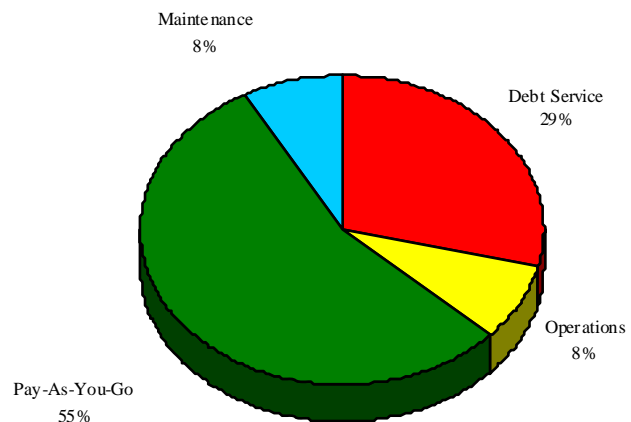


REGIONAL FLOOD CONTROL DISTRICT

Capital Improvement Program

The District staff maintains a listing of projects proposed for funding in the next ten-year period. The 10-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 11, 2009, for Fiscal Year 2010. 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

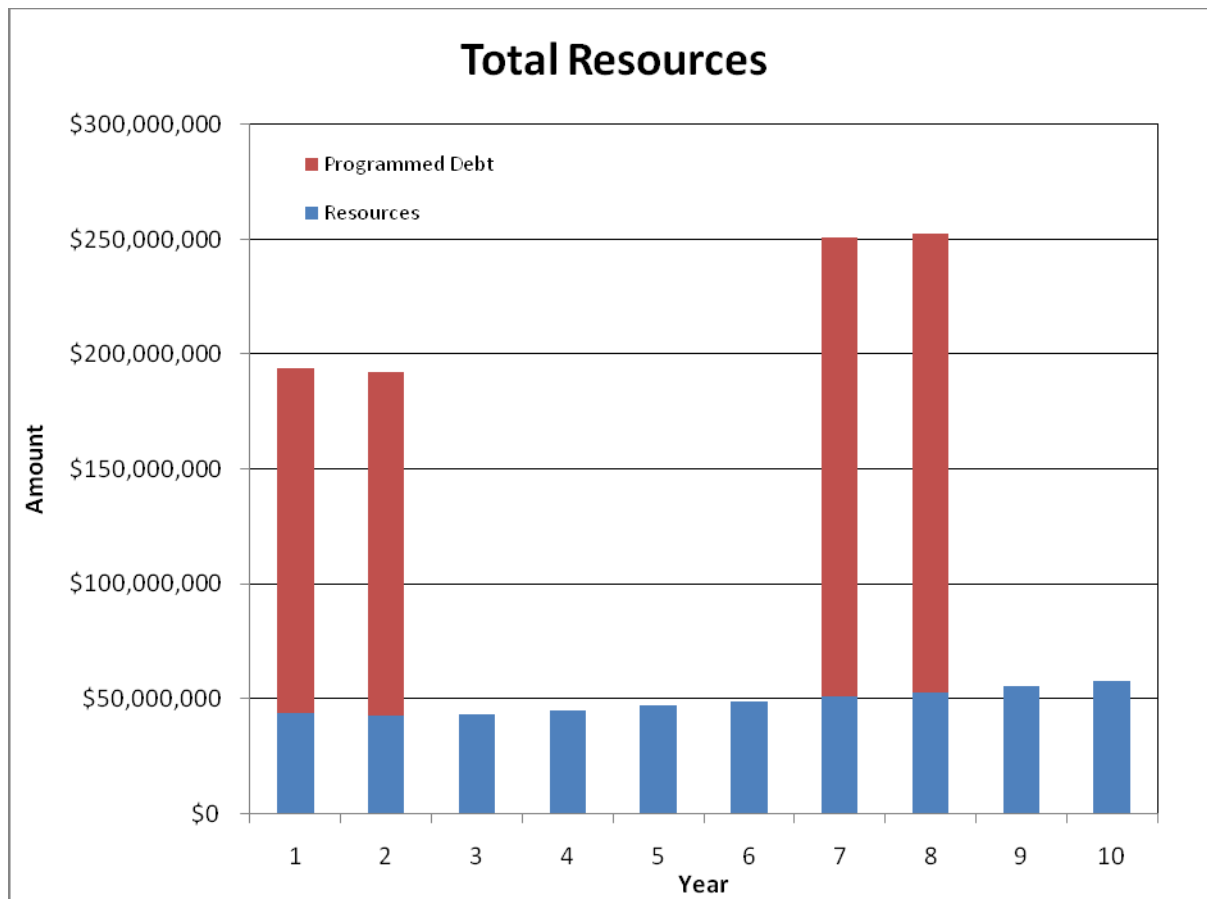


The TYCP consumes all revenues that the District receives that are not allocated to Operations (Fund 2860), Debt Service (Fund 3300), or the Maintenance Work Program (Fund 2870). A pie chart representing the typical annual expenditures for a fiscal year is depicted above. The TYCP revenues are derived 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 2009, the District has received over \$1,074,289,770 in Sales Tax Revenues. Additionally, the District has issued \$80,000,000, \$150,000,000, \$200,000,000, and \$50,570,000 in General Obligation Bonds, secured by Sales Tax Revenue, which were sold in November 1991, September 1998, February 2006, and August 2008, respectively, to expedite projects. The District has funded over \$1,153,774,809 in projects through June 2009.

