara Avenue from Las Vegas Boulevard to Maryland Parkway. Design is programmed in FY 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$20.5 million for this project.

Central – Las Vegas Wash – Bonanza – Las Vegas Wash to Lamb Boulevard (PV = 79.0)

LVBZ 0000 – This project consists of a dual 12' x 7' reinforced concrete box culvert in Bonanza Road extending from Lamb Boulevard to Las Vegas Wash. Design is programmed in FY 19/20. The TYCP includes approximately \$0.76 million for this project.

Central – Flamingo – Boulder Highway North, Main Street (PV = 80.5)

FLBN 0342 – This project consists of a 7' x 4' reinforced concrete box culvert in Main Street extending from Wyoming Avenue to Charleston Boulevard. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$7.5 million for this project.

Gowan North – Angel Park North – Detention Basin (PV = 82.0)

APNO 0001 – This project consists of expansion of the existing Angel Park North Detention Basin from 1,400 acre feet to 1,512 acre feet and construction of an additional spillway. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$9.1 million for this project.

Gowan North – Gowan Outfall – El Capitan Branch, Lone Mountain to Washburn (PV = 70.0)

GOEC 0000 through 0026 – This project consists of reinforced concrete box culvert ranging in size from 10' x 7' to 10' x 8' in El Capitan Way extending from Lone Mountain Road to Washburn Road. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$5.1 million for this project.

Las Vegas (continued)

Gowan North – Gowan Outfall – El Capitan Branch, Washburn to Ann Road (PV = 70.0)

GOEC 0051 through 0076 – This project consists of reinforced concrete box culvert ranging in size from 10' x 6' to 10' x 7' in El Capitan Way extending from Washburn Road to Ann Road. Design is programmed in FY 19/20. The TYCP includes approximately \$0.34 million for this project.

Gowan North – Gowan Outfall – Rancho, Craig to Alexander (PV = 79.5)

GOAL 0100 through 0111 – This project consists of 10' x 8' reinforced concrete box culvert in Rancho Road extending from Craig Road to Alexander Road. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$6.9 million for this project.

Upper Northern LV Wash – Ann Road – Rancho Road System – Fort Apache to Grand Canyon (PV = 78.0)

RCHB 0275 – This project consists of a 7' x 6' reinforced concrete box culvert in Elkhorn Road extending from Grand Canyon Drive to Fort Apache Road. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$3.2 million for this project.

Upper Northern LV Wash – Ann Road – Rancho Road System – Grand Canyon to Hualapai Way (PV = 78.0)

RCHB 0295 – This project consists of a 7' x 6' reinforced concrete box culvert in Elkhorn Road extending from Hualapai Way to Grand Canyon Drive. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$3.8 million for this project.

Upper Northern LV Wash – Ann Road – Rancho Road System – Beltway to Echelon Point (PV = 83.0)

RCHB 0227 – This project consists of an 11' x 8' reinforced concrete box culvert along CC 215 and Fort Apache Road to Echelon Point Drive. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$3.1 million for this project.

Upper Northern LV Wash – Ann Road – Rancho Road System – Echelon Point to Elkhorn Road (PV = 83.5)

RCHB 0250 – This project consists of an 11' x 8' reinforced concrete box culvert in Fort Apache Road extending from Elkhorn Road to Echelon Point Drive. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$5.3 million for this project.

Las Vegas (continued)

Upper Northern LV Wash – Ann Road Channel West – Rainbow Boulevard (PV = 82.5)

ANRB 0000 – This project consists of a reinforced concrete box culvert ranging in size from 11' x 5' to 10' x 3' in Rainbow Boulevard extending from approximately El Campo Grande Avenue to Ann Road. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$4.8 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Centennial Parkway Channel West – U.S. 95, Deer Springs to Elkhorn Road (PV = 82.5)

CN95 0000 – This project includes a concrete open channel along the west side of US-95 from Deer Springs Way to Elkhorn Road. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$3.5 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Centennial Parkway Channel West – U.S. 95, Elkhorn Road to Durango Drive (PV = 82.5)

CN95 0068 – This project includes a triple barrel 8' x 7' reinforced concrete box culvert along the west side of US-95 from Elkhorn Road to Durango Drive. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$10.0 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Centennial Parkway Channel West – CC 215, Pioneer to U.S. 95 (PV = 82.5)

CNWE 0301 through 0304 – This project includes open channel improvements and a 32' x 10' reinforced concrete box culvert along the north side of CC 215 from the Pioneer Way alignment to US-95. Design will be completed by Nevada Department of Transportation. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$15.1 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Centennial Parkway Channel West – U.S. 95, CC 215 to Deer Springs (PV = 82.5)

CNWE 0325 – This project includes a 32' x 10' reinforced concrete box culvert along the west side of US-95 extending from CC 215 to Deer Springs Way. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$9.0 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Brent Drainage System – Durango Drive to El Capitan Way (PV = 78.5)

BRDB 0107 through 0157 – This project consists of a 12' x 6' reinforced concrete box culvert in El Capitan Way extending from Iron Mountain Road to Brent Lane and an 8' x 6' reinforced concrete box culvert in Brent Lane extending from El Capitan Way to Durango Drive. Design is programmed in FY 16/17 and construction funding is

Las Vegas (continued)

programmed in FY 19/20. The TYCP includes approximately \$6.4 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Brent Drainage System – Floyd Lamb Park to Durango Drive (PV = 78.5)

BRDB 0043 – This project consists of an 8' x 6' reinforced concrete box culvert in Brent Lane extending from Durango Drive to the South Environmental Enhancement Area. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$4.1 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Las Vegas Wash – Grand Teton, Mountain Spa to Durango Drive (PV = 80.5)

LVMD 2632 through 2789 – This project consists of a reinforced concrete box culvert ranging in size from 6' x 5' to 18' x 5' in Grand Teton Drive extending from Durango Drive to just west of Rainbow Boulevard. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$15.9 million for this project.

The funding programmed for the Upper Northern Las Vegas Wash, Central Basin and Gowan Planning Areas in Las Vegas totals approximately \$219.8 million on the TYCP.

NORTH LAS VEGAS
Lower Northern Las Vegas Wash Planning Area
Range Wash Planning Area and
Lower Las Vegas Wash Planning Area

Projects being undertaken within these planning areas are being administered by either North Las Vegas, Las Vegas, or Clark County. A summary of the proposed program, along with major accomplishments for the City of North Las Vegas is shown on the attached map labeled “Lower North, Range, and Lower Las Vegas Wash Basins Planning Area”. Projects completed or funded for construction since 1987 include:

“A” Channel Three Bridges Project (Cheyenne Avenue, Las Vegas Boulevard, and Carey Avenue)

Ann Road, Allen Lane to Rancho Drive
Las Vegas is the Lead Entity

Camino Al Norte Crossing
Part of the Western Tributary of the Las Vegas Wash (first developer participation contract with the District)

Centennial Parkway Channel East

Cheyenne Peaking Basin, Collection and Outfall – Alexander Road to Cheyenne Avenue

Confluence Detention Basin
Clark County is the Lead Entity

Freeway Channel – Owens Avenue to Miller Avenue – Phase I and Phase II

Kyle Canyon Detention Basin

Las Vegas Wash Improvements and King Charles Diversion Project
From I-15 to Craig Road

Las Vegas Wash – Las Vegas Boulevard to Cheyenne Avenue

Las Vegas Wash – Losee Road

Las Vegas Wash Main Branch – Las Vegas Boulevard to Lake Mead Boulevard

Lower Las Vegas Wash Detention Basin
A joint use recreation facility

North Las Vegas (continued)

Rancho Road System - Centennial Parkway to Rancho Road Detention Basin

Las Vegas is the Lead Entity

Range Wash – Lamb Boulevard Storm Drain

Simmons Street Channel

Simmons Street – Phase II, Carey to Cheyenne

Sloan Channel, Las Vegas Wash to Charleston Boulevard

Clark County is the Lead Entity

Sloan Channel - Stewart Avenue to Charleston Boulevard

Clark County is the Lead Entity

Tributary to the Western Tributary at Alexander Road

Tributary to the Western Tributary at Craig Road (“A” Channel Craig Confluence)

Tropical Parkway Channel East

Upper Las Vegas Wash

Upper Las Vegas Wash Detention Basin and Diversion Dike

Located on the Las Vegas Wash at the upstream area of the Las Vegas Valley

Upper Las Vegas Wash, Craig Road to Elkhorn Road (Phase I – Centennial Parkway to Craig Road)

Vandenberg Detention Basin

Washington Collection System

Clark County is the Lead Entity

West Range Wash Diversion Dike

Western Tributary of the Las Vegas Wash

Camino Al Norte to Centennial Parkway (excluding the reach between the Lower Las Vegas Wash Detention Basin and Clayton Street)

Western Tributary of the Las Vegas Wash

From Alexander Road to north of Craig Road

North Las Vegas (continued)

District funds since 1987 for the projects plus design efforts on future projects total approximately \$247,388,190.

Projects proposed on the TYCP in hydrographic basin order with Priority Value (PV) include the following:

Lower Northern Las Vegas Wash – Lower Western Tributary – Las Vegas Boulevard Drain (PV = 83.0)

LVLV 0000 – This project consists of a double barrel 10' x 9' reinforced concrete box culvert in Las Vegas Boulevard extending from Pecos Road to Las Vegas Wash. Design is programmed in FY 19/20 and Right-of-Way Acquisition is programmed in FY 20/21. The TYCP includes approximately \$1.4 million for this project.

Lower Northern Las Vegas Wash – Lower Western Tributary – Colton Channel I-15 to Fifth Street (PV = 91.5)

LVCL 0000 – This project consists of reinforced concrete box culverts ranging in size from 9' x 6' to 12' x 6' in Colton Avenue from Fifth Street to I-15 Freeway Channel. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$3.5 million for this project.

Lower Northern Las Vegas Wash – Lower Western Tributary – Brooks Channel (PV = 83.5)

LVBR 0000, 0005, 0011, 0014, and 0026 – This project consists of a concrete channel and a reinforced concrete box culvert at North Fifth Street. The facility begins at the east end of Mayflower Avenue and extends east to the I-15 corridor. Design is underway. Right-of-Way Acquisition and construction funding are programmed in FY 12/13. The TYCP includes approximately \$0.50 million for this project.

Lower Northern Las Vegas Wash – Lower Western Tributary – Las Vegas Wash – N Channel, Cheyenne to Gowan (PV = 80.0)

LVNC 0038 – This project consists of channel improvements to the N Channel extending from Gowan Road to Cheyenne Avenue. Design and Right-of-Way Acquisition are programmed in FY 12/13. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$1.3 million for this project.

Lower Northern Las Vegas Wash – Las Vegas Wash Craig – Fifth Street Collector – Centennial Parkway to Deer Springs (PV = 81.0)

LV5C 0000 and 0002 – This project consists of a reinforced concrete box culvert ranging in size from 10' x 6' to 15' x 6' in North Fifth Street extending from Deer Springs Way to Centennial Parkway. Design is programmed in FY 12/13 and Right-of-Way Acquisition is programmed in FY 13/14. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$4.4 million for this project.

North Las Vegas (continued)

Lower Northern Las Vegas Wash – Las Vegas Wash Craig – Ann Road Channel East, Las Vegas Wash to Fifth Street (PV = 82.0)

ANEA 0008 and 0040 – This project consists of a reinforced concrete box storm culvert ranging in size from 8' x 7' to 10' x 7' in Ann Road extending from North Fifth Street to a confluence with the Upper Las Vegas Wash Channel. Design is underway. Right-of-Way Acquisition is programmed in FY 12/13. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$6.4 million for this project.

Lower Las Vegas Wash – Las Vegas Wash, Sloan Channel to Flamingo Confluence (PV = 81.5)

LVMD 0883 and 0911 – This project consists of a new 120-foot wide bridge structure at the Desert Rose Golf Course and channel improvements extending from Sloan Lane to approximately 500-feet west of the Sloan Channel Confluence with Las Vegas Wash. Design is programmed in FY 12/13. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$3.0 million for this project.

Range Wash – Lower Range – Range Wash – Alto Conveyance, Confluence DB to Los Feliz (PV = 74.0)

RWAL 0000 through 0068 – This project consists of open channel improvements along the Alto Avenue alignment extending from the Confluence Detention Basin to Los Feliz Street. Design is programmed in FY 18/19 and Right-of-Way Acquisition is programmed in FY 19/20. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$4.8 million for this project.

Range Wash – Lower Range – Orchard Collector – Charleston Boulevard to Linden Avenue (PV = 93.0)

SLOR 0158 – This project consists of a soil cement lined levee that will extend north from Charleston Boulevard along the base of Sunrise Mountain to the Linden Avenue alignment. This facility will collect flows draining east off the mountain and convey them south to the Orchard Detention Basin located south of Charleston Boulevard. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$0.20 million for this project.

Range Wash – Lower Range – Owens Detention Basin and Outfall (PV = 85.5)

SLWA 0130 through 0175 & SLOW 0000 through 0005 – This project consists of an 88 acre foot detention basin, spillway, collection facilities and an outfall pipe ranging in size from 24" to 48" in diameter located east of Hollywood Boulevard and south of Owens Avenue. Design is programmed in FY 15/16 and Right-of-Way Acquisition is programmed in FY 16/17. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$5.4 million for this project.

Range Wash – West Range – Beltway Detention Basin & Channel (PV = 86.5)

RWRR 0107 through 0221 – This project consists of a 226 acre foot detention basin, spillway, and an outfall structure including a 24" diameter reinforced concrete pipe,

North Las Vegas (continued)

6' x 6' reinforced concrete box culvert and rip rap channel located along the west side of the Union Pacific Railroad, south of the northern Beltway. Design is programmed in FY 14/15 and Right-of-Way Acquisition is programmed in FY 15/16. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$5.0 million for this project.

Range Wash – West Range – Centennial Collector (PV = 82.0)

RWCC 0000 – This project includes a 10' x 7' reinforced concrete box culvert in Centennial Parkway extending from Palmer to Pecos Road. Design is programmed in FY 12/13 and Right-of-Way Acquisition is programmed in FY 13/14. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$2.3 million for this project.

Range Wash – West Range – Vandenberg North Detention Basin, Collection & Outfall (PV = 87.0)

RWWE 0397 through 0439 – This project includes a 290 acre foot detention basin and spillway located at Centennial Parkway and Pecos Road with associated collection channels extending east of the basin. The outfall is a 24" reinforced concrete pipe in Pecos Road to Centennial Parkway. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$11.0 million for this project.

Range Wash – West Range – Beltway Collection System – Pecos Road (PV = 79.5)

RWWE 0463 and RWBW 0000 – This project consists of a 12' x 9' and a 9' x 6' reinforced concrete box culvert located along the north side of the Northern Beltway at Pecos Road. Design is programmed in FY 16/17 and Right-of-Way Acquisition is programmed in FY 17/18. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$6.7 million for this project.

Range Wash – East Range – Hollywood System, Las Vegas Blvd to Azure (PV = 82.0)

RWHW 0173 through 0201 – This project consists of a reinforced concrete box culvert ranging in size from 10' x 8' to 12' x 10' in Hollywood Boulevard extending from Azure Avenue to Las Vegas Boulevard near the Las Vegas Motor Speedway. Design and Right-of-Way Acquisition are programmed in FY 17/18. Construction funding is programmed in FY 20/21. The TYCP includes approximately \$12.8 million for this project.

Range Wash – East Range – Hollywood System, Azure to Speedway #2 Detention Basin (PV = 82.0)

RWHW 0277 through 0412 – This project consists of upgrading two existing retention basins to detention basins with volumes of 77 acre-feet and 245 acre-feet, respectively, open channel improvements, 9' x 8' reinforced concrete box culvert and 78-inch diameter reinforced concrete pipe along Hollywood Boulevard extending from Azure

North Las Vegas (continued)

Avenue to the north side of I-15 near the Las Vegas Motor Speedway. Design is programmed in FY 18/19 and Right-of-Way Acquisition is programmed in FY 19/20. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$9.1 million for this project.

Range Wash – East Range – Speedway North Detention Basin (PV = 82.0)

RWHW 0500 – This project consists of an 843 acre feet detention basin located north of the Union Pacific Railroad near the Las Vegas Motor Speedway. Design is programmed in FY 15/16 and Right-of-Way Acquisition is programmed in FY 16/17. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$4.7 million for this project.

The funding programmed for the Lower Northern Las Vegas Wash, Range Wash, and Lower Las Vegas Wash Planning Areas in North Las Vegas totals approximately \$82.5 million on the TYCP.

CLARK COUNTY

Duck Creek/Blue Diamond Planning Area
Tropicana/Flamingo Planning Area
Outlying Areas

A summary of the proposed program, along with major accomplishments for Clark County within the Las Vegas Valley is shown on the attached map labeled “Flamingo, Tropicana, Duck Creek, and Blue Diamond Planning Area”. Projects completed or funded for construction since 1987 include:

Las Vegas Valley:

Annie Oakey Drive at Rawhide Channel Storm Drain, Local Drainage Project

Blue Diamond Channel, Jones Branch

Blue Diamond Channel – Rainbow Branch

Blue Diamond Wash South Rainbow, Pebble – Raven and Wigwam to Ford

Blue Diamond Wash Wigwam, Jones Boulevard to Rainbow Boulevard

Blue Diamond Wash Wigwam, UPRR to Jones Boulevard

Carey Avenue Storm Drain, Local Drainage Project

Desert Inn Detention Basin Collection System and Outfall

Duck Creek at Robindale Road

Duck Creek, Broadbent Boulevard Bridge and Channel

Duck Creek, Broadbent Boulevard to Boulder Highway

Duck Creek, Eldorado Lane to Spencer Street

Duck Creek, Emerald Avenue to Stephanie Street, Phase I

Duck Creek, Lower Detention Basin to Silverado Ranch Boulevard

Duck Creek, Mountain Vista Street to Green Valley Parkway

Duck Creek, Phase II and Lower Pittman

Duck Creek, Railroad Detention Basin

Clark County (continued)

Duck Creek, Railroad near Warm Springs to Topaz Street

Duck Creek, Robindale to I-215

Duck Creek, Tomiyasu Lane to the Railroad near Warm Springs

Duck Creek, Tomiyasu Lane to Topaz Street

Duck Creek, Topaz Street to Eastern Avenue

Duck Creek, US-95 Branch

Durango Collector

Flamingo – Boulder Highway North, Sahara Avenue to Flamingo Wash

Flamingo Diversion – Jones Branch

Flamingo Diversion – South Buffalo Branch, Flamingo Wash to Sunset Road

Flamingo Hacienda

Flamingo Wash, Algonquin Drive to Maryland Parkway

Flamingo Wash, Nellis Boulevard to I-515

Flamingo Wash at Boulder Highway

Flamingo Wash Bridges

At Arville, Eastern, Paradise, and Palo Verde

Flamingo Wash, Boulder Highway to Mojave Road (Miracle Mile)

Flamingo Wash, Desert Inn to Eastern Avenue

Flamingo Wash, I-515 to Boulder Highway

Flamingo Wash, Spencer Street Bridge and Approach Channel

Hickam Avenue Storm Drain, Local Drainage Project

Lakes Detention Basin, Collection, and Outfall System

A joint use recreation facility

Clark County (continued)

Las Vegas Blvd/Serene Avenue Storm Drain, Local Drainage Project

Lower Blue Diamond Detention Basin

Lower Blue Diamond Detention Basin Collector Channel

Lower Blue Diamond Detention Basin Outfall

Lower Duck Creek Detention Basin and Outfall Channel

Lower Flamingo Detention Basin

Muddy River, Cooper Street Bridge

Olive Street Storm Drain, US-95 to Palm Street, Local Drainage Project

Orchard Detention Basin

Rawhide Channel at Sagebrush Street

Rawhide Channel System

Red Coach Avenue/Cimarron Road Improvements, Local Drainage Project

Red Rock Channel, Naples Branch

Red Rock Channel, Naples Branch – Flamingo Connector

Sloan Channel, Las Vegas Wash to Charleston Boulevard

Sunrise Avenue Area Storm Drain, Local Drainage Project

Sunrise Avenue Storm Drain, Fogg Street to Clayton Street, Local Drainage Project

Tomiyasu and La Casita Crossings of Duck Creek

Tropicana North Branch Detention Basin

Tropicana Wash at Swenson Street

Tunis Avenue and Karvel Street Storm Drain, Local Drainage Project

Twain at Pecos-McLeod Storm Drain, Local Drainage Project

Clark County (continued)

Upper Duck Creek Detention Basin

Tropicana and Flamingo Washes Project:

- **Blue Diamond and Red Rock Channels (Beltway Sections 7A, 7B, 8, and 9)**
- **Blue Diamond Channel – Durango Reach (Warm Springs Intersection)**
- **Blue Diamond Detention Basin**
- **F-1 Channel, Beltway to Hualapai Way**
- **F-1 and F-2 Debris Basins and Channels, Phase II**
- **F-4 Debris Basin and Channel**
- **Flamingo Detention Basin Expansion**
- **Lower Blue Diamond Channel**
- **Lower Flamingo Diversion Channel, Phase I (Tropicana Detention Basin to Jones Boulevard)**
- **Lower Red Rock Complex**
- **R-4 Detention Basin and Channel**
- **Red Rock Channel (Beltway Section 10A)**
- **Red Rock Detention Basin Expansion**
- **Red Rock Detention Basin Scour Protection and Outfall Channel**
- **Tropicana Detention Basin and Outfall Channel**
- **Upper Blue Diamond Diversion Channel**
- **Upper Flamingo Detention Basin Expansion**
- **Upper Flamingo Diversion Channel, Phase II**

Tropicana Wash Channel

Paradise Road to Koval Lane

Clark County (continued)

Upper Flamingo Detention Basin and Outfall System

Van Buskirk Channel System

Washington Collection System (Montridge Storm Drain)

Winnick Avenue Improvements
On the Flamingo Wash

Outlying Areas:

Bunkerville Detention Conveyance System (Windmill Wash)

Bunkerville – Windmill Wash Outfall

Cooper Crossing in Moapa Valley

Hiko Springs Detention Basin (SID and District funded)

Hiko Springs Outfall Channel

Indian Springs Detention Basin

Logan (Benson) Wash Improvements in Moapa Valley

Muddy River, Gubler Avenue Bridge

Searchlight Flood Control Improvements

Unnamed Wash Improvements in Laughlin

District funding since 1987 for the projects plus design efforts of future projects total approximately \$432,387,578.