The TYCP is an estimate of when funding will be requested. Available revenues for the TYCP are estimated to be \$943,173,864, which includes estimated future debt issues of \$700,000,000, which will be distributed in \$150 million increments over Years 1 and 2, and \$200 million increments over Years 7 and 8. Programming of future 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. Sales Tax growth for Year 1 is based on a zero growth rate, a 1 percent growth rate for year 2, a 2 percent growth rate for Year 3, a 3 percent growth rate for

REGIONAL FLOOD CONTROL DISTRICT

Year 4, and a 3.75 percent growth rate thereafter. The TYCP also includes inflation factors to account for increases in project costs over time. Construction, right-of-way, and design costs are increased at 2 percent for FY 2009-10; 3 percent for FY 2010-2011; 5 percent for FY 2011-12; 6 percent for FY 2012-13; 8 percent per year for FY 2013-14 and FY 2014-15; 6 percent for FY 2015-16; and 6 percent 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. 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.

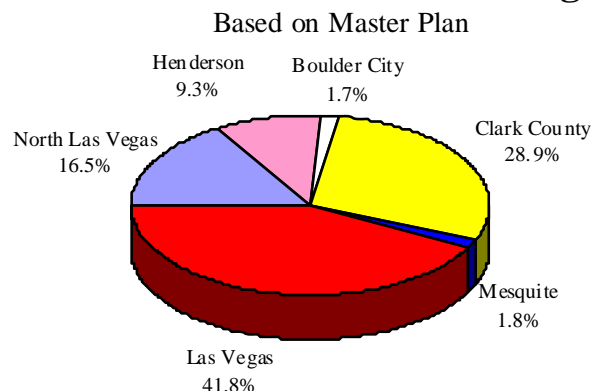


Flood control projects are fairly standard in nature and typically follow a design time of 1-2 years and a construction time of 2-3 years. The minimum level of expenditures for assets to be classified as capital assets for the District is \$5,000.00 and we comply with all adopted GAAP requirements. The 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 budget resources for the District's capital funds during FY 2010 are: \$192,473,511 for Fund 4430 and \$152,351,705 for Fund 4440 which includes previously approved and new projects planned for FY 2010.

REGIONAL FLOOD CONTROL DISTRICT

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 February 12, 2004; the Muddy River and Tributaries adopted by the Board on January 12, 2006; 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

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 515 miles of channel are inspected and/or maintained throughout Clark County, along with several major storm drains and 82 detention basins. MWP expenditures have steadily increased since the program's inception.

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

Factor	Factor	TYCP MWP Funding Projection
2010	Approved Operating Transfer	\$ 8,000,000
2011	7.5%	8,600,000
2012	7.5%	9,245,000
2013	7.5%	9,938,375
2014	7.5%	10,683,753
2015	7.5%	11,485,035
2016	7.5%	12,346,412
2017	7.5%	13,272,393
2018	7.5%	14,267,823
2019	7.5%	15,337,909
Total estimated maintenance over 10 years		\$ 113,176,700

REGIONAL FLOOD CONTROL DISTRICT

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 eighth year of this program, the District has budgeted \$2,325,000 for Local Drainage projects. Projected Local Drainage Program funding for the TYCP is depicted in the chart on this page. In Fiscal Year 2004, in the City of Las Vegas the District funded Brush Street Storm Drain. Completion of this project has been delayed due to its relationship to a Master Plan facility. In Fiscal Year 2007, the District funded in the City of Henderson Blackridge Road Storm Drain System (estimated to be completed October 2009). In Fiscal Year 2008, the District funded in Clark County, Sunrise Avenue Area Storm Drain (estimated completion date of August 2009) and in the City of Las Vegas, Oakey Boulevard & Tenaya Way Storm Drain (completed December 2008). In Fiscal Year 2009, three new local drainage projects were funded by the District. In Clark County, Carey Avenue Storm Drain (estimated completion date of August 2010) and Twain at Pecos-McLeod Storm Drain (estimated completion date of November 2009), and in the City of Las Vegas, Jones Boulevard – Alta to Borden Storm Drain (estimated completion date May 2010).