The projects proposed on the TYCP for Clark County within the Las Vegas Valley in hydrographic basin order with Priority Value (PV) include the following:

Tropicana/Flamingo – F4 Patrick Lane/Fort Apache Road Lateral (PV = 69.5)

FLOQ 0000 – This project includes a 12' x 8' reinforced concrete box culvert intercepting flow in Fort Apache Road and Patrick Lane and conveying it to the F-4 Channel near CC-215. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$1.9 million for this project.

Clark County (continued)

Tropicana/Flamingo – Flamingo Diversion – Rainbow Branch, Russell Road to Sunset Road (PV = 93.5)

FLRB 0050 through 0062 – This project is a tributary to the Flamingo Diversion Channel in Rainbow Boulevard. The project includes reinforced concrete box culvert ranging in size from 12' x 3' to 14' x 6' in Rainbow Boulevard from Sunset Road to Russell Road. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$9.3 million for this project.

Tropicana/Flamingo – Lower Flamingo – Las Vegas Wash – Flamingo Confluence to Charleston Boulevard (PV = 100.00)

LVMD 0916 through 1069 – This project consists of open channel improvements along Las Vegas Wash extending from the confluence with Flamingo Wash to Charleston Boulevard and bridge improvements at Sahara Avenue, Nellis Boulevard and Charleston Boulevard. Design is underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$23 million for this project.

Tropicana/Flamingo – Wagon Trail Channel – Sunset Road to Teco (PV = 87.5)

WGTR 0111 – This project includes a 10' x 6' reinforced concrete box culvert in Procyon Street extending from Sunset Road to Teco Avenue. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$1.6 million for this project.

Tropicana/Flamingo – Vegas Valley Drive – Flamingo Wash to Pecos Road (PV = 79.5)

VAVD 0000 and 0025 – This project includes an 84" reinforced concrete pipe and an 8' x 6' reinforced concrete box culvert in Vegas Valley Drive extending from Burnham Avenue to the Flamingo Wash. Design is programmed in FY 18/19 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$7.4 million for this project.

Tropicana/Flamingo – Flamingo Wash, Industrial Road to Hotel Rio Drive (PV = 84.0)

FLWA 0893 and 0896 – This project consists of open channel improvements in Flamingo Wash extending from Industrial Road to Hotel Rio Drive. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$1.2 million for this project.

Tropicana/Flamingo – Las Vegas Wash – Tropicana Avenue Conveyance – Morris Street to Mountain Vista Street (PV = 83.0)

LV01 0151 – This project includes an 84" diameter reinforced concrete storm drain in Tropicana Avenue extending from Mountain Vista Street to Morris Street. Design is programmed in FY 12/13 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$4.0 million for this project.

Clark County (continued)

Tropicana/Flamingo – Las Vegas Wash – Boulder Highway (PV = 80.0)

LVBH 0000 – This project includes a 12' x 8' reinforced concrete box culvert in Harmon Avenue extending from Nellis Boulevard to Boulder Highway and in Boulder Highway from Harmon Avenue to Tropicana Boulevard. Design is programmed in FY 19/20 and construction is programmed in FY 21/22. The TYCP includes approximately \$12.2 million for this project.

Tropicana/Flamingo – Las Vegas Wash – Tropicana Avenue Conveyance – Las Vegas Wash to Morris Street (PV = 83.5)

LV01 0001 through 0135 – This project includes a reinforced concrete box culvert, reinforced concrete pipe and trapezoidal concrete channel of varying sizes along Tropicana Avenue extending from Morris Street to the Las Vegas Wash. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$9.6 million for this project.

Tropicana/Flamingo – Las Vegas Wash – Branch 02, Monson Channel – Las Vegas Wash to Boulder Highway (PV = 77.5)

LV02 0001 through 0294 – This project consists of a concrete box culvert along Flamingo Road from Boulder Highway to Nellis Boulevard; replacement of existing bridge structures along the south side of Flamingo Road at a driveway entrance and at Canal Street; and concrete lined channel beginning at Flamingo Road and Jimmy Durante Boulevard extending south and east to the Las Vegas Wash. Design is programmed in FY 19/20. The TYCP includes approximately \$1.0 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash – Arville Street to I-15 (PV = 81.0)

BDWA 0276 – This project is a 66" diameter reinforced concrete pipe storm drain in Robindale Road from Arville Street to I-15. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$4.5 million for this project.

Duck Creek/Blue Diamond – Lower Blue Diamond Detention Basin Collector Channel

BDWA 0477 through 0613 – This project has been constructed in partnership with the Nevada Department of Transportation (NDOT). NDOT reimbursement was programmed in FY 11/12 consistent with Resolution 04-4 adopted by the Board. The TYCP includes approximately \$8.0 million for this project.

Duck Creek/Blue Diamond – Duck Creek/Blue Diamond, Bermuda Road to Las Vegas Boulevard (PV = 83.0)

DCBD 0075, 0082 and 0084 – This project includes reinforced concrete box culverts of varying size and concrete open channel along Duck Creek, Blue Diamond Wash extending from Placid Street to Bermuda Road. Design is programmed in FY 15/16 and

Clark County (continued)

construction funding is programmed in FY 18/19. The TYCP includes approximately \$4.6 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Channel, Amigo Street to Rancho Destino (PV = 88.0)

BDWA 0087 through 0174 – This project includes reinforced concrete box culverts ranging in size from 10' x 5' to 12' x 6' along Blue Diamond Wash extending from Rancho Destino Road to Amigo Street. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$7.9 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Channel 02, I-15 to Decatur Boulevard (PV = 81.5)

BD02 0125 through 0312 and 0359 – This project includes a 170 acre foot detention basin and reinforced concrete box culvert, pipe and channel of varying sizes. The detention basin is located south of Silverado Ranch Boulevard and west of Arville Street and the outfall pipe is located in Silverado Ranch Boulevard extending from the detention basin to I-15. Design is programmed in FY 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$16.2 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash Railroad (PV = 87.5)

BDW5 0026 – This project will focus on early right-of-way acquisition for future channel improvements adjacent to a UPRR spur that extends from Blue Diamond Road to Rainbow Boulevard. Right-of-Way Acquisition is programmed in FY 12/13 and design is programmed in FY 18/19. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$3.8 million for this project.

Duck Creek/Blue Diamond – Duck Creek Wash Tributary 4 – Jones Boulevard to Decatur Boulevard (PV = 80.5)

DCW4 0216 through 0224 – This project includes reinforced concrete box culverts ranging in size from 8' x 6' to 10' x 6' in Pyle Avenue from Jones Boulevard to Decatur Boulevard. Design is programmed in FY 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$8.3 million for this project.

Duck Creek/Blue Diamond – Duck Creek Wash Tributary 4 – Detention Basin to Jones Boulevard (PV = 80.5)

DCW4 0298 – This project is the outfall pipe for the Duck Creek Railroad Detention Basin. The facility is an 8' x 5' reinforced concrete box culvert in Pyle Avenue extending from the Union Pacific Railroad to Jones Boulevard. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$4.8 million for this project.

Clark County (continued)

Duck Creek/Blue Diamond – Duck Creek at Dean Martin Drive (PV = 79.5)

DCWA 1447 – This project includes a triple barrel 14' x 6' reinforced concrete box culvert for Duck Creek Wash where it crosses Dean Martin Drive about 800' south of Cactus Avenue. Design is programmed in FY 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$1.1 million for this project.

Duck Creek/Blue Diamond – Duck Creek – Sunset Road to Sandhill Road (PV = 82.5)

DCWA 0648, 0656 and 0670 – This project includes an open channel improvements for Duck Creek Wash extending from Sandhill Road to Sunset Road. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$2.1 million for this project.

The funding programmed for the Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Areas in Clark County (Las Vegas Valley) totals approximately \$132.5 million on the TYCP.

The projects proposed on the TYCP for the Outlying Areas of Clark County include the following:

Goodsprings – Goodsprings – Phase I

GSEA 0000, GSPA 0027 and 0029 & GSRV 0019 – This project consists of a riprap channel in Pacific Street and Revere Street discharging to the natural watercourse on the north side of Goodsprings. Design is underway. Right-of-Way Acquisition and construction funding are programmed in FY 12/13. The TYCP includes approximately \$0.40 million for this project.

Muddy River and Tributaries – Fairgrounds – Detention Basin

FGWS 0000 through 0166 – This project is a 130 acre foot detention basin and outfall facility located north of the Clark County Fair Grounds near Whipple Avenue and Heyer Street. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$5.6 million for this project.

Muddy River and Tributaries – Muddy River Logandale Levee

MRL 0001, 0013, and 0038 – This project consists of the reconstruction of an existing levee beginning at Wells Siding and extending south along the east side of the Union Pacific Railroad alignment to just north of Waite Avenue alignment. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$3.8 million for this project.

Muddy River and Tributaries – Ramos Ranch to Bryner Avenue

MRLV 0350, 0357, 0377, and 0388 – This project consists of open channel improvements beginning near Ramos Ranch Road and extending south to the Bryner

Clark County (continued)

Avenue alignment. Design is underway. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$12.1 million for this project.

Mount Charleston – Rainbow Canyon Boulevard Bridge

MTCH 0001 – This project consists of a new bridge structure for Rainbow Canyon Boulevard, just south of Kyle Canyon Road. Design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. The TYCP includes approximately \$0.90 million for this project.

Laughlin – Hiko Detention Basin Expansion

LUHS 0244 – This project consists of the expansion of the Hiko Springs Detention Basin by 310 acre feet to accommodate diversion of the Bridge Canyon flow. Design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. The TYCP includes approximately \$1.4 million for this project.

Laughlin – SR 163 at Casino Drive

LUBC 0000 through 0031 – This project consists of open channel improvements along the south side of SR 163 beginning near Thomas Edison Way and continuing east to the Colorado River. Design is underway. Additional design funds are programmed in FY 12/13. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$0.90 million for this project.

Searchlight – South, Encinitas St. Storm Drain

SRSO 0000 through 0030 – This project consists of a 72” diameter reinforced concrete storm drain in Encinitas Street extending from Nevada Street to Washington Street and continuing south in Washington Street to Hobson Street outletting to the natural wash on the southeast side of the town. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$1.3 million for this project.

Bunkerville – Windmill Wash Detention Basin Expansion

WIWA 0039, WIJE 0000 and JEWA 0166 – This project consists of the expansion of the existing Windmill Wash Detention Basin in Bunkerville from 522 acre feet to 887 acre feet and improvements to the existing levee in the Jess Waite Wash. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$2.1 million for this project.

The TYCP for the Outlying Areas of Clark County totals approximately \$28.5 million.

In all, among the Tropicana/Flamingo, Duck Creek, Blue Diamond, and Outlying Planning Areas, Clark County has programmed approximately \$161.0 million for flood control facilities over the next ten years.

BOULDER CITY

Projects completed or funded for construction since 1987 include:

Bootleg Canyon Detention Basin Outfall

Bootleg Canyon Detention Basin, Phase II

Buchanan Boulevard Channel

Buchanan Watershed Facilities

Georgia Avenue Channel

Hemenway Wash Improvements
A joint use recreation facility

Industrial Road Facilities

North Railroad Conveyance

Valley View and DD Facilities

Veteran's Memorial Detention Basin

Ville Drive Flood Control Improvements

West Airport Facilities

West Airport Watershed, including West Adams Boulevard and Georgia Avenue Improvements

Yucca Debris Basin, Collection and Outfall

Yucca Street Drainage

District funding since 1987 for the projects plus design efforts of future projects total approximately \$24,145,201.

The projects proposed on the TYCP for Boulder City in hydrographic basin order include the following:

Georgia/Buchanan – Buchanan Blvd., Phase III Improvements

GBAP 0001, GBGR 0001 & GBBC 0110, 0149 and 0153 – This project includes the lower reach of a drainage channel located on the eastern boundary of the Boulder City Airport; reconstruction of crossings along Buchanan Boulevard at El Camino Way, at

Boulder City (continued)

Clubhouse Road and across Buchanan Boulevard near Quail Drive; and the replacement of a portion of an existing storm drain in Buchanan Boulevard from Adams Boulevard to El Camino Way. Design is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$3.8 million for this project.

Hemenway – Hemenway System, Phase II Improvements

HMLV 0006 and 0019, HMTH 0034, HMLM 0066 and 0085 and HMWA 0005, 0105, 0158, 0173, 0175, and 0182 – This project consists of the reconstruction of an existing grouted rip rap channel with a concrete channel located north of Fire Agate Drive, between US-93 and Quartzite Road; revisions to the existing earthen levee located southwest of the Trailhead Detention Basin to enlarge the structure and line with rip rap; increase the volume of the Lake Mountain Drive Detention Basin and construction of a new grate structure for the outlet pipe downstream of the basin; and improvements to the Hemenway Channel system located along the north side of US-93 including concrete lining of the channel sides and construction of two sediment basins at the upstream end of the system. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$1.0 million for this project.

The funding programmed for Boulder City totals approximately \$4.8 million on the TYCP.

MESQUITE

City of Mesquite projects completed or funded for construction since 1987 include:

Abbott Wash Conveyance System, Pioneer Boulevard to the Virgin River

Town Wash Conveyance, I-15 to the Virgin River

Town Wash Detention Basin

District funding since 1987 for these projects plus design efforts of future projects totals approximately \$23,964,631.

The projects proposed on the TYCP for Mesquite in hydrographic basin order include the following:

Town Wash – Mesa Boulevard, Pioneer to Town Wash

TWMB 0000 through 0022, and TOWA 0120 – This project includes open channel improvements and 12' X 7' reinforced concrete box culvert extending from Town Wash to Pioneer Boulevard. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$0.90 million for this project.

Town Wash Mesa Boulevard, Chaparral to Pioneer

TWMB 0024 through 0094 – This project includes open channel improvements, 7' X 7' reinforced concrete box culvert and 60 inch diameter reinforced concrete pipe extending north and east from Pioneer Boulevard to Chaparral Drive. Design and Right-of-Way Acquisition are programmed in FY 15/16. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$4.7 million for this project.

Virgin River Flood Wall

VREC 0000, 0028, and 0054 – This project includes approximately 4,300 feet of flood wall, 17' high and buried 8' along the eastern edge of the City of Mesquite near Old Mills Road and Mesquite Boulevard. Design is programmed in FY 16/17 and Right-of-Way Acquisition is programmed in FY 17/18. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$4.5 million for this project.

Virgin River Erosion Protection, Phase I

VREC 0203, 0323, 0508, and 0519 – This project includes soil cement erosion protection at various locations along the south side of the City of Mesquite. Design is programmed in FY 18/19 and Right-of-Way Acquisition is programmed in FY 20/21. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$1.6 million for this project.

The funding programmed for Mesquite totals approximately \$11.7 million on the TYCP.

Fiscal Year 2013 Project List

The first year of the TYCP comprises the recommended FY 2013 Project List. It should be noted that construction and right-of-way funds programmed in FY 2014 and FY 2015 are eligible to be funded if they meet the criteria presented in Sections II.B.9.b of the District's Policies and Procedures Manual. To meet these criteria construction projects must have ninety percent (90%) of design complete; have all right-of-entry for construction purposes obtained; and have all necessary permits, including environmental. For right-of-way, adequate design must have been completed to define right-of-way needs. Acceleration of funding in this manner cannot result in the delay of designs programmed in the first year and is dependent upon actual fund availability. Projects programmed in the first year total \$92.5 million. Projects eligible for funding in FY 2013 total \$151.2 million. These projects will be primarily funded from the estimated quarter percent Sales Tax Revenues and projected \$75 million bond issue. Projected revenue for the first year is \$113.2 million. Determining funding eligibility according to this policy allows for full expenditure of available resources annually in the event that some projects should suffer unexpected delays.

Other projects may also begin which are programmed throughout the TYCP if policies regarding Entity Advanced Funding and Funding Resolutions are exercised in accordance with Sections II.D.5 & 6 of the Policies and Procedures Manual.

The projects eligible for funding in FY 2013 are as follows:

Henderson (Pittman Wash and C-1 Planning Areas):

Pittman Burns – Pittman West Horizon – Palm Hills (PV = 97.5)

PTWH 0032 – This project consists of an open channel along the west side of the Palm Hills development located west of Horizon Ridge Parkway and north of Mission Drive. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$0.70 million for this project.

Pittman Burns – Galleria to Boulder Highway (PV = 99.0)

PTSU 0000 – This project consists of a double 10' x 8' reinforced concrete box culvert and open channel that will collect storm flows at the intersection of Sunset Road and Boulder Highway and convey them to the existing Weisner Channel near Burns Road and Galleria Drive. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$4.0 million for this project.

Pittman Burns – Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road (PV = 97.0)

PTHR 0104, 0139, 0140, 0150 & 0203 through 0205 – This project consists of a 2.5 acre-foot debris basin located approximately one-half mile south of Horizon Ridge Parkway and an 84-inch diameter concrete outfall pipe and concrete channel from the debris basin to Sumner Ranch Road. A Master Plan Amendment is currently in process to revise the debris basin to a detention basin and decrease the size of the outlet facilities.

FY 2013 Project List (continued)

Design is underway. Construction funding is programmed in FY 13/14. FY 2013 eligible funding is approximately \$2.5 million for this project.

Pittman Beltway – Anthem Parkway Channel – Horizon Ridge to Sienna Heights (PV = 98.0)

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$2.2 million for this project.

Lower Pittman – Pittman Wash Duck Creek at I-515 (PV = 96.5)

PTDC 0074 – This project consists of the addition of two 10' x 8' reinforced concrete box culverts to the existing structure under I-515 at Pittman Wash. Design is underway. Construction funding is programmed in FY 14/15. FY 2013 eligible funding is approximately \$1.8 million for this project.

Upper Pittman – Pittman North Detention Basin Outfall (PV = 96.0)

PTNO 0180 – This project consists of a 72" reinforced concrete pipe from the Pittman North Detention Basin to St. Rose Parkway at Executive Airport. Design and Right-of-Way Acquisition are programmed in FY 14/15. Construction funding is programmed in FY 17/18. FY 2013 eligible funding is approximately \$0.50 million for this project.

C-1 – Racetrack Channel – Drake to Burkholder (PV = 98.5)

C1RT 0001 through 0041 – This project consists of approximately one half mile of concrete channel invert in the existing Racetrack Channel from Drake Street to Burkholder. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$2.3 million for this project.

C-1 – Four Kids Wash – Lake Mead to Eagle Rock Road (PV = 97.0)

C1FK 0040 – This project consists of open channel extending from Lake Mead Drive to Eagle Rock, east of Galleria Drive. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$0.50 million for this project.

C-1 – Equestrian Detention Basin Expansion (PV = 98.0)

C1EQ 0160 – This project consists of expansion of the existing Equestrian Detention Basin from 409 acre feet to 544 acre feet and modifications to the existing spillway. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$0.90 million for this project.

FY 2013 Project List (continued)

C-1 – Equestrian Tributary, Phase II (PV = 100.0)

C1E1 0044 – This project consists of 12' x 4' reinforced concrete box culvert in Appaloosa Road from Latigo Drive to Equestrian Drive. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$3.5 million for this project.

Total Programmed First Year: \$14,158,891

Total Eligible First Year: \$18,903,577

Las Vegas (Upper Northern Las Vegas Wash, Gowan and Central Basin Planning Areas):

Central – Freeway Channel – Washington – MLK to Rancho Drive (PV = 83.0)

LV15 0424, 0472 and 0474 – This project consists of an 8' x 6' reinforced concrete box culvert in Washington Avenue extending from Rancho Road to Martin Luther King Blvd. and dual 66-inch diameter reinforced concrete pipes in Tonopah Drive extending from Mills Circle to Washington Avenue. Design is underway and construction funding is programmed in FY 14/15. FY 2013 eligible funding is approximately \$7.8 million for this project.

Central – Boulder Highway Sahara Avenue – Mojave Road to Boulder Highway (PV = 81.0)

BHSA 0000 – This project consists of a 14' x 10' reinforced concrete box culvert in Sahara Avenue extending from Mojave Road to Boulder Highway. Funds are programmed in FY 12/13 to complete an alternative analysis and design is programmed in FY 16/17 upon completion of the alternative analysis. Construction funding is programmed in FY 19/20. FY 2013 eligible funding is approximately \$0.20 million for this project.

Central – Flamingo – Boulder Highway North, Main Street (PV = 80.5)

FLBN 0342 – This project consists of a 7' x 4' reinforced concrete box culvert in Main Street extending from Wyoming Avenue to Charleston Boulevard. Design is underway. Construction funding is programmed in FY 13/14. FY 2013 eligible funding is approximately \$7.5 million for this project.

Gowan North – Angel Park North – Detention Basin (PV = 82.0)

APNO 0001 – This project consists of expansion of the existing Angel Park North Detention Basin from 1,400 acre feet to 1,512 acre feet and construction of an additional spillway. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$9.1 million for this project.

FY 2013 Project List (continued)

Upper Northern LV Wash – Ann Road – Rancho Road System – Fort Apache to Grand Canyon (PV = 78.0)

RCHB 0275 – This project consists of a 7' x 6' reinforced concrete box culvert in Elkhorn Road extending from Grand Canyon Drive to Fort Apache Road. Design is underway and construction funding is programmed in FY 14/15. FY 2013 eligible funding is approximately \$3.2 million for this project.

Upper Northern LV Wash – Ann Road – Rancho Road System – Beltway to Echelon Point (PV = 83.0)

RCHB 0227 – This project consists of an 11' x 8' reinforced concrete box culvert along CC 215 and Fort Apache Road to Echelon Point Drive. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$3.1 million for this project.

Upper Northern LV Wash – Ann Road – Rancho Road System – Echelon Point to Elkhorn Road (PV = 83.5)

RCHB 0250 – This project consists of an 11' x 8' reinforced concrete box culvert in Fort Apache Road extending from Elkhorn Road to Echelon Point Drive. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$5.3 million for this project.

Upper Northern LV Wash – Ann Road Channel West – Rainbow Boulevard (PV = 82.5)

ANRB 0000 – This project consists of a reinforced concrete box culvert ranging in size from 11' x 5' to 10' x 3' in Rainbow Boulevard extending from approximately El Campo Grande Avenue to Ann Road. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$4.8 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Las Vegas Wash – Grand Teton, Mountain Spa to Durango Drive (PV = 80.5)

LVMD 2632 through 2789 – This project consists of reinforced concrete box culvert ranging in size from 6' x 5' to 18' x 5' in Grand Teton Drive extending from Durango Drive to just west of Rainbow Boulevard. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$15.9 million for this project.

Total Programmed First Year: \$38,358,447

Total Eligible First Year: \$56,798,297

FY 2013 Project List (continued)

North Las Vegas (Lower Northern Las Vegas Wash, Range Wash, and Lower Las Vegas Wash Planning Areas):

Lower Northern Las Vegas Wash – Lower Western Tributary – Colton Channel I-15 to Fifth Street (PV = 91.5)

LVCL 0000 – This project consists of reinforced concrete box culverts ranging in size from 9' x 6' to 12' x 6' in Colton Avenue from Fifth Street to I-15 Freeway Channel. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$3.5 million for this project.

Lower Northern Las Vegas Wash – Lower Western Tributary – Brooks Channel (PV = 83.5)

LVBR 0000, 0005, 0011, 0014, and 0026 – This project consists of a concrete channel and a reinforced concrete box culvert at North Fifth Street. The facility begins at the east end of Mayflower Avenue and extends east to the I-15 corridor. Design is underway. Right-of-Way Acquisition and construction funding are programmed in FY 12/13. FY 2013 eligible funding is approximately \$0.50 million for this project.

Lower Northern Las Vegas Wash – Lower Western Tributary – Las Vegas Wash – N Channel, Cheyenne to Gowan (PV = 80.0)

LVNC 0038 – This project consists of channel improvements to the N Channel extending from Gowan Road to Cheyenne Avenue. Design and Right-of-Way Acquisition are programmed in FY 12/13. Construction funding is programmed in FY 13/14. FY 2013 eligible funding is approximately \$1.3 million for this project.

Lower Northern Las Vegas Wash – Las Vegas Wash Craig – Fifth Street Collector – Centennial Parkway to Deer Springs (PV = 81.0)

LV5C 0000 and 0002 – This project consists of a reinforced concrete box culvert ranging in size from 10' x 6' to 15' x 6' in North Fifth Street extending from Deer Springs Way to Centennial Parkway. Design is programmed in FY 12/13 and Right-of-Way Acquisition is programmed in FY 13/14. Construction funding is programmed in FY 14/15. FY 2013 eligible funding is approximately \$4.4 million for this project.

Lower Northern Las Vegas Wash – Las Vegas Wash Craig – Ann Road Channel East, Las Vegas Wash to Fifth Street (PV = 82.0)

ANEA 0008 and 0040 – This project consists of a reinforced concrete box storm culvert ranging in size from 8' x 7' to 10' x 7' in Ann Road extending from North Fifth Street to a confluence with the Upper Las Vegas Wash Channel. Design is underway. Right-of-Way Acquisition is programmed in FY 12/13. Construction funding is programmed in FY 13/14. FY 2013 eligible funding is approximately \$6.4 million for this project.

FY 2013 Project List (continued)

Lower Las Vegas Wash – Las Vegas Wash, Sloan Channel to Flamingo Confluence (PV = 81.5)

LVMD 0883 and 0911 – This project consists of a new 120-foot wide bridge structure at the Desert Rose Golf Course and channel improvements extending from Sloan Lane to approximately 500-feet west of the Sloan Channel Confluence with Las Vegas Wash. Design is programmed in FY 12/13. Construction funding is programmed in FY 13/14. FY 2013 eligible funding is approximately \$3.0 million for this project.

Range Wash – Lower Range – Orchards Collector – Charleston Boulevard to Linden Avenue (PV = 93.0)

SLOR 0158 – This project consists of a soil cement lined levee that will extend north from Charleston Boulevard along the base of Sunrise Mountain to the Linden Avenue alignment. This facility will collect flows draining east off the mountain and convey them south to the Orchard Detention Basin located south of Charleston Boulevard. Design is underway. Construction funding is programmed in FY 13/14. FY 2013 eligible funding is approximately \$0.20 million for this project.

Range Wash – West Range – Centennial Collector (PV = 82.0)

RWCC 0000 – This project includes a 10' x 7' reinforced concrete box culvert in Centennial Parkway extending from Palmer to Pecos Road. Design is programmed in FY 12/13 and Right-of-Way Acquisition is programmed in FY 13/14. Construction funding is programmed in FY 14/15. FY 2013 eligible funding is approximately \$2.3 million for this project.

Total Programmed First Year: \$ 5,438,988

Total Eligible First Year: \$21,595,446

Clark County (Las Vegas Valley)

(Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Areas):

Tropicana/Flamingo – F4 Patrick Lane/Fort Apache Road Lateral (PV = 69.5)

FLOQ 0000 – This project includes a 12' x 8' reinforced concrete box culvert intercepting flow in Fort Apache Road and Patrick Lane and conveying it to the F-4 Channel near CC-215. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$1.9 million for this project.

Tropicana/Flamingo – Flamingo Diversion – Rainbow Branch, Russell Road to Sunset Road (PV = 93.5)

FLRB 0050 through 0062 – This project is a tributary to the Flamingo Diversion Channel in Rainbow Boulevard. The project includes reinforced concrete box culvert ranging in size from 12' x 3' to 14' x 6' in Rainbow Boulevard from Sunset Road to Russell Road. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$9.3 million for this project.

FY 2013 Project List (continued)

Tropicana/Flamingo – Wagon Trail Channel – Sunset Road to Teco (PV = 87.5)

WGTR 0111 – This project includes a 10' x 6' reinforced concrete box culvert in Procyon Street extending from Sunset Road to Teco Avenue. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 15/16. FY 2013 eligible funding is approximately \$0.10 million for this project.

Tropicana/Flamingo – Flamingo Wash, Industrial Road to Hotel Rio Drive (PV = 84.0)

FLWA 0893 and 0896 – This project consists of open channel improvements in Flamingo Wash extending from Industrial Road to Hotel Rio Drive. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$1.2 million for this project.

Tropicana/Flamingo – Las Vegas Wash – Tropicana Avenue Conveyance – Morris Street to Mountain Vista Street (PV = 83.0)

LV01 0151 – This project includes an 84" diameter reinforced concrete storm drain in Tropicana Avenue extending from Mountain Vista Street to Morris Street. Design is programmed in FY 12/13 and construction funding is programmed in FY 15/16. FY 2013 eligible funding is approximately \$0.30 million for this project.

Tropicana/Flamingo – Las Vegas Wash – Tropicana Avenue Conveyance - Las Vegas Wash to Morris Street (PV = 83.5)

LV01 0001 through 0135 – This project includes reinforced concrete box culvert, reinforced concrete pipe and trapezoidal concrete channel of varying sizes along Tropicana Avenue extending from Morris Street to the Las Vegas Wash. Design is underway. Construction funding is programmed in FY 14/15. FY 2013 eligible funding is approximately \$9.6 million for this project.

Duck Creek/Blue Diamond – Lower Blue Diamond Detention Basin Collector Channel

BDWA 0477 through 0613 – This project has been constructed in partnership with the Nevada Department of Transportation (NDOT). NDOT reimbursement is programmed in FY 11/12 consistent with Resolution 04-4 adopted by the Board. FY 2013 eligible funding is approximately \$8.0 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash Railroad (PV = 87.5)

BDW5 0026 – This project will focus on early right-of-way acquisition for a future concrete channel adjacent to a UPRR spur that extends from Blue Diamond Road to Rainbow Boulevard. Right-of-Way Acquisition is programmed in FY 12/13 and design is programmed in FY 18/19. Construction funding is programmed in FY 21/22. FY 2013 eligible funding is approximately \$0.30 million for this project.

FY 2013 Project List (continued)

Duck Creek/Blue Diamond – Sunset Road to Sandhill Road (PV = 82.5)

DCWA 0648, 0656 and 0670 – This project includes open channel improvements for Duck Creek Wash extending from Sandhill Road to Sunset Road. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$2.1 million for this project.

Clark County (Outlying Areas):

The projects proposed on the TYCP for the Outlying Areas of Clark County include the following:

Goodsprings – Goodsprings – Phase I

GSEA 0000, GSPA 0027 and 0029 & GSRV 0019 – This project consists of a riprap channel in Pacific Street and Revere Street discharging to the natural watercourse on the north side of Goodsprings. Design is underway. Right-of-Way Acquisition and construction funding are programmed in FY 12/13. FY 2013 eligible funding is approximately \$0.40 million for this project.

Muddy River and Tributaries – Fairgrounds – Detention Basin

FGWS 0000 through 0166 – This project is a 130 acre foot detention basin and outfall facility located north of the Clark County Fair Grounds near Whipple Avenue and Heyer Street. Design is underway. Construction funding is programmed in FY 13/14. FY 2013 eligible funding is approximately \$5.6 million for this project.

Muddy River and Tributaries – Muddy River Logandale Levee

MRL 0001, 0013, and 0038 – This project consists of the reconstruction of an existing levee beginning at Wells Siding and extending south along the east side of the Union Pacific Railroad alignment to just north of Waite Avenue alignment. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$3.8 million for this project.

Mount Charleston – Rainbow Canyon Boulevard Bridge

MTCH 0001 – This project consists of a new bridge structure for Rainbow Canyon Boulevard, just south of Kyle Canyon Road. Design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. FY 2013 eligible funding is approximately \$0.84 for this project.

Laughlin – Hiko Detention Basin Expansion

LUHS 0244 – This project consists of the expansion of the Hiko Springs Detention Basin by 310 acre feet to accommodate diversion of the Bridge Canyon flow. Design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. FY 2013 eligible funding is approximately \$1.3 million for this project.

FY 2013 Project List (continued)

Laughlin – SR 163 at Casino Drive

LUBC 0000 through 0031 – This project consists of open channel improvements along the south side of SR 163 beginning near Thomas Edison Way and continuing east to the Colorado River. Design is underway. Additional design funds are programmed in FY 12/13. Construction funding is programmed in FY 13/14. FY 2013 eligible funding is approximately \$0.90 million for this project.

Searchlight – South, Encinitas St. Storm Drain

SRSO 0000 through 0030 – This project consists of a 72” diameter reinforced concrete storm drain in Encinitas Street extending from Nevada Street to Washington Street and continuing south in Washington Street to Hobson Street outletting to the natural wash on the southeast side of the town. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$1.3 million for this project.

Bunkerville – Windmill Wash Detention Basin Expansion

WIWA 0039, WIJE 0000 and JEWA 0166 – This project consists of the expansion of the existing Windmill Wash Detention Basin in Bunkerville from 522 acre feet to 887 acre feet. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$2.1 million for this project.

Clark County (Las Vegas Valley) Programmed First Year: \$23,084,812

Clark County (Las Vegas Valley) Eligible First Year: \$32,840,876

Clark County (Outlying Areas) Programmed First Year: \$ 7,636,730

Clark County (Outlying Areas) Eligible First Year: \$16,221,143

Total Programmed First Year: \$30,721,542

Total Eligible First Year: \$49,062,018

Boulder City:

Georgia/Buchanan – Buchanan Blvd., Phase III Improvements

GBAP 0001, GBGR 0001 & GBBC 0110, 0149 and 0153 – This project includes the lower reach of a drainage channel located on the eastern boundary of the Boulder City Airport; reconstruction of crossings along Buchanan Boulevard at El Camino Way, at Clubhouse Road and across Buchanan Boulevard near Quail Drive; and the replacement of a portion of an existing storm drain in Buchanan Boulevard from Adams Boulevard to El Camino Way. Design is underway. Construction funding is programmed in FY 12/13. FY 2013 eligible funding is approximately \$3.8 million for this project.

FY 2013 Project List (continued)

Hemenway – Hemenway System, Phase II Improvements

HMLV 0006 and 0019, HMTH 0034, HMLM 0066 and 0085 and HMWA 0005, 0105, 0158, 0173, 0175, and 0182 – This project consists of the reconstruction of an existing grouted rip rap channel with a concrete channel located north of Fire Agate Drive, between US-93 and Quartzite Road; revisions to the existing earthen levee located southwest of the Trailhead Detention Basin to enlarge the structure and line with rip rap; increase the volume of the Lake Mountain Drive Detention Basin and construction of a new grate structure for the outlet pipe downstream of the basin; and improvements to the Hemenway Channel system located along the north side of US-93 including concrete lining of the channel sides and construction of two sediment basins at the upstream end of the system. Design is underway. Construction funding is programmed in FY 14/15. FY 2013 eligible funding is approximately \$1.0 million for this project.

Total Programmed First Year: \$3,859,977

Total Eligible First Year: \$4,848,258

Mesquite:

No projects are programmed for Mesquite in the First Year of the Ten-Year Construction Program.

Total Programmed First Year: \$ 0

Total Eligible First Year: \$ 0

EXHIBIT A

EXHIBIT A

PROGRAMMING PERCENTAGES

Planning Area		Funded Projects (a)	Current MPU Total Costs (b)	Total Planning Area Cost	Percent of Total Planning Area
Henderson :					
	C-1	68,725,935	\$45,954,300	\$114,680,235	2.88%
	Pittman	76,621,461	\$177,726,564	\$254,348,025	6.40%
	Sub-total	145,347,397	\$223,680,864	\$369,028,261	9.28%
Las Vegas					
	Central	206,606,206	\$589,529,376	\$796,135,582	20.02%
	Gowan	120,923,047	\$231,300,485	\$352,223,532	8.86%
	Upper Northern L V Wash	81,695,802	\$434,985,790	\$516,681,592	12.99%
	Sub-total	409,225,054	\$1,255,815,651	\$1,665,040,706	41.88%
North Las Vegas					
	Lower Northern L V Wash	151,821,170	\$225,301,451	\$377,122,621	9.48%
	Range	45,722,831	\$215,286,112	\$261,008,943	6.56%
	Lower L V Wash	0	\$17,315,363	\$17,315,363	0.44%
	Sub-total	197,544,001	\$457,902,926	\$655,446,928	16.48%
Clark County					
	Duck Cr/Blue Diamond	123,427,258	\$317,473,688	\$440,900,946	11.09%
	Flamingo/Tropicana	196,311,088	\$274,094,302	\$470,405,390	11.83%
	Outlying	48,599,346	\$189,231,491	\$237,830,837	5.98%
	Sub-total	368,337,691	\$780,799,481	\$1,149,137,173	28.90%
Boulder City :					
	Boulder City	16,726,583	\$49,657,000	\$66,383,583	1.67%
	Sub-total	16,726,583	\$49,657,000	\$66,383,583	1.67%
Mesquite :					
	Mesquite	16,341,078	\$54,837,463	\$71,178,542	1.79%
	Sub-total	16,341,078	\$54,837,463	\$71,178,542	1.79%
GRAND-TOTAL		1,153,521,804	\$2,822,693,385	\$3,976,215,191	100.00%

Notes:

(a) From CIP Cumulative Reporting 12/11/08 at adoption of 2008 Las Vegas Valley MPU.

(b) Cost of remaining Category A facilities from applicable Master Plans as of 3/12/09 (LVV & Outlying Areas MPU).

EXHIBIT B

EXHIBIT B

Project Prioritization

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

CITY OF HENDERSON											
HYDROGRAPHIC BASIN: PITTMAN											
PROJECT: Galleria to Boulder Hwy.											
PTSU 0000	4	4	4	4	3	3	3	3	3	2	99.0
	20.0	18.0	16.0	14.0	9.0	7.5	6.0	4.5	3.0	1.0	
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights											
PTAP 0018	4	4	4	4	3	3	3	3	2	2	98.0
	20.0	18.0	16.0	14.0	9.0	7.5	6.0	4.5	2.0	1.0	
PROJECT: Pittman West Horizon - Palm Hills											
PTWH 0032	4	4	4	3	3	3	4	3	3	2	97.5
	20.0	18.0	16.0	10.5	9.0	7.5	8.0	4.5	3.0	1.0	
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road											
PTHR 0104, 0139, 0140, 0150 & 0203 thru 0205	4	4	4	3	3	3	3	4	3	2	97.0
	20.0	18.0	16.0	10.5	9.0	7.5	6.0	6.0	3.0	1.0	
PROJECT: Pittman Wash Duck Creek at I-515											
PTDC 0074	4	4	4	3	3	3	3	3	3	4	96.5
	20.0	18.0	16.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	
PROJECT: Pittman North Detention Basin Outfall											
PTNO 0180	4	4	4	4	3	3	3	2	2	1	96.0
	20.0	18.0	16.0	14.0	9.0	7.5	6.0	3.0	2.0	0.5	
PROJECT: Pittman North Detention Basin											
PTNO 0181 thru 0183	4	4	4	4	3	3	2	2	3	1	95.0
	20.0	18.0	16.0	14.0	9.0	7.5	4.0	3.0	3.0	0.5	
PROJECT: Pittman MacDonald Ranch Debris Basin											
PTMR 0400 thru 0480	4	4	4	4	3	3	2	2	2	2	94.5
	20.0	18.0	16.0	14.0	9.0	7.5	4.0	3.0	2.0	1.0	
PROJECT: Whitney Wash Channel											
WWDC 0069	4	3	4	3	3	3	3	4	4	3	94.0
	20.0	13.5	16.0	10.5	9.0	7.5	6.0	6.0	4.0	1.5	
PROJECT: Pittman North Detention Basin to Larson Lane											
PTSD 0000 thru 0043	4	4	4	3	3	3	3	3	1	2	93.5
	20.0	18.0	16.0	10.5	9.0	7.5	6.0	4.5	1.0	1.0	
PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer											
PTNO 0000 thru 0073	4	4	3	3	3	2	3	2	2	2	86.5
	20.0	18.0	12.0	10.5	9.0	5.0	6.0	3.0	2.0	1.0	
PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.											
PTLA 0000 thru 0126	4	4	3	3	2	2	3	2	3	2	84.5
	20.0	18.0	12.0	10.5	6.0	5.0	6.0	3.0	3.0	1.0	

HYDROGRAPHIC BASIN: C-1											
PROJECT: Equestrian Tributary, Phase II											
C1E1 0044	4	4	4	4	3	3	3	4	2	3	100.0
	20.0	18.0	16.0	14.0	9.0	7.5	6.0	6.0	2.0	1.5	
PROJECT: Racetrack Channel - Drake to Burkholder											
C1RT 0001 thru 0041	4	4	3	4	4	3	3	3	3	3	98.5
	20.0	18.0	12.0	14.0	12.0	7.5	6.0	4.5	3.0	1.5	
PROJECT: Equestrian Detention Basin Expansion											
C1EQ 0160	4	4	4	3	4	3	3	4	1	2	98.0
	20.0	18.0	16.0	10.5	12.0	7.5	6.0	6.0	1.0	1.0	
PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road											
C1FK 0040	4	4	4	4	3	3	3	3	1	2	97.0
	20.0	18.0	16.0	14.0	9.0	7.5	6.0	4.5	1.0	1.0	
PROJECT: Center Street Storm Drain											
C1CT 0000 thru 0048	4	4	4	3	3	3	3	3	3	2	95.5
	20.0	18.0	16.0	10.5	9.0	7.5	6.0	4.5	3.0	1.0	
PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead											
C1CH 0161	4	4	4	3	3	3	3	2	2	2	93.0
	20.0	18.0	16.0	10.5	9.0	7.5	6.0	3.0	2.0	1.0	

EXHIBIT B

Project Prioritization

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

CITY OF LAS VEGAS													
HYDROGRAPHIC BASIN: CENTRAL													
PROJECT: Oakey - Meadows Storm Drain													
MEOK 0150 thru 0217	4 20.0	3 13.5	3 12.0	3 10.5	2 6.0	3 7.5	4 8.0	3 4.5	1 1.0	2 1.0	84.0		
PROJECT: Las Vegas Wash - Charleston to Cedar													
LVMD 1071 thru 1121	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	2 3.0	1 1.0	2 1.0	83.5		
PROJECT: Freeway Channel - Washington, Valley View to Decatur													
LV15 0602	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	83.0		
PROJECT: Freeway Channel - Washington, Rancho to Valley View													
LV15 0528	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	83.0		
PROJECT: Freeway Channel - Washington, MLK to Rancho													
LV15 0424, 0472 & 0474	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	83.0		
PROJECT: Boulder Highway Sahara Avenue - Mojave to Boulder Hwy													
BHSA 0000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	3 1.5	81.0		
PROJECT: Boulder Highway Sahara Avenue - Eastern to Mojave													
BHSA 0026	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	3 1.5	81.0		
PROJECT: Sahara Avenue - Eastern Lateral													
SAEA 0000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	3 1.5	81.0		
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern													
BHSA 0075	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	3 1.5	81.0		
PROJECT: Boulder Highway Sahara Avenue - L.V. Blvd. to Maryland													
BHSA 0175	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	3 1.5	81.0		
PROJECT: Flamingo - Boulder Hwy. North, Main St.													
FLBN 0342	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	2 1.0	80.5		
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb													
LVBZ 0000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	79.0		
PROJECT: Cedar Avenue Channel - Charleston													
CACN 0001	4 20.0	3 13.5	3 12.0	3 10.5	2 6.0	2 5.0	2 4.0	1 1.5	3 3.0	4 2.0	77.5		
PROJECT: Cedar Avenue Channel - Stewart													
CNST 0000	4 20.0	3 13.5	3 12.0	3 10.5	2 6.0	2 5.0	2 4.0	1 1.5	3 3.0	4 2.0	77.5		
PROJECT: Owens Avenue East - LV Wash to Mojave													
LVOE 0000	4 20.0	4 18.0	3 12.0	2 7.0	2 6.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	77.0		
PROJECT: Owens Avenue East - Mojave to Eastern													
LVOE 0085	4 20.0	4 18.0	3 12.0	2 7.0	2 6.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	77.0		

HYDROGRAPHIC BASIN: GOWAN													
PROJECT: Angel Park North - Detention Basin													
APNO 0001	4 20.0	3 13.5	3 12.0	3 10.5	2 6.0	3 7.5	3 6.0	3 4.5	1 1.0	2 1.0	82.0		
PROJECT: Gowan Outfall - Rancho, Craig to Alexander													
GOAL 0100 thru 0111	4 20.0	3 13.5	3 12.0	3 10.5	2 6.0	2 5.0	3 6.0	3 4.5	1 1.0	2 1.0	79.5		
PROJECT: Gowan Outfall - El Capitan Branch, Lone Mtn to Washburn													
GOEC 0000 thru 0026	3 15.0	2 9.0	3 12.0	3 10.5	2 6.0	2 5.0	3 6.0	3 4.5	1 1.0	2 1.0	70.0		
PROJECT: Gowan Outfall - El Capitan Branch, Washburn to Ann Road													
GOEC 0051 thru 0076	3 15.0	2 9.0	3 12.0	3 10.5	2 6.0	2 5.0	3 6.0	3 4.5	1 1.0	2 1.0	70.0		

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority	Value
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
HYDROGRAPHIC BASIN: UPPER NORTHERN LAS VEGAS WASH											
PROJECT: Rancho Road System - Echelon Point to Elkhorn											
RCHB 0250	3	3	3	4	2	4	3	3	1	3	83.5
	15.0	13.5	12.0	14.0	6.0	10.0	6.0	4.5	1.0	1.5	
PROJECT: Rancho Road System - Beltway to Echelon Point											
RCHB 0227	3	3	3	4	3	4	2	2	1	3	83.0
	15.0	13.5	12.0	14.0	9.0	10.0	4.0	3.0	1.0	1.5	
PROJECT: Ann Road Channel West - Rainbow Blvd.											
ANRB 0000	4	3	3	3	2	3	3	3	1	3	82.5
	20.0	13.5	12.0	10.5	6.0	7.5	6.0	4.5	1.0	1.5	
PROJECT: Centennial Parkway Channel West - U.S. 95, Deer Springs to Elkhorn											
CN95 0000	4	3	3	3	3	2	3	3	1	2	82.5
	20.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Centennial Parkway Channel West - U.S. 95, Elkhorn to Durango											
CN95 0068	4	3	3	3	3	2	3	3	1	2	82.5
	20.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Centennial Parkway Channel West - CC 215, Pioneer to US 95											
CNWE 0301 thru 0304	4	3	3	3	3	2	3	3	1	2	82.5
	20.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Centennial Parkway Channel West - U.S. 95, CC 215 to Deer Springs											
CNWE 0325	4	3	3	3	3	2	3	3	1	2	82.5
	20.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Las Vegas Wash Grand Teton, Mountain Spa to Durango											
LVMD 2632 thru 2789	3	3	4	4	2	2	2	2	2	4	80.5
	15.0	13.5	16.0	14.0	6.0	5.0	4.0	3.0	2.0	2.0	
PROJECT: Brent Drainage System - Durango to El Capitan											
BRDB 0107 thru 0157	3	3	3	3	3	3	2	3	1	3	78.5
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	1.0	1.5	
PROJECT: Brent Drainage System - Floyd Lamb Park to Durango											
BRDB 0043	3	3	3	3	3	3	2	3	1	3	78.5
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	1.0	1.5	
PROJECT: Rancho Road System - Grand Canyon to Hualapai											
RCHB 0295	4	3	3	3	2	2	2	3	1	3	78.0
	20.0	13.5	12.0	10.5	6.0	5.0	4.0	4.5	1.0	1.5	
PROJECT: Rancho Road System - Fort Apache to Grand Canyon											
RCHB 0275	4	3	3	3	2	2	2	3	1	3	78.0
	20.0	13.5	12.0	10.5	6.0	5.0	4.0	4.5	1.0	1.5	
CITY OF NORTH LAS VEGAS											
HYDROGRAPHIC BASIN: LOWER NORTHERN LAS VEGAS WASH											
PROJECT: Colton Channel I-15 to Fifth Street											
LVCL 0000	3	4	3	3	4	3	4	3	2	4	91.5
	15.0	18.0	12.0	10.5	12.0	7.5	8.0	4.5	2.0	2.0	
PROJECT: Brooks Channel											
LVBR 0000, 0005, 0011, 0014, 0026	3	3	3	3	3	3	4	3	2	3	83.5
	15.0	13.5	12.0	10.5	9.0	7.5	8.0	4.5	2.0	1.5	
PROJECT: Las Vegas Boulevard Drain											
LVLV 0000	3	4	3	3	3	2	3	3	2	2	83.0
	15.0	18.0	12.0	10.5	9.0	5.0	6.0	4.5	2.0	1.0	
PROJECT: Ann Road Channel East, Las Vegas Wash to Fifth Street											
ANEA 0008 & 0040	3	3	4	4	2	2	3	2	2	3	82.0
	15.0	13.5	16.0	14.0	6.0	5.0	6.0	3.0	2.0	1.5	
PROJECT: Fifth Street Collector - Centennial to Deer Springs											
LV5C 0000 & 0002	3	3	3	3	3	3	3	3	2	2	81.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.0	
PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan											
LVNC 0038	4	3	3	3	3	2	2	2	2	2	80.0
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0	
HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH											
PROJECT: Las Vegas Wash, Sloan Channel to Flamingo Confluence											
LVMD 0883 & 0911	3	3	3	3	3	2	4	3	3	2	81.5
	15.0	13.5	12.0	10.5	9.0	5.0	8.0	4.5	3.0	1.0	

EXHIBIT B

Project Prioritization

Priority Factor and Weight												Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M			
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5			
HYDROGRAPHIC BASIN: RANGE												
PROJECT: Orchard Collector - Charleston to Linden												
SLOR 0158	4	4	3	3	3	3	3	4	3	2	93.0	
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	6.0	3.0	1.0		
PROJECT: Vandenberg North Detention Basin, Collection & Outfall												
RWWE 0397 thru 0439	3	4	3	3	4	3	2	3	2	3	87.0	
	15.0	18.0	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.5		
PROJECT: Beltway Detention Basin & Channel												
RWRR 0107 thru 0221	3	4	3	3	3	4	3	2	2	2	86.5	
	15.0	18.0	12.0	10.5	9.0	10.0	6.0	3.0	2.0	1.0		
PROJECT: Owens Detention Basin & Outfall												
SLWA 0130 thru 0175 & SLOW 0000 thru 0005	3	4	3	3	3	2	3	4	3	2	85.5	
	15.0	18.0	12.0	10.5	9.0	5.0	6.0	6.0	3.0	1.0		
PROJECT: Hollywood System, Las Vegas Blvd to Azure												
RWHW 0173 thru 0201	3	3	3	3	4	3	2	3	2	2	82.0	
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0		
PROJECT: Hollywood System, Azure to Speedway #2 Detention Basin												
RWHW 0277 thru 0412	3	3	3	3	4	3	2	3	2	2	82.0	
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0		
PROJECT: Speedway North Detention Basin												
RWHW 0500	3	3	3	3	4	3	2	3	2	2	82.0	
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0		
PROJECT: Centennial Collector												
RWCC 0000	3	3	3	4	3	2	3	3	2	2	82.0	
	15.0	13.5	12.0	14.0	9.0	5.0	6.0	4.5	2.0	1.0		
PROJECT: Beltway Collection System - Pecos												
RWWE 0463 & RWBW 0000	3	3	3	3	3	3	3	2	2	2	79.5	
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	2.0	1.0		
PROJECT: Range Wash - Alto Conveyance, Confluence DB to Los Feliz												
RWAL 0000 thru 0068	3	3	3	2	3	3	2	2	2	2	74.0	
	15.0	13.5	12.0	7.0	9.0	7.5	4.0	3.0	2.0	1.0		
CLARK COUNTY												
HYDROGRAPHIC BASIN: Tropicana/ Flamingo												
PROJECT: Las Vegas Wash - Flamingo Confluence to Charleston												
LVMD 0916 thru 1069	5	4	4	3	2	3	4	3	3	3	100.0	
	25.0	18.0	16.0	10.5	6.0	7.5	8.0	4.5	3.0	1.5		
PROJECT: Flamingo Diversion - Rainbow Branch - Russell to Sunset												
FLRB 0050 thru 0062	4	3	4	3	3	3	4	3	3	3	93.5	
	20.0	13.5	16.0	10.5	9.0	7.5	8.0	4.5	3.0	1.5		
PROJECT: Wagon Trail Channel - Sunset to Teco												
WGTR 0111	4	3	3	3	3	3	3	3	3	3	87.5	
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.5		
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.												
FLWA 0893 & 0896	3	3	3	3	3	3	4	3	2	4	84.0	
	15.0	13.5	12.0	10.5	9.0	7.5	8.0	4.5	2.0	2.0		
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris												
LV01 0001 thru 0135	3	3	3	3	3	4	4	2	1	3	83.5	
	15.0	13.5	12.0	10.5	9.0	10.0	8.0	3.0	1.0	1.5		
PROJECT: Tropicana Avenue Conveyance, Morris to Mountain Vista												
LV01 0151	3	3	3	3	4	3	4	2	1	1	83.0	
	15.0	13.5	12.0	10.5	12.0	7.5	8.0	3.0	1.0	0.5		
PROJECT: Las Vegas Wash - Boulder Highway												
LVBH 0000	3	2	3	3	3	4	3	4	1	3	80.0	
	15.0	9.0	12.0	10.5	9.0	10.0	6.0	6.0	1.0	1.5		
PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos												
VAVD 0000 & 0025	3	3	3	2	3	4	3	3	1	3	79.5	
	15.0	13.5	12.0	7.0	9.0	10.0	6.0	4.5	1.0	1.5		
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.												
LV02 0001 thru 0294	3	3	3	3	3	2	3	2	2	3	77.5	
	15.0	13.5	12.0	10.5	9.0	5.0	6.0	3.0	2.0	1.5		
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral												
FLOQ 0000	2	2	3	3	3	3	2	3	2	2	69.5	
	10.0	9.0	12.0	10.5	9.0	7.5	4.0	4.5	2.0	1.0		

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond											
PROJECT: Blue Diamond Channel, Amigo to Rancho Destino											
BDWA 0087 thru 0174	4	3	3	3	3	4	3	2	2	88.0	
	20.0	13.5	12.0	10.5	9.0	7.5	8.0	4.5	2.0	1.0	
PROJECT: Blue Diamond Wash Railroad											
BDW5 0026	1	5	3	3	5	1	5	5	2	1	87.5
	5.0	22.5	12.0	10.5	15.0	2.5	10.0	7.5	2.0	0.5	
PROJECT: Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.											
DCBD 0075, 0082 & 0084	3	3	3	3	3	4	3	2	2	83.0	
	15.0	13.5	12.0	10.5	9.0	7.5	8.0	4.5	2.0	1.0	
PROJECT: Duck Creek, Sunset to Sandhill											
DCWA 0648, 0656 & 0670	3	3	3	3	3	3	3	3	3	82.5	
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.5	
PROJECT: Blue Diamond Channel 02, I-15 to Decatur											
BD02 0125 thru 0312 & 0359	3	3	3.0	3	4	3	4	1	1	1	81.5
	15.0	13.5	12.0	10.5	12.0	7.5	8.0	1.5	1.0	0.5	
PROJECT: Blue Diamond Wash - Arville to I-15											
BDWA 0276	3	3	2.5	3	3	3	3	3	3	4	81.0
	15.0	13.5	10.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	
PROJECT: Duck Creek Wash Tributary 4 - Jones to Decatur											
DCW4 0216 thru 0224	3	3	2.5	3	3	3	3	3	3	3	80.5
	15.0	13.5	10.0	10.5	9.0	7.5	6.0	4.5	3.0	1.5	
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones											
DCW4 0298	3	3	2.5	3	3	3	3	3	3	3	80.5
	15.0	13.5	10.0	10.5	9.0	7.5	6.0	4.5	3.0	1.5	
PROJECT: Duck Creek @ Dean Martin											
DCWA 1447	3	3	3	2	3	4	3	3	1	3	79.5
	15.0	13.5	12.0	7.0	9.0	10.0	6.0	4.5	1.0	1.5	

EXHIBIT C

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012					FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022							
			Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22		
TOTAL PLAN					Annual Resources	\$531,644,997	\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261	
Unencumbered from previous year			\$72,532,760	Cumulative Available Resources	\$528,214,962	\$20,712,187	\$21,461,629	\$20,620,112	\$30,178,044	\$10,038,982	\$20,863,877	\$15,614,463	\$13,888,009	\$25,005,210	\$3,430,035		
ENTITY RESOURCES					Annual Resources	\$54,596,485	\$15,239,370	\$2,687,305	\$3,043,328	\$3,458,625	\$3,905,794	\$4,356,802	\$4,915,906	\$5,388,952	\$5,624,542	\$5,975,862	
Unencumbered from previous year			\$11,587,159	Cumulative Available Resources		\$1,080,479	\$1,292,944	\$1,981,778	\$1,151,051	\$1,859,936	\$901,285	\$435,578	\$208,783	\$1,415,148	\$6,140,392		
ENTITY TOTAL					\$625,659,062	\$223,322,208	\$48,456,094	\$14,158,891	\$2,474,839	\$2,354,494	\$4,289,353	\$3,196,908	\$5,315,453	\$5,381,613	\$5,615,746	\$4,418,177	\$1,250,619
HYDROGRAPHIC BASIN: PITTMAN					\$471,269,388	\$177,367,908	\$32,516,554	\$6,925,043	\$2,474,839	\$2,354,494	\$751,581	\$3,196,908	\$4,565,710	\$5,381,613	\$5,615,746	\$0	\$1,250,619
SYSTEM: Pittman Burns					\$80,211,394	\$31,833,968	\$7,244,588	\$4,769,749	\$2,474,839	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Pittman West Horizon - Palm Hills																	
Design/Admin			PTWH 0032	Design Started 09/10	\$115,296	\$736,484	\$35,281										
Right-of-way				HEN12I09	\$0												
Construction					\$916,605		\$701,203										
PROJECT: Galleria to Boulder Hwy.																	
Design/Admin			PTSU 0000	Design Started 09/10	\$321,576	\$4,033,265	\$98,402										
Right-of-way				HEN12H09	\$257,261												
Construction				Eng. Est.	\$2,299,270		\$3,934,863										
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road																	
Design/Admin			PTHR 0104, 0139, 0140, 0150 & 0203 thru 0205	Design Started 09/10	\$458,981	\$2,474,839		\$141,853									
Right-of-way				HEN05E09	\$367,184												
Construction					\$3,019,461		\$2,332,987										
SYSTEM: Pittman Beltway					\$250,622,766	\$32,601,045	\$2,155,294	\$2,155,294	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights																	
Design/Admin			PTAP 0018	Design Started 09/10	\$120,056	\$2,155,294	\$36,737										
Right-of-way				HEN22A09	\$96,044												
Construction				Eng. Est.	\$858,397		\$2,118,557										
SYSTEM: Lower Pittman					\$135,413,191	\$36,269,083	\$8,012,347	\$0	\$0	\$1,818,392	\$530,882	\$2,607,392	\$0	\$3,055,681	\$0	\$0	\$0
PROJECT: Pittman MacDonald Ranch Debris Basin																	
Design/Admin			PTMR 0400 thru 0480		\$471,723	\$3,586,563			\$227,521			\$164,136					
Right-of-way					\$377,378				\$303,361								
Construction					\$3,324,085							\$2,891,545					
PROJECT: Whitney Wash Channel																	
Design/Admin			WWDC 0069	Design Started 09/10	\$57,601	\$2,607,392				\$18,892							
Right-of-way				HEN07D09	\$46,080												
Construction				Eng. Est.	\$411,844		\$2,588,500										
PROJECT: Pittman Wash Duck Creek at I-515																	
Design/Admin			PTDC 0074	Design Started 09/10	\$58,342	\$1,818,392		\$18,392									
Right-of-way				HEN01H09	\$46,674												
Construction				Eng. Est.	\$417,145		\$1,800,000										
SYSTEM: Upper Pittman					\$4,797,807	\$67,042,790	\$15,104,325	\$0	\$0	\$536,102	\$220,699	\$589,517	\$4,565,710	\$2,325,932	\$5,615,746	\$0	\$1,250,619
PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer																	
Design/Admin			PTNO 0000 thru 0073		\$1,707,461	\$2,141,775								\$917,904			
Right-of-way					\$1,365,969								\$1,223,872				
Construction					\$12,208,348												
PROJECT: Pittman North Detention Basin Outfall																	
Design/Admin			PTNO 0180	25% Design left	\$716,046	\$5,101,813		\$84,648		\$241,892							
Right-of-way					\$572,837			\$451,455									
Construction					\$5,119,728					\$4,323,818							
PROJECT: Pittman North Detention Basin																	
Design/Admin			PTNO 0181 thru 0183	25% Design left	\$1,830,317	\$2,546,631			\$220,699			\$159,215					
Right-of-way					\$1,464,253												
Construction				25% left after mining	\$9,963,327					\$2,166,717							
PROJECT: Pittman North Detention Basin to Larson Lane																	
Design/Admin			PTSD 0000 thru 0043		\$513,552	\$4,063,487				\$252,650				\$184,052			
Right-of-way					\$410,842					\$336,867							
Construction					\$3,671,895							\$3,289,919					
PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.																	
Design/Admin			PTLA 0000 thru 0126		\$939,781	\$1,250,619										\$535,978	
Right-of-way					\$751,827											\$714,640	
Construction					\$6,719,446												

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012				FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022							
		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22		
TOTAL PLAN				Annual Resources	\$531,644,997	\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261	
Unencumbered from previous year		\$72,532,760	Cumulative Available Resources	\$528,214,962	\$20,712,187	\$21,461,629	\$20,620,112	\$30,178,044	\$10,038,982	\$20,863,877	\$15,614,463	\$13,888,009	\$25,005,210	\$3,430,035		
ENTITY RESOURCES				Annual Resources	\$54,596,485	\$15,239,370	\$2,687,305	\$3,043,328	\$3,458,625	\$3,905,794	\$4,356,802	\$4,915,906	\$5,388,952	\$5,624,542	\$5,975,862	
Unencumbered from previous year		\$11,587,159	Cumulative Available Resources		\$1,080,479	\$1,292,944	\$1,981,778	\$1,151,051	\$1,859,936	\$901,285	\$435,578	\$208,783	\$1,415,148	\$6,140,392		
ENTITY TOTAL		\$625,659,062	\$223,322,208	\$48,456,094	\$14,158,891	\$2,474,839	\$2,354,494	\$4,289,353	\$3,196,908	\$5,315,453	\$5,381,613	\$5,615,746	\$4,418,177	\$1,250,619		
HYDROGRAPHIC BASIN: C-1		\$154,389,674	\$45,954,300	\$15,939,540	\$7,233,848	\$0	\$0	\$3,537,772	\$0	\$749,743	\$0	\$0	\$4,418,177	\$0		
SYSTEM: C-1		\$154,389,674	\$45,954,300	\$15,939,540	\$7,233,848	\$0	\$0	\$3,537,772	\$0	\$749,743	\$0	\$0	\$4,418,177	\$0		
	PROJECT: Center Street Storm Drain															
	Design/Admin	C1CT 0000 thru 0048	Design Started 09/10	\$582,908	\$3,537,772				\$187,432							
	Right-of-way		HEN23A09	\$466,326												
	Construction			\$4,167,789				\$3,350,340								
	PROJECT: Racetrack Channel - Drake to Burkholder															
	Design/Admin	C1RT 0001 thru 0041	Design Started 09/10	\$403,757	\$2,331,999	\$123,550										
	Right-of-way		HEN04P09	\$323,006												
	Construction			\$2,886,862		\$2,208,449										
	PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road															
	Design/Admin	C1FK 0040	Design Started 09/10	\$93,104	\$537,743	\$28,490										
	Right-of-way		HEN04O09	\$74,483												
	Construction			\$665,691		\$509,254										
	PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead															
	Design/Admin	C1CH 0161		\$634,109	\$5,167,920					\$321,318				\$234,076		
	Right-of-way			\$507,287				\$428,424								
	Construction			\$4,533,880								\$4,184,102				
	PROJECT: Equestrian Detention Basin Expansion															
	Design/Admin	C1EQ 0160	Design Started 09/10	\$108,900	\$857,323	\$33,323										
	Right-of-way		HEN06H09	\$87,120												
	Construction		Eng. Est.	\$683,348		\$824,000										
	PROJECT: Equestrian Tributary, Phase II															
	Design/Admin	C1E1 0044	Design Started 09/10	\$467,330	\$3,506,782	\$143,003										
	Right-of-way		HEN06I09	\$0												
	Construction		Eng. Est.	\$3,715,307		\$3,363,779										

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012					FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022							
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22			
TOTAL PLAN					\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261			
Unencumbered from previous year		\$72,532,760	Cumulative Available Resources	\$531,644,997 \$528,214,962	\$20,712,187	\$21,461,629	\$20,620,112	\$30,178,044	\$10,038,982	\$20,863,877	\$15,614,463	\$13,888,009	\$25,005,210	\$3,430,035			
ENTITY RESOURCES					\$38,648,641	\$12,125,011	\$13,731,372	\$15,605,179	\$17,622,786	\$19,657,716	\$22,180,369	\$24,314,734	\$25,377,709	\$26,962,851			
Unencumbered from previous year		\$22,170,012	Cumulative Available Resources	\$216,226,367	\$290,193	\$4,915,205	\$6,554,162	\$5,761,754	\$1,260,341	\$3,440,688	\$5,609,735	\$938,015	\$10,518,433	(\$3,613,915)			
ENTITY TOTAL					\$1,034,304,336	\$1,268,245,462	\$219,840,282	\$38,358,447	\$7,500,000	\$12,092,415	\$16,397,587	\$22,124,198	\$17,477,369	\$20,011,323	\$28,986,453	\$15,797,291	\$41,095,199
HYDROGRAPHIC BASIN: CENTRAL			\$471,498,118	\$596,976,376	\$114,235,415	\$250,000	\$7,500,000	\$7,758,699	\$0	\$21,222,446	\$1,935,994	\$2,432,940	\$16,242,845	\$15,797,291	\$41,095,199		
SYSTEM: LV Wash I-15 Tributary			\$87,415,667	\$134,584,448	\$15,932,860	\$0	\$0	\$7,758,699	\$0	\$0	\$0	\$0	\$532,249	\$0	\$7,641,912		
PROJECT: Freeway Channel - Washington, Valley View to Decatur																	
Design/Admin	LV15 0602		\$940,817	\$536,569												\$536,569	
Right-of-way			\$752,654														
Construction			\$6,726,843														
PROJECT: Freeway Channel - Washington, Rancho to Valley View																	
Design/Admin	LV15 0528		\$990,076	\$7,637,592								\$532,249				\$376,442	
Right-of-way			\$792,061														
Construction			\$7,079,045												\$6,728,901		
PROJECT: Freeway Channel - Washington, MLK to Rancho																	
Design/Admin	LV15 0424, 0472 & 0474	Design Started 11/12	\$1,303,944	\$7,758,699			\$411,057										
Right-of-way		LAS14C11	\$1,043,155														
Construction			\$9,323,200				\$7,347,642										
SYSTEM: LV Wash Central			\$382,105,195	\$240,460,892	\$37,405,744	\$0	\$0	\$0	\$0	\$20,977,798	\$0	\$1,040,679	\$1,077,777	\$0	\$14,309,490		
PROJECT: Las Vegas Wash - Charleston to Cedar																	
Design/Admin	LVMD 1071 thru 1121		\$997,908	\$9,150,000					\$300,000								
Right-of-way			\$798,326														
Construction			\$7,135,039						\$8,850,000								
PROJECT: Oakley - Meadows Storm Drain																	
3rd Supplement Construction	MEOK 0000 thru 0048 LCME 0026 thru 0070 MEPA 0022			\$0													
Design/Admin	MEOK 0070 thru 0110	Design Started 03/04 LAS05E03	\$1,502,879	\$11,827,798													
Construction			\$21,485,887														
Design/Admin			MEOK 0150 thru 0217		\$981,664			\$321,963									
Construction		\$14,032,492				\$11,505,835											
PROJECT: Cedar Avenue Channel - Charleston																	
Design/Admin	CACN 0001		\$537,772	\$289,098								\$289,098					
Right-of-way			\$430,217														
Construction			\$3,845,068														
PROJECT: Cedar Avenue Channel - Stewart																	
Design/Admin	CNST 0000		\$474,878	\$255,287								\$255,287					
Right-of-way			\$379,903														
Construction			\$3,395,379														
PROJECT: Owens Avenue East - LV Wash to Mojave																	
Design/Admin	LVOE 0000		\$1,993,920	\$15,350,169							\$1,040,679				\$758,119		
Right-of-way			\$1,595,136														
Construction			\$14,256,529											\$13,551,371			
PROJECT: Owens Avenue East - Mojave to Eastern																	
Design/Admin	LVOE 0085		\$992,204	\$533,393								\$533,393					
Right-of-way			\$793,763														
Construction			\$7,094,257														

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012					FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022							
		Fac. ID	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22		
TOTAL PLAN					Annual Resources	\$531,644,997	\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261	
Unencumbered from previous year		\$72,532,760	Cumulative Available Resources		\$528,214,962	\$20,712,187	\$21,461,629	\$20,620,112	\$30,178,044	\$10,038,982	\$20,863,877	\$15,614,463	\$13,888,009	\$25,005,210	\$3,430,035		
ENTITY RESOURCES					Annual Resources	\$216,226,367	\$38,648,641	\$12,125,011	\$13,731,372	\$15,605,179	\$17,622,786	\$19,657,716	\$22,180,369	\$24,314,734	\$25,377,709	\$26,962,851	
Unencumbered from previous year		\$22,170,012	Cumulative Available Resources		\$290,193	\$4,915,205	\$6,554,162	\$5,761,754	\$1,260,341	\$1,260,341	\$3,440,688	\$5,609,735	\$938,015	\$10,518,433	(\$3,613,915)		
ENTITY TOTAL					\$1,034,304,336	\$1,268,245,462	\$219,840,282	\$38,358,447	\$7,500,000	\$12,092,415	\$16,397,587	\$22,124,198	\$17,477,369	\$20,011,323	\$28,986,453	\$15,797,291	\$41,095,199
SYSTEM: Sahara Boulder Highway			\$1,977,256	\$221,931,036	\$60,896,811	\$250,000	\$7,500,000	\$0	\$0	\$244,648	\$1,935,994	\$1,392,261	\$14,632,819	\$15,797,291	\$19,143,797		
PROJECT: Boulder Highway Sahara Avenue - Mojave to Boulder Hwy																	
Design/Admin		BHSA 0000	Design Started 09/10	\$497,288	\$3,858,603	\$250,000				\$244,648			\$178,223				
Right-of-way			LAS27A09	\$397,831													
Construction				\$3,555,611						\$3,185,732							
PROJECT: Boulder Highway Sahara Avenue - Eastern to Mojave																	
Design/Admin		BHSA 0026		\$1,553,335	\$11,294,798						\$787,113		\$556,699				
Right-of-way				\$1,242,668													
Construction				\$11,106,345						\$9,950,987							
PROJECT: Sahara Avenue - Eastern Lateral																	
Design/Admin		SAEA 0000		\$389,599	\$2,911,966						\$197,419			\$143,817			
Right-of-way				\$311,679													
Construction				\$2,785,635						\$2,570,730							
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern																	
Design/Admin		BHSA 0075		\$1,877,672	\$14,034,206						\$951,462			\$693,126			
Right-of-way				\$1,502,137													
Construction				\$13,425,353						\$12,389,619							
PROJECT: Boulder Highway Sahara Avenue - L.V. Blvd. to Maryland																	
Design/Admin		BHSA 0175		\$2,667,545	\$20,536,058							\$1,392,261			\$1,014,241		
Right-of-way				\$2,134,036													
Construction				\$19,072,943								\$18,129,556					
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb																	
Design/Admin		LVBZ 0000		\$1,415,926	\$761,179								\$761,179				
Right-of-way				\$1,132,741													
Construction				\$10,123,873													
PROJECT: Flamingo - Boulder Hwy. North, Main St.																	
Design/Admin		FLBN 0342	Design Started 10/11	\$399,028	\$7,500,000		\$500,000										
Right-of-way			LAS29A10	\$319,223													
Construction				Engr's Est.		\$2,853,055		\$7,000,000									
HYDROGRAPHIC BASIN: GOWAN			\$367,632,819	\$231,300,483	\$21,514,953	\$9,134,203	\$0	\$0	\$347,979	\$471,187	\$0	\$4,738,306	\$6,823,278	\$0	\$0		
SYSTEM: Gowan North			\$195,013,054	\$230,164,471	\$21,514,953	\$9,134,203	\$0	\$0	\$347,979	\$471,187	\$0	\$4,738,306	\$6,823,278	\$0	\$0		
PROJECT: Angel Park North - Detention Basin																	
Design/Admin		APNO 0001	Design Started 09/10	\$90,347	\$9,134,203	\$830,382											
Right-of-way			LAS01D09	\$72,277													
Construction				\$566,925		\$8,303,821											
PROJECT: Gowan Outfall - El Capitan Branch, Lone Mtn to Washburn																	
Design/Admin		GOEC 0000 thru 0026		\$721,470	\$5,086,285				\$347,979		\$251,036						
Right-of-way				\$577,176													
Construction				\$5,158,512					\$4,487,270								
PROJECT: Gowan Outfall - El Capitan Branch, Washburn to Ann Road																	
Design/Admin		GOEC 0051 thru 0076		\$640,614	\$344,384								\$344,384				
Right-of-way				\$512,492													
Construction				\$4,580,393													
PROJECT: Gowan Outfall - Rancho, Craig to Alexander																	
Design/Admin		GOAL 0100 thru 0111		\$957,765	\$6,950,081					\$471,187			\$343,253				
Right-of-way				\$766,212													
Construction				\$6,848,019						\$6,135,641							

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012					FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022						
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22	
TOTAL PLAN					Annual Resources	\$531,644,997	\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261
Unencumbered from previous year		\$72,532,760	Cumulative Available Resources		\$528,214,962	\$20,712,187	\$21,461,629	\$20,620,112	\$30,178,044	\$10,038,982	\$20,863,877	\$15,614,463	\$13,888,009	\$25,005,210	\$3,430,035	
ENTITY RESOURCES					Annual Resources	\$38,648,641	\$12,125,011	\$13,731,372	\$15,605,179	\$17,622,786	\$19,657,716	\$22,180,369	\$24,314,734	\$25,377,709	\$26,962,851	
Unencumbered from previous year		\$22,170,012	Cumulative Available Resources		\$216,226,367	\$290,193	\$4,915,205	\$6,554,162	\$5,761,754	\$1,260,341	\$3,440,688	\$5,609,735	\$938,015	\$10,518,433	(\$3,613,915)	
ENTITY TOTAL			\$1,034,304,336	\$1,268,245,462	\$219,840,282	\$38,358,447	\$7,500,000	\$12,092,415	\$16,397,587	\$22,124,198	\$17,477,369	\$20,011,323	\$28,986,453	\$15,797,291	\$41,095,199	
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH			\$195,173,399	\$439,968,603	\$84,089,914	\$28,974,244	\$0	\$4,333,716	\$16,049,608	\$430,565	\$15,541,374	\$12,840,077	\$5,920,330	\$0	\$0	
SYSTEM: Ann Road			\$81,265,485	\$33,976,666	\$20,066,486	\$13,116,244	\$0	\$3,181,151	\$257,863	\$0	\$0	\$3,511,228	\$0	\$0	\$0	
PROJECT: Rancho Road System - Fort Apache to Grand Canyon																
	Design/Admin	RCHB 0275	Design Started 11/12	\$534,631	\$3,181,151			\$168,538								
	Right-of-way		LAS16L11	\$427,705												
	Construction			\$3,822,614				\$3,012,613								
PROJECT: Rancho Road System - Grand Canyon to Hualapai																
	Design/Admin	RCHB 0295		\$534,631	\$3,769,091				\$257,863			\$186,025				
	Right-of-way			\$427,705												
	Construction			\$3,822,614						\$3,325,203						
PROJECT: Rancho Road System - Beltway to Echelon Point																
	Design/Admin	RCHB 0227	Design Started 09/10	\$537,241	\$3,102,968	\$164,396										
	Right-of-way		LAS16J09	\$429,793												
	Construction			\$3,841,271		\$2,938,572										
PROJECT: Rancho Road System - Echelon Point to Elkhorn																
	Design/Admin	RCHB 0250	Design Started 09/10	\$912,230	\$5,268,815	\$279,142										
	Right-of-way		LAS16J09	\$729,784												
	Construction			\$6,522,448		\$4,989,673										
PROJECT: Ann Road Channel West - Rainbow Blvd.																
	Design/Admin	ANRB 0000	Design Started 09/10	\$333,017	\$4,744,461	\$310,386										
	Right-of-way		LAS16I09	\$266,414												
	Construction			\$2,381,073		\$4,434,075										
SYSTEM: Upper Western Tributary			\$83,168,252	\$272,039,763	\$64,023,428	\$15,858,000	\$0	\$1,152,565	\$15,791,746	\$430,565	\$15,541,374	\$9,328,848	\$5,920,330	\$0	\$0	
PROJECT: Centennial Parkway Channel West - US 95, Deer Springs to Elkhorn																
	Design/Admin	CN95 0000		\$516,176	\$3,535,364			\$244,080			\$174,373					
	Right-of-way			\$412,941												
	Construction			\$3,690,659						\$3,116,911						
PROJECT: Centennial Parkway Channel West - US 95, Elkhorn to Durango																
	Design/Admin	CN95 0068		\$1,420,441	\$10,013,954				\$685,106			\$494,243				
	Right-of-way			\$1,136,353												
	Construction			\$10,156,156						\$8,834,605						
PROJECT: Centennial Parkway Channel West - CC 215, Pioneer to US 95																
	Design/Admin	CNWE 0301 thru 0304		\$2,628,332	\$15,106,640											
	Right-of-way			\$2,102,533												
	Construction			\$18,792,507					\$15,106,640							
PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Deer Springs																
	Design/Admin	CNWE 0325		\$1,316,000	\$9,013,135			\$622,286			\$444,566					
	Right-of-way			\$1,053,000												
	Construction			\$9,409,000						\$7,946,283						
PROJECT: Brent Drainage System - Durango to El Capitan																
	Design/Admin	BRDB 0107 thru 0157		\$875,193	\$6,350,895					\$430,565			\$313,660			
	Right-of-way			\$700,155												
	Construction			\$6,257,632								\$5,606,670				
PROJECT: Brent Drainage System - Floyd Lamb Park to Durango																
	Design/Admin	BRDB 0043		\$605,249	\$4,145,440			\$286,199			\$204,463					
	Right-of-way			\$484,200												
	Construction			\$4,327,534						\$3,654,778						
PROJECT: Las Vegas Wash - Grand Teton, Mountain Spa to Durango																
	Design/Admin	LVMD 2632 thru 2789	Design Started 08/09	\$2,195,000	\$15,858,000	\$1,038,000										
	Right-of-way		LAS22K08	\$0												
	Construction			\$17,473,000		\$14,820,000										

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012					FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022							
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22		
TOTAL PLAN					Annual Resources	\$531,644,997	\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261	
Unencumbered from previous year		\$72,532,760	Cumulative Available Resources		\$528,214,962	\$20,712,187	\$21,461,629	\$20,620,112	\$30,178,044	\$10,038,982	\$20,863,877	\$15,614,463	\$13,888,009	\$25,005,210	\$3,430,035		
ENTITY RESOURCES					Annual Resources	\$83,688,198	\$13,784,336	\$4,773,037	\$5,405,385	\$6,143,013	\$6,937,248	\$7,738,303	\$8,731,351	\$9,571,548	\$9,989,991	\$10,613,985	
Unencumbered from previous year		\$7,297,488	Cumulative Available Resources			\$8,345,349	\$1,824,603	\$1,244,218	\$6,261,317	\$1,678,904	\$2,841,174	\$2,199,398	\$4,226,628	\$2,419,158	\$1,188,387		
ENTITY TOTAL			\$498,594,396	\$457,902,928	\$82,499,811	\$5,438,988	\$11,293,783	\$5,985,770	\$1,125,914	\$11,519,661	\$6,576,033	\$9,373,127	\$7,544,318	\$11,797,461	\$11,844,757		
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH			\$269,907,523	\$225,301,453	\$17,506,423	\$5,088,448	\$7,285,769	\$3,704,001	\$0	\$0	\$0	\$0	\$601,771	\$826,433	\$0		
SYSTEM: Lower Western Tributary			\$101,096,096	\$22,970,596	\$6,765,145	\$4,197,848	\$1,139,093	\$0	\$0	\$0	\$0	\$0	\$601,771	\$826,433	\$0		
	PROJECT: Las Vegas Boulevard Drain																
	Design/Admin	LVLV 0000		\$1,119,400	\$1,428,204									\$601,771			
	Right-of-way			\$895,520									\$826,433				
	Construction			\$8,003,707													
	PROJECT: Colton Channel I-15 to Fifth Street																
	Design/Admin	LVCL 0000	Design Started 07/08	\$609,764	\$3,521,844	\$186,588											
	Right-of-way		NLV18A07	\$487,811													
	Construction			\$4,359,812		\$3,335,256											
	PROJECT: Brooks Channel																
	Design/Admin	LVBR 0000, 0005, 0011, 0014, 0026	Design Started 07/08	\$73,089	\$466,873	\$22,365											
	Right-of-way		NLV18B07	\$58,471		\$44,730											
	Construction			\$522,585		\$399,778											
	PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan																
	Design/Admin	LVNC 0038		\$195,267	\$1,348,224	\$89,628	\$60,349										
	Right-of-way			\$156,214		\$119,504											
	Construction			\$1,396,161			\$1,078,744										
SYSTEM: LV Wash Craig			\$122,551,526	\$52,864,411	\$10,741,277	\$890,600	\$6,146,676	\$3,704,001	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Fifth Street Collector - Centennial to Deer Springs																	
Design/Admin	LV5C 0000 & 0002		\$608,747	\$4,368,673	\$279,415		\$191,902										
Right-of-way			\$498,618			\$385,257											
Construction			\$4,456,396			\$3,512,099											
PROJECT: Ann Road Channel East, Las Vegas Wash to Fifth Street																	
Design/Admin	ANEA 0008 & 0040	Design Started 11/12	\$790,534	\$6,372,604		\$244,322											
Right-of-way		NLV01G11	\$798,935		\$611,185												
Construction			\$7,140,486			\$5,517,097											
HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH			\$75,173,771	\$17,315,363	\$3,000,000	\$200,000	\$2,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
SYSTEM: Lower Las Vegas Wash			\$75,173,771	\$17,315,363	\$3,000,000	\$200,000	\$2,800,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Las Vegas Wash, Sloan Channel to Flamingo Confluence																	
Design/Admin	LVMD 0883 & 0911		\$427,273	\$3,000,000	\$200,000	\$130,000											
Right-of-way			\$341,818														
Construction			\$3,008,874			\$2,670,000											

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012					FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022								
		Fac. ID	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22			
TOTAL PLAN					Annual Resources	\$531,644,997	\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261		
Unencumbered from previous year		\$72,532,760	Cumulative Available Resources		\$528,214,962	\$20,712,187	\$21,461,629	\$20,620,112	\$30,178,044	\$10,038,982	\$20,863,877	\$15,614,463	\$13,888,009	\$25,005,210	\$3,430,035			
ENTITY RESOURCES					Annual Resources	\$83,688,198	\$13,784,336	\$4,773,037	\$5,405,385	\$6,143,013	\$6,937,248	\$7,738,303	\$8,731,351	\$9,571,548	\$9,989,991	\$10,613,985		
Unencumbered from previous year		\$7,297,488	Cumulative Available Resources			\$8,345,349	\$1,824,603	\$1,244,218	\$6,261,317	\$1,678,904	\$2,841,174	\$2,199,398	\$4,226,628	\$2,419,158	\$1,188,387			
ENTITY TOTAL						\$498,594,396	\$457,902,928	\$82,499,811	\$5,438,988	\$11,293,783	\$5,985,770	\$1,125,914	\$11,519,661	\$6,576,033	\$9,373,127	\$7,544,318	\$11,797,461	\$11,844,757
HYDROGRAPHIC BASIN:		RANGE	\$153,513,102	\$215,286,112	\$61,993,388	\$150,539	\$1,208,013	\$2,281,769	\$1,125,914	\$11,519,661	\$6,576,033	\$9,373,127	\$6,942,546	\$10,971,028	\$11,844,757			
SYSTEM: Lower Range			\$78,320,739	\$34,332,276	\$10,354,806	\$0	\$212,474	\$0	\$348,745	\$474,293	\$0	\$4,854,300	\$405,457	\$0	\$4,059,537			
	PROJECT: Range Wash - Alto Conveyance, Confluence DB to Los Feliz												\$295,236			\$215,075		
	Design/Admin	RWAL 0000 thru 0068		\$565,666	\$4,760,229													
	Right-of-way			\$452,532								\$405,457						
	Construction			\$4,044,512										\$3,844,462				
	PROJECT: Orchard Collector - Charleston to Linden																	
	Design/Admin	SLOR 0158	Design Started 00/01	\$22,449	\$212,474		\$6,938											
	Right-of-way		CLA21A00	\$35,918														
	Construction			\$266,014			\$205,536											
	PROJECT: Owens Detention Basin & Outfall																	
	Design/Admin	SLWA 0130 thru 0175; & SLOW 0000 thru 0005		\$723,059	\$5,382,103				\$348,745			\$251,589						
	Right-of-way			\$578,447					\$474,293									
	Construction			\$4,951,822						\$4,307,475								
SYSTEM: West Range			\$73,386,808	\$134,004,822	\$24,944,465	\$150,539	\$995,540	\$2,281,769	\$449,182	\$10,599,307	\$4,714,304	\$0	\$5,753,825	\$0	\$0			
	PROJECT: Beltway Detention Basin & Channel																	
	Design/Admin	RWRR 0107 thru 0221		\$698,471	\$4,919,088			\$330,280			\$235,955							
	Right-of-way			\$558,778					\$449,182									
	Construction			\$4,622,241						\$3,903,670								
	PROJECT: Centennial Collector																	
	Design/Admin	RWCC 0000		\$327,972	\$2,304,753	\$150,539		\$103,390										
	Right-of-way			\$262,377			\$202,726											
	Construction			\$2,344,996			\$1,848,098											
	PROJECT: Vandenberg North Detention Basin, Collection & Outfall																	
	Design/Admin	RWWE 0397 thru 0439		\$1,710,162	\$10,973,665		\$792,814			\$560,894								
	Right-of-way			\$1,368,132														
	Construction			\$11,732,480					\$9,619,957									
PROJECT: Beltway Collection System - Pecos																		
Design/Admin	RWWWE 0463 & RWBW 0000		\$850,579	\$6,746,959					\$418,455			\$304,838						
Right-of-way			\$680,463						\$574,679									
Construction			\$6,081,640						\$5,448,986									
SYSTEM: East Range			\$1,805,555	\$46,949,014	\$26,694,118	\$0	\$0	\$0	\$327,987	\$446,062	\$1,861,729	\$4,518,827	\$783,265	\$10,971,028	\$7,785,220			
	PROJECT: Hollywood System, Las Vegas Blvd to Azure																	
	Design/Admin	RWHW 0173 thru 0201		\$1,574,592	\$12,832,757						\$797,884				\$581,246			
	Right-of-way			\$1,259,673						\$1,063,845								
	Construction			\$11,258,336									\$10,389,782					
	PROJECT: Hollywood System, Azure to Speedway #2 Detention Basin																	
	Design/Admin	RWHW 0277 thru 0412		\$1,092,759	\$9,138,824							\$570,339				\$415,484		
	Right-of-way			\$874,206								\$783,265						
	Construction			\$7,753,227									\$7,369,736					
	PROJECT: Speedway North Detention Basin																	
	Design/Admin	RWHW 0500		\$680,020	\$4,722,536				\$327,987			\$236,613						
	Right-of-way			\$544,016						\$446,062								
	Construction			\$4,267,126						\$3,711,874								

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012					FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022							
		Fac. ID	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22		
TOTAL PLAN																	
Unencumbered from previous year		\$72,532,760	Annual Resources		\$531,644,997	\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261		
			Cumulative Available Resources		\$528,214,962	\$20,712,187	\$21,461,629	\$20,620,112	\$30,178,044	\$10,038,982	\$20,863,877	\$15,614,463	\$13,888,009	\$25,005,210	\$3,430,035		
ENTITY RESOURCES																	
Unencumbered from previous year		\$31,108,251	Annual Resources		\$165,037,332	\$42,481,069	\$8,368,144	\$9,476,784	\$10,770,002	\$12,162,464	\$13,566,883	\$15,307,906	\$16,780,950	\$17,514,568	\$18,608,563		
			Cumulative Available Resources			\$11,759,527	\$13,263,630	\$10,662,989	\$16,206,542	\$4,506,378	\$13,284,215	\$10,342,978	\$13,425,703	\$15,326,790	\$4,191,175		
ENTITY TOTAL					\$1,220,870,885	\$748,184,176	\$160,846,157	\$30,721,542	\$6,864,041	\$12,077,425	\$5,226,449	\$23,862,628	\$4,789,046	\$18,249,143	\$13,698,225	\$15,613,480	\$29,744,178
HYDROGRAPHIC BASIN: Tropicana/ Flamingo			\$827,922,279	\$237,488,121	\$71,021,272	\$12,665,079	\$247,028	\$9,614,905	\$4,911,275	\$23,000,000	\$0	\$513,494	\$1,836,954	\$6,854,976	\$11,377,562		
SYSTEM: Tropicana Flamingo Project			\$439,474,908	\$57,520,990	\$11,168,400	\$11,168,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral																	
Design/Admin		FLOQ 0000	Design Started 04/05	\$1,226,044	\$1,845,000	\$150,000											
Right-of-way			CLA01B04	\$980,836													
Construction			Eng. Est.	\$8,766,218		\$1,695,000											
PROJECT: Flamingo Diversion - Rainbow Branch - Russell to Sunset																	
Design/Admin		FLRB 0050 thru 0062	Desigh Started 08/09	\$1,154,622	\$9,323,400	\$758,000											
Right-of-way			CLA27C08	\$923,697													
Construction			Eng. Est.	\$8,255,548		\$8,565,400											
SYSTEM: Lower Flamingo			\$276,594,452	\$122,597,305	\$33,231,503	\$1,230,000	\$247,028	\$0	\$1,386,005	\$23,000,000	\$0	\$513,494	\$0	\$6,854,976	\$0		
PROJECT: Las Vegas Wash - Flamingo Confluence to Charleston																	
Design/Admin		LVMD 0916 thru 1069		\$4,218,249	\$23,000,000					\$1,400,000							
Right-of-way				\$3,374,599													
Construction				\$29,013,123						\$21,600,000							
PROJECT: Wagon Trail Channel - Sunset to Teco																	
Design/Admin		WGTR 0111		\$228,368	\$1,633,033		\$105,869		\$73,431								
Right-of-way				\$182,694			\$141,159										
Construction				\$1,632,829					\$1,312,574								
PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos																	
Design/Admin		VAVD 0000 & 0025		\$983,845	\$7,368,470							\$513,494		\$363,177			
Right-of-way				\$787,076													
Construction				\$7,034,493										\$6,491,798			
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.																	
Design/Admin		FLWA 0893 & 0896	Design Started 09/10	\$41,525	\$1,230,000	\$100,000											
Right-of-way			CLA10F10	\$33,220													
Construction			Eng. Est.	\$296,901		\$1,130,000											
SYSTEM: Lower LV Wash Tributaries			\$22,192,092	\$49,964,867	\$26,621,369	\$266,679	\$0	\$9,614,905	\$3,525,270	\$0	\$0	\$0	\$1,836,954	\$0	\$11,377,562		
PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista																	
Design/Admin		LV01 0151		\$581,000	\$3,791,949	\$266,679			\$186,818								
Right-of-way				\$465,000													
Construction				\$4,153,000					\$3,338,452								
PROJECT: Las Vegas Wash - Boulder Highway																	
Design/Admin		LVBH 0000		\$1,585,378	\$12,229,835								\$852,274		\$602,785		
Right-of-way				\$1,268,302													
Construction				\$11,335,452											\$10,774,777		
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris																	
Design/Admin		LV01 0001 thru 0135	Design Started 11/12	\$1,616,160	\$9,614,905			\$509,480									
Right-of-way			CLA35A11	\$1,292,529													
Construction				\$11,553,597				\$9,105,424									
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.																	
Design/Admin		LV02 0001 thru 0294		\$1,831,677	\$984,680								\$984,680				
Right-of-way				\$1,465,341													
Construction				\$12,817,431													

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012					FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022						
		Fac. ID	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22	
TOTAL PLAN																
Unencumbered from previous year		\$72,532,760	Cumulative Available Resources		\$531,644,997	\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261	
ENTITY RESOURCES																
Unencumbered from previous year		\$31,108,251	Cumulative Available Resources		\$165,037,332	\$42,481,069	\$8,368,144	\$9,476,784	\$10,770,002	\$12,162,464	\$13,566,883	\$15,307,906	\$16,780,950	\$17,514,568	\$18,608,563	
ENTITY TOTAL																
			\$1,220,870,885	\$748,184,176	\$160,846,157	\$30,721,542	\$6,864,041	\$12,077,425	\$5,226,449	\$23,862,628	\$4,789,046	\$18,249,143	\$13,698,225	\$15,613,480	\$29,744,178	
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond			\$324,933,694	\$317,473,688	\$61,316,537	\$10,419,733	\$0	\$307,915	\$315,174	\$862,628	\$4,789,046	\$5,635,649	\$11,861,271	\$8,758,504	\$18,366,617	
SYSTEM: Blue Diamond Tributaries			\$40,999,871	\$84,772,428	\$24,982,154	\$8,010,239	\$0	\$307,915	\$315,174	\$535,936	\$4,152,070	\$4,291,614	\$7,369,206	\$0	\$0	
PROJECT: Blue Diamond Wash - Arville to I-15																
Design/Admin		BDWA 0276		\$651,174	\$4,459,985			\$307,915			\$219,977					
Right-of-way				\$520,939												
Construction				\$4,655,895						\$3,932,093						
PROJECT: Lower Blue Diamond DB Collector Channel																
Design/Admin		BDWA 0477 thru 0613	Resolution 04-4		\$8,010,239											
Right-of-way																
Construction																
PROJECT: Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.																
Design/Admin		DCBD 0075, 0082 & 0084		\$653,455	\$4,606,788				\$315,174			\$227,370				
Right-of-way				\$522,764												
Construction				\$4,672,206								\$4,064,244				
PROJECT: Blue Diamond Channel, Amigo to Rancho Destino																
Design/Admin		BDWA 0087 thru 0174		\$1,089,378	\$7,905,142					\$535,936			\$390,421			
Right-of-way				\$871,503												
Construction				\$7,789,055								\$6,978,784				
SYSTEM: Upper Duck Creek			\$69,101,764	\$116,698,799	\$33,104,317	\$282,752	\$0	\$0	\$0	\$326,692	\$562,175	\$1,344,035	\$4,492,065	\$7,729,981	\$18,366,617	
PROJECT: Blue Diamond Channel 02, I-15 to Decatur																
Design/Admin		BD02 0125 thru 0312 & 0359		\$2,113,130	\$16,153,840							\$1,102,898			\$803,444	
Right-of-way				\$1,690,504												
Construction				\$14,988,879												\$14,247,498
PROJECT: Blue Diamond Wash Railroad																
Design/Admin		BDW5 0026		\$462,014	\$3,839,564							\$241,137			\$175,665	
Right-of-way				\$369,611		\$282,752										
Construction				\$3,303,403												\$3,140,010
PROJECT: Duck Creek Wash Tributary 4 - Jones to Decatur																
Design/Admin		DCW4 0216 thru 0224		\$1,109,429	\$8,292,155						\$562,175			\$409,536		
Right-of-way				\$887,542												
Construction				\$7,932,412											\$7,320,445	
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones																
Design/Admin		DCW4 0298		\$664,055	\$4,818,757					\$326,692			\$237,990			
Right-of-way				\$531,244												
Construction				\$4,747,994									\$4,254,075			
SYSTEM: Lower Duck Creek			\$147,986,581	\$39,415,933	\$3,230,066	\$2,126,742	\$0	\$0	\$0	\$0	\$74,801	\$0	\$0	\$1,028,523	\$0	
PROJECT: Duck Creek @ Dean Martin																
Design/Admin		DCWA 1447		\$147,617	\$1,103,325						\$74,801			\$54,491		
Right-of-way				\$118,093												
Construction				\$1,055,458											\$974,032	
PROJECT: Duck Creek - Sunset to Sandhill																
Design/Admin		DCWA 0648, 0656 & 0670	Design Started 11/12	\$368,219	\$2,126,742	\$112,675										
Right-of-way			HEN24A11	\$294,575												
Construction				\$2,632,767		\$2,014,067										

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012					FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022						
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22	
TOTAL PLAN					Annual Resources	\$531,644,997	\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261
Unencumbered from previous year		\$72,532,760	Cumulative Available Resources		\$528,214,962	\$20,712,187	\$21,461,629	\$20,620,112	\$30,178,044	\$10,038,982	\$20,863,877	\$15,614,463	\$13,888,009	\$25,005,210	\$3,430,035	
ENTITY RESOURCES					Annual Resources	\$165,037,332	\$42,481,069	\$8,368,144	\$9,476,784	\$10,770,002	\$12,162,464	\$13,566,883	\$15,307,906	\$16,780,950	\$17,514,568	\$18,608,563
Unencumbered from previous year		\$31,108,251	Cumulative Available Resources			\$11,759,527	\$13,263,630	\$10,662,989	\$16,206,542	\$4,506,378	\$13,284,215	\$10,342,978	\$13,425,703	\$15,326,790	\$4,191,175	
ENTITY TOTAL			\$1,220,870,885	\$748,184,176	\$160,846,157	\$30,721,542	\$6,864,041	\$12,077,425	\$5,226,449	\$23,862,628	\$4,789,046	\$18,249,143	\$13,698,225	\$15,613,480	\$29,744,178	
HYDROGRAPHIC BASIN: Outlying Areas			\$68,014,912	\$193,222,367	\$28,508,348	\$7,636,730	\$6,617,013	\$2,154,605	\$0	\$0	\$0	\$12,100,000	\$0	\$0	\$0	
SYSTEM: Goodsprings			\$152,707	\$3,471,538	\$380,722	\$380,722	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Goodsprings - Phase I																
Design/Admin		GSEA 0000	Design Started 09/10	\$62,275	\$380,722	\$19,056										
Right-of-way		GSPA 0027 & 0029	GSP01B10	\$27,500		\$21,038										
Construction		GSRV 0019		\$445,266		\$340,628										
SYSTEM: Muddy River & Tributaries			\$11,813,000	\$104,600,000	\$21,558,578	\$3,846,210	\$5,612,368	\$0	\$0	\$0	\$0	\$12,100,000	\$0	\$0	\$0	
PROJECT: Fairgrounds - Detention Basin																
Design/Admin		FGWS 0000 thru 0166	Design Started 10/11	\$757,000	\$5,612,368		\$305,828									
Right-of-way			MOA03A11	\$0												
Construction				\$5,254,000			\$5,306,540									
PROJECT: Muddy River Logandale Levee																
Design/Admin		MRLL 0001, 0013, 0038	Design Started 09/10	\$451,000	\$3,846,210	\$312,700										
Right-of-way			MOA01F10	\$0												
Construction				\$2,676,000		\$3,533,510										
PROJECT: Ramos Ranch to Bryner Avenue																
Design/Admin		MRLV 0350, 0357, 0377 & 0388	MOA01B89	\$762,000	\$12,100,000							\$1,100,000				
Right-of-way				\$553,000												
Construction			Eng. Est.	\$5,452,000								\$11,000,000				
SYSTEM: Mount Charleston			\$671,995	\$1,156,969	\$910,385	\$0	\$71,277	\$839,108	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Rainbow Canyon Boulevard Bridge																
Design/Admin		MTCH 0001		\$153,750	\$910,385		\$71,277	\$48,468								
Right-of-way				\$0												
Construction				\$1,003,219			\$790,640									
SYSTEM: Laughlin			\$42,945,107	\$76,323,693	\$2,307,104	\$58,239	\$933,368	\$1,315,497	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Hiko Detention Basin Expansion																
Design/Admin		LUHS 0244		\$250,067	\$1,431,425		\$115,929	\$78,831								
Right-of-way				\$0												
Construction				\$1,569,167			\$1,236,665									
PROJECT: SR 163 at Casino Drive																
Design/Admin		LUBC 0000 thru 0031	Design Started 08/09	\$126,883	\$875,679	\$58,239	\$39,214									
Right-of-way			LAU04A08	\$31,728												
Construction				\$1,007,216			\$778,225									
SYSTEM: Searchlight			\$1,811,885	\$4,171,842	\$1,296,231	\$1,296,231	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Searchlight - South, Encinitas St. Storm Drain																
Design/Admin		SRSO 0000 thru 0030	Design Started 09/10	\$224,426	\$1,296,231	\$68,674										
Right-of-way			SEA03A09	\$0												
Construction				\$1,604,649		\$1,227,556										
SYSTEM: Bunkerville			\$10,620,218	\$3,498,325	\$2,055,327	\$2,055,327	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Windmill Wash Detention Basin Expansion																
Design/Admin		WIIWA 0039, WJUE 0000 & JEWA 0166	Design Started 10/11	\$317,580	\$2,055,327	\$97,179										
Right-of-way			BUN01D11	\$0												
Construction				\$2,559,670		\$1,958,148										

EXHIBIT C

CITY OF BOULDER CITY
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012					FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022					
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22	
TOTAL PLAN				Annual Resources	\$531,644,997	\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261
Unencumbered from previous year		\$72,532,760	Cumulative Available Resources	\$528,214,962	\$20,712,187	\$21,461,629	\$20,620,112	\$30,178,044	\$10,038,982	\$20,863,877	\$15,614,463	\$13,888,009	\$25,005,210	\$3,430,035	
ENTITY RESOURCES				Annual Resources	\$4,973,259	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unencumbered from previous year		\$3,246,493	Cumulative Available Resources		\$1,113,282	\$1,113,282	\$125,001	\$125,001	\$125,001	\$125,001	\$125,001	\$125,001	\$125,001	\$125,001	
ENTITY TOTAL		\$44,864,000	\$49,657,000	\$4,848,258	\$3,859,977	\$0	\$988,281	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
HYDROGRAPHIC BASIN: Boulder City		\$44,864,000	\$49,657,000	\$4,848,258	\$3,859,977	\$0	\$988,281	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
SYSTEM: Georgia/Buchanan		\$12,724,000	\$2,695,000	\$3,859,977	\$3,859,977	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: Buchanan Blvd., Phase III Improvements														
	Design/Admin	GBAP 0001, GBGR 0001 2nd Supplement Design/Admin Construction	Design Started 09/10	\$311,000	\$3,859,977	\$294,000									
			\$0												
			\$1,967,000	\$3,565,977											
SYSTEM: Hemenway		\$16,609,000	\$1,364,000	\$988,281	\$0	\$0	\$988,281	\$0	\$0	\$0	\$0	\$0	\$0		
	PROJECT: Hemenway System, Phase II Improvements														
	Design/Admin	HMLV 0006 & 0019 HMTB 0034, HMLM 0066 & 0085, HMWA 0005, 0105, 0158, 0173, 0175, & 0182	Design Started 09/10	\$180,000	\$988,281			\$56,743							
	Right-of-way		BOU01C10	\$0											
	Construction			\$1,182,000				\$931,538							

EXHIBIT C

CITY OF MESQUITE
10-YEAR CONSTRUCTION PROGRAM

Adopted June 14, 2012

Adopted June 14, 2012					FIRST FIVE YEARS 7/2012 THRU 6/2017					SECOND FIVE YEARS 7/2017 THRU 6/2022						
		Fac. ID	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15	(Year 4) FY 15/16	(Year 5) FY 16/17	(Year 6) FY 17/18	(Year 7) FY 18/19	(Year 8) FY 19/20	(Year 9) FY 20/21	(Year 10) FY 21/22	
TOTAL PLAN		Annual Resources			\$531,644,997	\$40,717,272	\$28,953,497	\$32,656,869	\$36,976,819	\$41,628,292	\$46,319,703	\$52,135,532	\$57,056,183	\$59,506,809	\$63,161,261	
Unencumbered from previous year		Cumulative Available Resources			\$528,214,962	\$20,712,187	\$21,461,629	\$20,620,112	\$30,178,044	\$10,038,982	\$20,863,877	\$15,614,463	\$13,888,009	\$25,005,210	\$3,430,035	
ENTITY RESOURCES		Annual Resources			\$7,123,357	(\$1,876,643)	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	
Unencumbered from previous year		Cumulative Available Resources				(\$1,876,643)	(\$948,036)	\$51,964	\$672,379	\$608,422	\$271,514	(\$3,098,225)	(\$5,036,121)	(\$4,799,320)	(\$4,601,004)	
ENTITY TOTAL					\$60,450,405	\$55,092,285	\$11,724,361	\$0	\$71,393	\$0	\$379,585	\$1,063,957	\$1,336,908	\$4,369,739	\$2,937,896	
HYDROGRAPHIC BASIN: Mesquite					\$60,450,405	\$55,092,285	\$11,724,361	\$0	\$71,393	\$0	\$379,585	\$1,063,957	\$1,336,908	\$4,369,739	\$2,937,896	
SYSTEM: Town Wash					\$23,669,848	\$12,677,000	\$5,650,083	\$0	\$71,393	\$0	\$379,585	\$879,470	\$0	\$4,319,634	\$0	
	PROJECT: Town Wash - Mesa Boulevard, Pioneer to Town Wash															
	Design/Admin	TWMB 0000		\$154,000	\$950,863		\$71,393			\$50,508						
	Right-of-way	thru 0022														
	Construction	TOWA 0120		\$1,011,000.00						\$828,962						
	PROJECT: Town Wash Mesa Boulevard, Chaparral to Pioneer															
	Design/Admin	TWMB 0024 thru		\$712,000	\$4,699,220				\$343,411			\$247,741				
	Right-of-way	0094		\$45,000					\$36,174							
	Construction			\$4,681,000								\$4,071,894				
	SYSTEM: Virgin River					\$0	\$22,738,000	\$6,074,278	\$0	\$0	\$0	\$184,487	\$1,336,908	\$50,105	\$2,937,896	\$763,199
		PROJECT: Virgin River Flood Wall														
Design/Admin		VREC 0000,0028,0054		\$375,000	\$4,459,291					\$184,487			\$134,396			
Right-of-way				\$1,583,000					\$1,336,908							
Construction				\$3,129,000						\$2,803,500						
PROJECT: Virgin River Erosion Protection, Phase I																
Design/Admin	VREC 0203,0323, 0508, 0519		\$96,000	\$1,614,987							\$50,105			\$36,501		
Right-of-way			\$827,000								\$763,199					
Construction			\$805,000								\$765,183					

EXHIBIT D

EXHIBIT D
FISCAL YEAR 2012 - 2013
PROJECT LIST

	Facility ID Mile Range	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15
CITY OF HENDERSON	TOTAL ELIGIBLE YEAR 1	\$18,903,577		
	ENTITY TOTAL	\$14,158,891	\$2,474,839	\$2,269,847
HYDROGRAPHIC BASIN: PITTMAN		\$6,925,043	\$2,474,839	\$2,269,847
SYSTEM: Pittman Burns		\$4,769,749	\$2,474,839	\$0
PROJECT: Pittman West Horizon - Palm Hills				
Design/Admin	PTWH 0032	\$35,281		
Construction		\$701,203		
PROJECT: Galleria to Boulder Hwy.				
Design/Admin	PTSU 0000	\$98,402		
Construction		\$3,934,863		
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road				
Design/Admin	PTHR 0104, 0139, 0140, 0150 & 0203 thru 0205		\$141,853	
Construction			\$2,332,987	
SYSTEM: Pittman Beltway		\$2,155,294	\$0	\$0
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights				
Design/Admin	PTAP 0018	\$36,737		
Construction		\$2,118,557		
SYSTEM: Lower Pittman		\$0	\$0	\$1,818,392
PROJECT: Pittman Wash Duck Creek at I-515				
Design/Admin	PTDC 0074			\$18,392
Construction				\$1,800,000
SYSTEM: Upper Pittman		\$0	\$0	\$451,455
PROJECT: Pittman North Detention Basin Outfall				
Right-of-way	PTNO 0180			\$451,455
HYDROGRAPHIC Basin: C-1		\$7,233,848	\$0	\$0
SYSTEM: C-1		\$7,233,848	\$0	\$0
PROJECT: Racetrack Channel - Drake to Burkholder				
Design/Admin	C1RT 0001 thru 0041	\$123,550		
Construction		\$2,208,449		
PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road				
Design/Admin	C1FK 0040	\$28,490		
Construction		\$509,254		
PROJECT: Equestrian Detention Basin Expansion				
Design/Admin	C1EQ 0160	\$33,323		
Construction		\$824,000		
PROJECT: Equestrian Tributary, Phase II				
Design/Admin	C1E1 0044	\$143,003		
Construction		\$3,363,779		
CITY OF LAS VEGAS	TOTAL ELIGIBLE YEAR 1	\$56,798,297		
	ENTITY TOTAL	\$38,358,447	\$7,500,000	\$10,939,850
HYDROGRAPHIC BASIN: CENTRAL		\$250,000	\$7,500,000	\$7,758,699
SYSTEM: LV Wash I-15 Tributary		\$0	\$0	\$7,758,699
PROJECT: Freeway Channel - Washington, MLK to Rancho				
Design/Admin	LV15 0424, 0472 & 0474			\$411,057
Construction				\$7,347,642
SYSTEM: Sahara Boulder Highway		\$250,000	\$7,500,000	\$0
PROJECT: Boulder Highway Sahara Avenue - Mojave to Boulder Hwy				
Design/Admin	BHSA 0000	\$250,000		
PROJECT: Flamingo - Boulder Hwy. North, Main Street				
Design/Admin	FLBN 0342		\$500,000	
Construction			\$7,000,000	
HYDROGRAPHIC BASIN: GOWAN		\$9,134,203	\$0	\$0
SYSTEM: Gowan North		\$9,134,203	\$0	\$0
PROJECT: Angel Park North - Detention Basin				
Design/Admin	APNO 0001	\$830,382		
Construction		\$8,303,821		
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH		\$28,974,244	\$0	\$3,181,151
SYSTEM: Ann Road		\$13,116,244	\$0	\$3,181,151
PROJECT: Rancho Road System - Fort Apache to Grand Canyon				
Design/Admin	RCHB 0275			\$168,538
Construction				\$3,012,613
PROJECT: Rancho Road System - Beltway to Echelon Point				
Design/Admin	RCHB 0227	\$164,396		
Construction		\$2,938,572		
PROJECT: Rancho Road System - Echelon Point to Elkhorn				
Design/Admin	RCHB 0250	\$279,142		
Construction		\$4,989,673		
PROJECT: Ann Road Channel West - Rainbow Blvd.				
Design/Admin	ANRB 0000	\$310,386		
Construction		\$4,434,075		
SYSTEM: Upper Western Tributary		\$15,858,000	\$0	\$0
PROJECT: Las Vegas Wash - Grand Teton, Mountain Spa to Durango				
Design/Admin	LVMD 2632 thru 2789	\$1,038,000		
Construction		\$14,820,000		

EXHIBIT D
FISCAL YEAR 2012 - 2013
PROJECT LIST

	Facility ID Mile Range	(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15
CITY OF NORTH LAS VEGAS	TOTAL ELIGIBLE YEAR 1	\$21,595,446		
	ENTITY TOTAL	\$5,438,988	\$10,500,968	\$5,655,490
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH		\$5,088,448	\$7,285,769	\$3,704,001
SYSTEM: Lower Western Tributary		\$4,197,849	\$1,139,093	\$0
PROJECT: Colton Channel I-15 to Fifth Street				
Design/Admin	LVCL 0000	\$186,588		
Construction		\$3,335,256		
PROJECT: Brooks Channel				
Design/Admin	LVBR 0000, 0005, 0011, 0014, 0026	\$22,365		
Right-of-way		\$44,730		
Construction		\$399,778		
PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan				
Design/Admin	LVNC 0038	\$89,628	\$60,349	
Right-of-way		\$119,504		
Construction			\$1,078,744	
SYSTEM: LV Wash Craig		\$890,600	\$6,146,676	\$3,704,001
PROJECT: Fifth Street Collector - Centennial to Deer Springs				
Design/Admin	LV5C 0000 & 0002	\$279,415		\$191,902
Right-of-way			\$385,257	
Construction				\$3,512,099
PROJECT: Ann Road Channel East, Las Vegas Wash to Fifth Street				
Design/Admin	ANEA 0008 & 0040		\$244,322	
Right-of-way		\$611,185		
Construction			\$5,517,097	
HYDROGRAPHIC BASIN: Lower Las Vegas Wash		\$200,000	\$2,800,000	\$0
SYSTEM: Lower Las Vegas Wash		\$200,000	\$2,800,000	\$0
PROJECT: Las Vegas Wash, Sloan Channel to Flamingo Confluence				
Design/Admin	LVMD 0883 & 0911	\$200,000	\$130,000	
Construction			\$2,670,000	
HYDROGRAPHIC BASIN: RANGE		\$150,539	\$415,199	\$1,951,489
SYSTEM: Lower Range		\$0	\$212,474	\$0
PROJECT: Orchard Collector - Charleston to Linden				
Design/Admin	SLOR 0158		\$6,938	
Construction			\$205,536	
SYSTEM: West Range		\$150,539	\$202,726	\$1,951,489
PROJECT: Centennial Collector				
Design/Admin	RWCC 0000	\$150,539		\$103,390
Right-of-way			\$202,726	
Construction				\$1,848,098
Clark County	TOTAL ELIGIBLE YEAR 1	\$49,062,018		
	ENTITY TOTAL	\$30,721,542	\$6,570,967	\$11,769,510
HYDROGRAPHIC BASIN: Tropicana/ Flamingo		\$12,665,079	\$141,159	\$9,614,905
SYSTEM: Tropicana Flamingo Project		\$11,168,400	\$0	\$0
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral				
Design/Admin	FLOQ 0000	\$150,000		
Construction		\$1,695,000		
PROJECT: Flamingo Diversion - Rainbow Branch - Russell to Sunset				
Design/Admin	FLRB 0050 thru 0062	\$758,000		
Construction		\$8,565,400		
SYSTEM: Lower Flamingo		\$1,230,000	\$141,159	\$0
PROJECT: Wagon Trail Channel - Sunset to Teco				
Right-of-way	WGTR 0111		\$141,159	
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.				
Design/Admin	FLWA 0893 & 0896	\$100,000		
Construction		\$1,130,000		
SYSTEM: Lower LV Wash Tributaries		\$266,679	\$0	\$9,614,905
PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista				
Design/Admin	LV01 0151	\$266,679		
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris				
Design/Admin	LV01 0001 thru 0135			\$509,480
Construction				\$9,105,424
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond		\$10,419,733	\$0	\$0
SYSTEM: Blue Diamond Tributaries		\$8,010,239	\$0	\$0
PROJECT: Lower Blue Diamond DB Collector Channel				
Construction	BDWA 0477 thru 0613	\$8,010,239		
SYSTEM: Upper Duck Creek		\$282,752	\$0	\$0
PROJECT: Blue Diamond Wash Railroad				
Right-of-way	BDW5 0026	\$282,752		
SYSTEM: Lower Duck Creek		\$2,126,742	\$0	\$0
PROJECT: Duck Creek - Sunset to Sandhill				
Design/Admin	DCWA 0648, 0656 & 0670	\$112,675		
Construction		\$2,014,067		

EXHIBIT D
FISCAL YEAR 2012 - 2013
PROJECT LIST

Facility ID Mile Range		(Year 1) FY 12/13	(Year 2) FY 13/14	(Year 3) FY 14/15
HYDROGRAPHIC BASIN: Outlying Areas		\$7,636,730	\$6,429,808	\$2,154,605
SYSTEM: Goodsprings		\$380,722	\$0	\$0
PROJECT: Goodsprings - Phase I				
Design/Admin	GSEA 0000	\$19,056		
Right-of-way	GSPA 0027 & 0029	\$21,038		
Construction	GSRV 0019	\$340,628		
SYSTEM: Muddy River & Tributaries		\$3,846,210	\$5,612,368	\$0
PROJECT: Fairgrounds - Detention Basin				
Design/Admin	FGWS 0000 thru 0166		\$305,828	
Construction			\$5,306,540	
PROJECT: Muddy River Logandale Levee				
Design/Admin	MRLL 0001, 0013, 0038	\$312,700		
Construction		\$3,533,510		
SYSTEM: Mount Charleston		\$0	\$0	\$839,108
PROJECT: Rainbow Canyon Boulevard Bridge				
Design/Admin	MTCH 0001			\$48,468
Construction				\$790,640
SYSTEM: Laughlin		\$58,239	\$817,440	\$1,315,497
PROJECT: Hiko Detention Basin Expansion				
Design/Admin	LUHS 0244			\$78,831
Construction				\$1,236,665
PROJECT: SR 163 at Casino Drive				
Design/Admin	LUBC 0000 thru 0031	\$58,239	\$39,214	
Construction			\$778,225	
SYSTEM: Searchlight		\$1,296,231	\$0	\$0
PROJECT: Searchlight - South, Encinitas St. Storm Drain				
Design/Admin	SRSO 0000 thru 0030	\$68,674		
Construction		\$1,227,556		
SYSTEM: Bunkerville		\$2,055,327	\$0	\$0
PROJECT: Windmill Wash Detention Basin Expansion				
Design/Admin	WIWA 0039; WIJE 0000 & JEWA 0166	\$97,179		
Construction		\$1,958,148		
Boulder City		\$4,848,258		
ENTITY TOTAL		\$3,859,977	\$0	\$988,281
HYDROGRAPHIC BASIN: Boulder City		\$3,859,977	\$0	\$988,281
SYSTEM: Georgia/Buchanan		\$3,859,977	\$0	\$0
PROJECT: Buchanan Blvd., Phase III Improvements				
Design/Admin	GBAP 0001, GBGR 0001	\$294,000		
Construction	& GBBC 0110, 0149 & 0153	\$3,565,977		
SYSTEM: Hemenway		\$0	\$0	\$988,281
PROJECT: Hemenway System, Phase II Improvements				
Design/Admin	HMLV 0006 & 0019; HMTM 0034; HMLM 0066 & 0085;			\$56,743
Construction	HMWA 0005, 0105, 0158, 0173, 0175, 0182			\$931,538

MAPS

**TEN-YEAR CONSTRUCTION PROGRAM
LAS VEGAS VALLEY**

LEGEND

Conveyances

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

Detention Basins

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

100 Year Flood Zones

- 100-Year Flood Zone

1 inch = 4.3 miles

THIS MAP IS FOR GRAPHIC USE ONLY AND DOES NOT REPRESENT A SURVEY. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA DELINEATED HEREON.

DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
FEMA 2002 DIGITAL FIRM. NOT THE EFFECTIVE FIRM. ALL INFORMATION IS SUBJECT TO CHANGE. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA DELINEATED HEREON. ALL INQUIRIES INTO THE STATUS OF CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT FACILITIES SHOULD BE MADE TO THE DISTRICT OFFICE AT 600 S. GRAND CENTRAL PKWY, SUITE 300, LAS VEGAS, NEVADA 89106-4511.

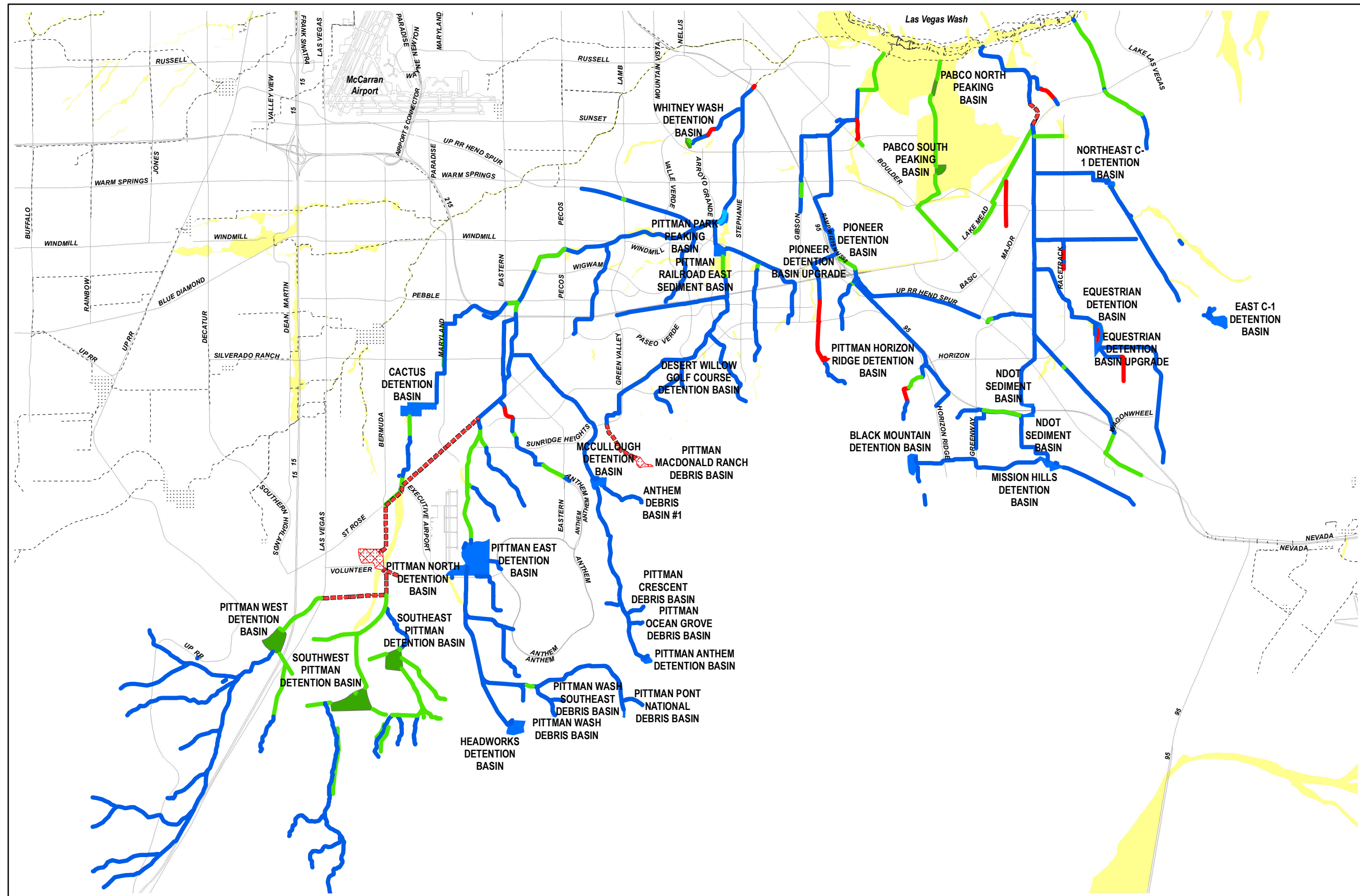
May, 2012

REGIONAL FLOOD CONTROL DISTRICT



TEN-YEAR CONSTRUCTION PROGRAM

PITTMAN WASH AND C-1 CHANNEL PLANNING AREA



LEGEND

Conveyances

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

Detention Basins

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

100 Year Flood Zones

- 100-Year Flood Zone

1 inch = 1.7 miles

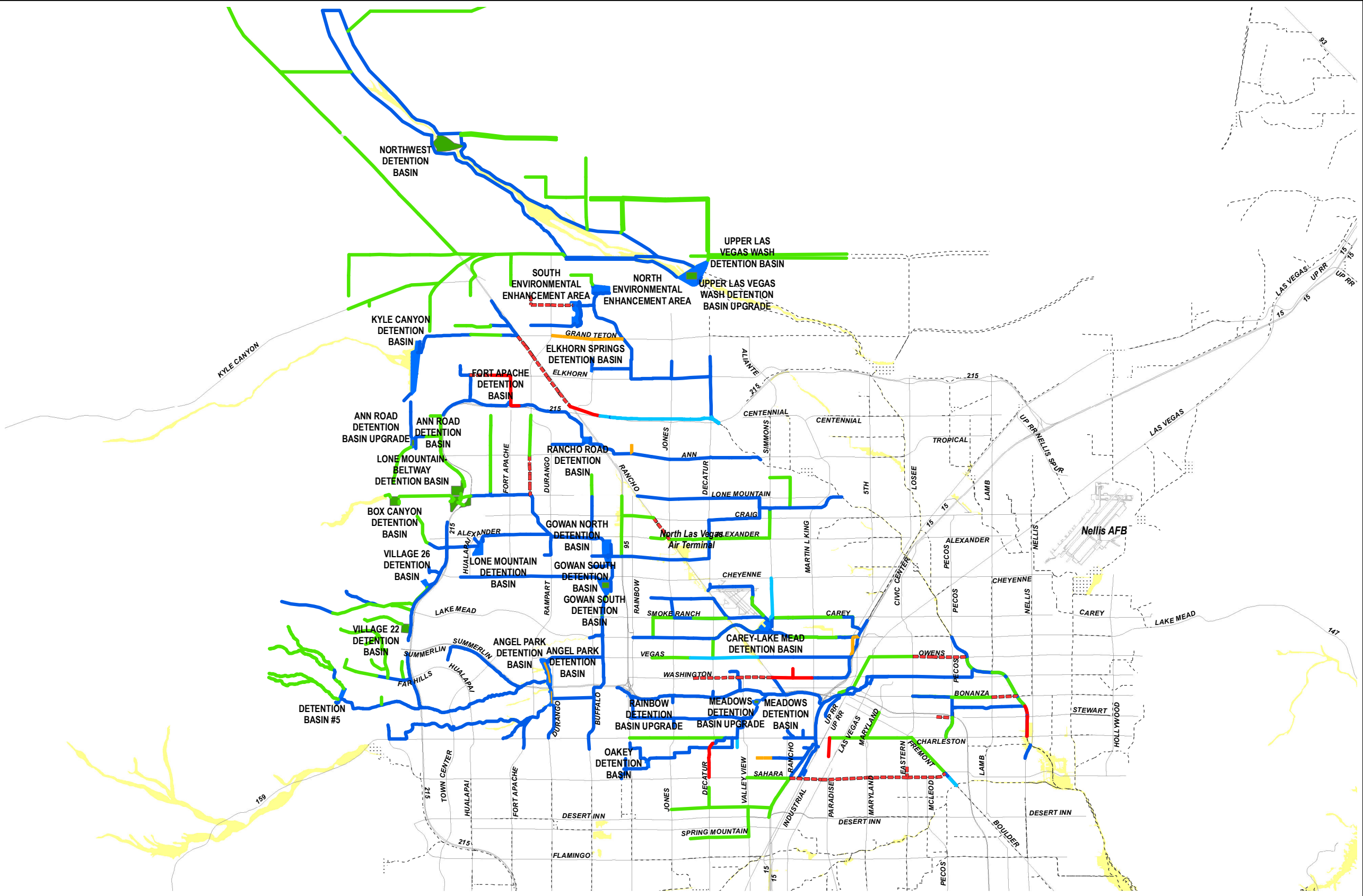
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TEN-YEAR CONSTRUCTION PROGRAM

GOWAN, CENTRAL AND UPPER NORTH BASINS PLANNING AREA



LEGEND

Conveyances

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

Detention Basins

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

100 Year Flood Zones

- 100-Year Flood Zone

1 inch = 2.57 miles

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CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

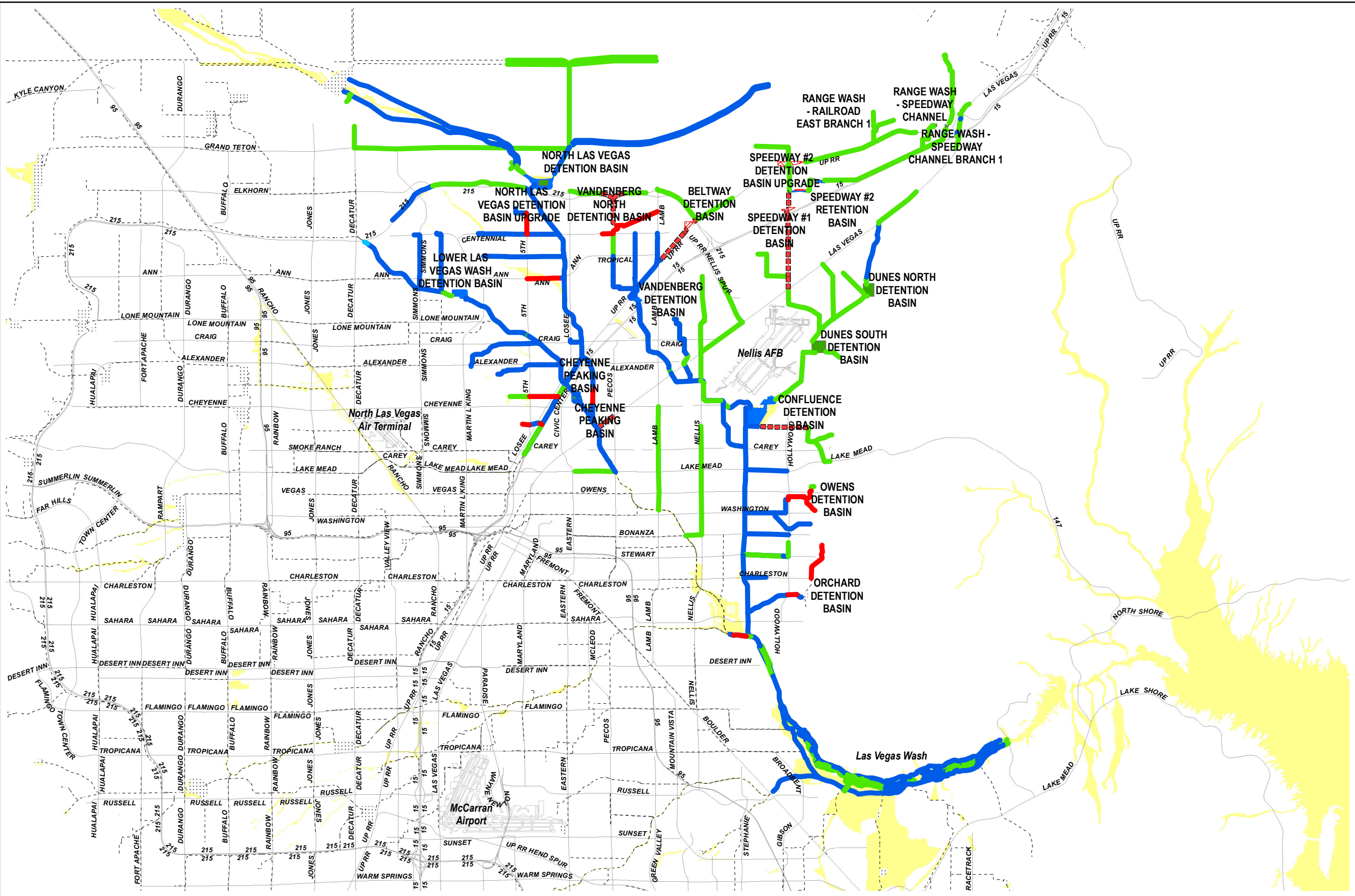
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May, 2012



TEN-YEAR CONSTRUCTION PROGRAM

LOWER NORTH, RANGE, AND LOWER LAS VEGAS WASH BASINS PLANNING AREA



LEGEND

Conveyances

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

Detention Basins

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

100 Year Flood Zones

- 100-Year Flood Zone

1 inch = 2.37 miles

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DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

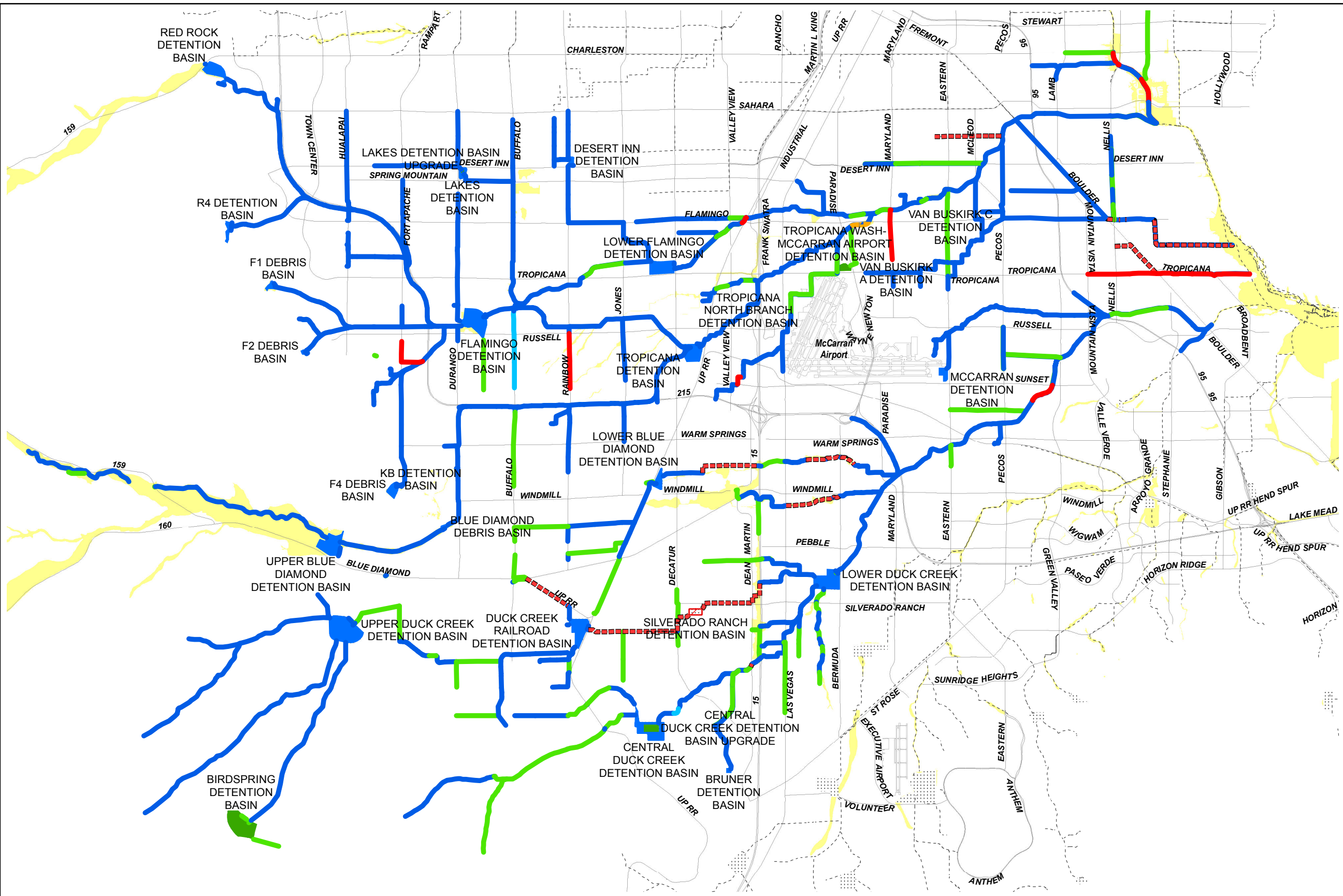
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May, 2012



TEN-YEAR CONSTRUCTION PROGRAM

FLAMINGO, TROPICANA, DUCK CREEK, AND BLUE DIAMOND PLANNING AREA



LEGEND

Conveyances

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

Detention Basins

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

100 Year Flood Zones

- 100-Year Flood Zone

1 inch = 1.82 miles

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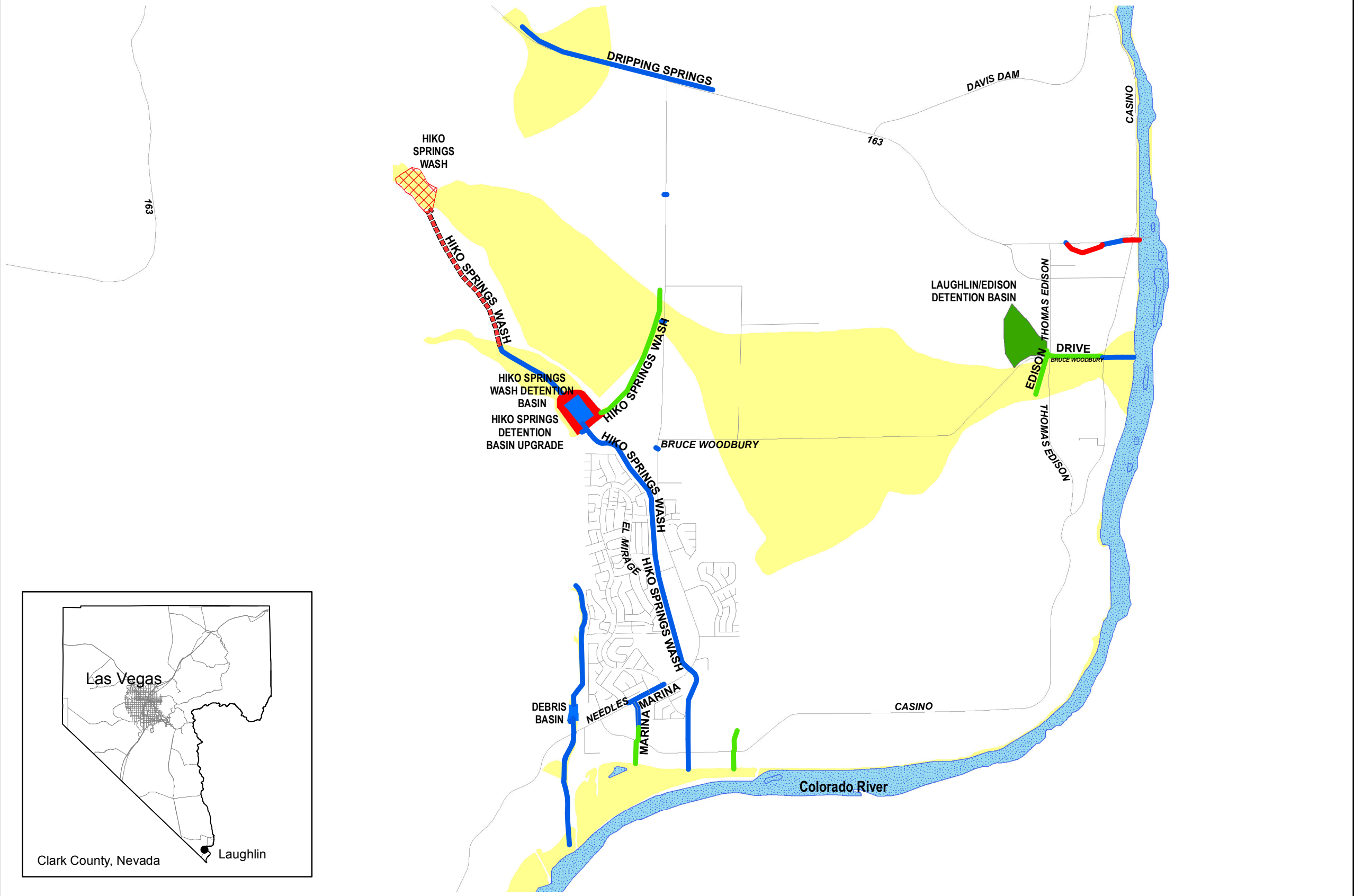
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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: May, 2012



TEN-YEAR CONSTRUCTION PROGRAM LAUGHLIN PLANNING AREA



LEGEND

Conveyances

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

Detention Basins

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

100 Year Flood Zones

- 100-Year Flood Zone



1 inch = 0.7 miles

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DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

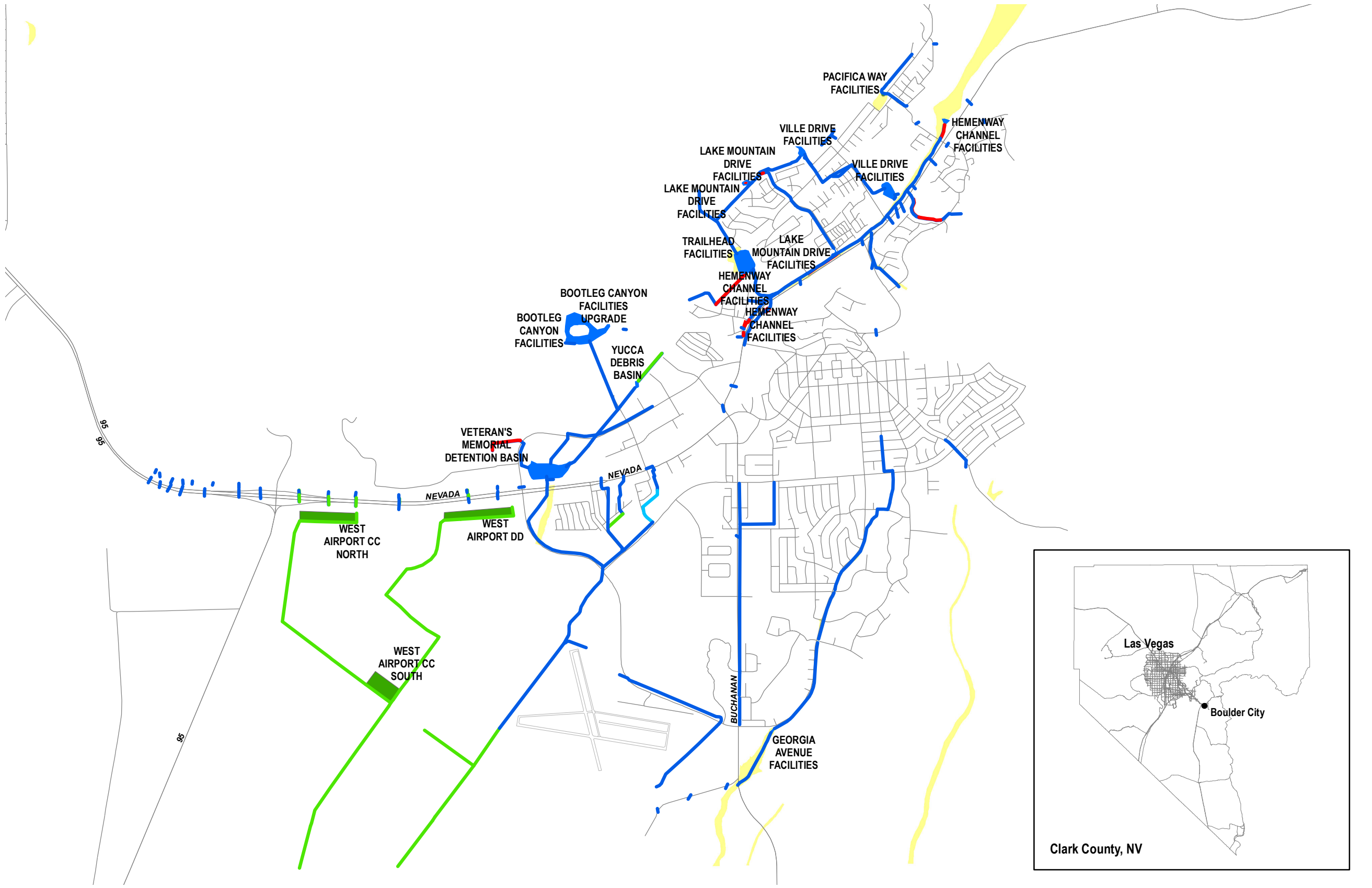
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OFFICE AT 600 S. GRAND CENTRAL PKWY,
SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2012



TEN-YEAR CONSTRUCTION PROGRAM

BOULDER CITY PLANNING AREA



LEGEND

Conveyances

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

Detention Basins

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

100 Year Flood Zones

- 100-Year Flood Zone

1 inch = 0.6 miles

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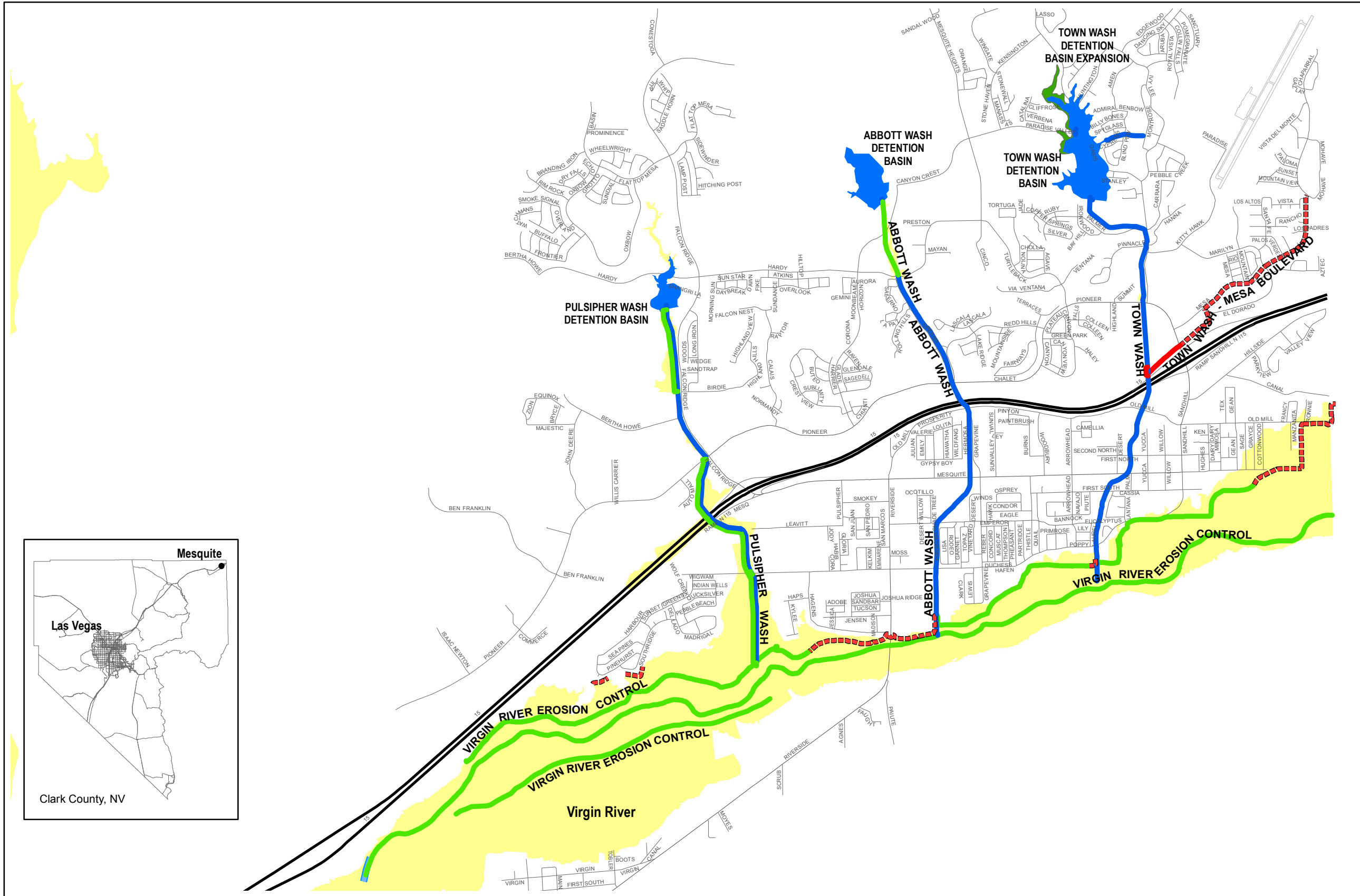
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
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May, 2012

REGIONAL FLOOD CONTROL DISTRICT

TEN-YEAR CONSTRUCTION PROGRAM MESQUITE PLANNING AREA



LEGEND

Conveyances

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

Detention Basins

STATUS

- Completed
- Under Construction
- EFS
- Proposed
- Ten Year - 1st Five
- Ten Year - 2nd Five

100 Year Flood Zones

- 100-Year Flood Zone



1 inch = 0.6 miles

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DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
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SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2012