Fiscal Year	Factor	TYCP Local Drainage Budget Projection
2010	Approved Budget	\$ 2,325,000
2011	3.00%	2,348,250
2012	3.00%	2,395,215
2013	3.00%	2,467,071
2014	3.00%	2,559,587
2015	3.00%	2,655,571
2016	3.00%	2,755,155
2017	3.00%	2,858,473
2018	3.00%	2,965,666
2019	3.00%	3,076,879
Total estimated local drainage over 10 years		\$ 26,406,867

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.

REGIONAL FLOOD CONTROL DISTRICT

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.

REGIONAL FLOOD CONTROL DISTRICT

10-Year Construction Program

The proposed TYCP totals \$884,237,475 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 22.2% 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

REGIONAL FLOOD CONTROL DISTRICT

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/Outfall, Phase I

From Warm Springs Road to Sunset

Pittman Eastern Detention Basin

Pittman Park Detention Basin

A joint use recreation facility

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)

Pittman Wash Railroad Channel, US-95 to Major Avenue

REGIONAL FLOOD CONTROL DISTRICT

Henderson (continued)

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 \$145,402,114.

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 = 91.0)

PTWH 0032 – This project is a concrete channel providing protection to the existing Palm Hills residential subdivision near Mission Drive and Horizon Ridge Parkway. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$1.1 million for this project.

Pittman Burns – Wiesner Channel to Sunset (PV = 86.0)

PTSU 0000 through 0034 – This project consists of a reinforced concrete pipe and open channel that provides protection at the intersection of Sunset Road and Boulder Highway. Design and Right-of-Way Acquisition are programmed in FY 09/10, and construction funding is programmed in FY 10/11. The TYCP includes approximately \$5.8 million for this project.

Pittman Burns – Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road (PV = 94.5)

PTHR 0104 & 0203 through 0205 – This project consists of a concrete channel from Horizon Ridge Parkway to Sumner Ranch Road and a debris basin located approximately one-half mile south of Horizon Ridge Parkway. Design and Right-of-Way Acquisition are programmed in FY 09/10, and construction funding is programmed in FY 10/11. The TYCP includes approximately \$1.5 million for this project.

Pittman Burns – Pioneer Detention Basin Expansion (PV = 88.5)

PTVW 0186 – This project consists of expansion of the existing Pioneer Detention Basin from 377 acre feet to 442 acre feet. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.40 million for this project.

Pittman Burns – Interstate – Lake Mead to Pioneer Detention Basin (PV = 93.5)

PTIS 0000 – This project consists of a concrete channel extending ½ mile upstream of the Pioneer Detention Basin which will improve flood capture and mitigate erosion at the UPRR. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.60 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Henderson (continued)

Pittman Beltway – Anthem Parkway Channel – Horizon Ridge St. Rose Pkwy. (PV = 83.5)

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$1.0 million for this project.

Pittman Beltway – Pittman Seven Hills Park Channel (PV = 85.0)

PTSH 0059 – This project consists of a short piece of open grass channel to finish the system through Seven Hills Park. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.10 million for this project.

Lower Pittman – Pittman MacDonald Ranch Debris Basin (PV = 85.5)

PTMR 0478 through 0480 – This project consists of a debris basin three quarter miles upstream of Sunridge Heights Parkway and Green Valley Parkway. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.90 million for this project.

Lower Pittman – Whitney Wash Outfall (PV = 93.0)

WWDC 0069 – This project consists of 800 feet of 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 programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.50 million for this project.

Lower Pittman – Pittman Wash – Eastern to Pecos (PV = 79.5)

PTWA 0346 through 0486 – This project consists of an open concrete channel within the Pittman Wash from Eastern Avenue to Pecos Road. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$13.2 million for this project.

Lower Pittman – Pittman Wash Duck Creek at I-515 (PV = 83.5)

PTDC 0074 – This project consists of an addition of 2 - 10' x 8' reinforced concrete boxes where the Pittman Wash crosses I-515. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.50 million for this project.

Lower Pittman – UPRR to Arroyo Grande & Pittman Park Spillway (PV = 95.5)

PTWA 0056 and 0092 – This project consists of an open concrete channel within the Pittman Wash from the UPRR to Arroyo Grande Boulevard and improvement of the inlet spillway to the Pittman Park Detention Basin. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$4.1 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Henderson (continued)

Upper Pittman – North Detention Basin Outfall – St. Rose to Spencer (PV = 75.5)

PTNO 0000 through 0073 – This project consists of an 8' x 5' reinforced concrete box storm drain parallel to St. Rose Parkway from Maryland Parkway to Executive Airport. 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 \$25.8 million for this project.

Upper Pittman – North Detention Basin Outfall – Basin to St. Rose (PV = 83.0)

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 is programmed in FY 12/13 and Right-of-Way Acquisition is programmed in FY 13/14. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$8.7 million for this project.

Upper Pittman – Pittman North Detention Basin (PV = 83.0)

PTNO 0181 through 0183 – This project consists of completion of the Pittman North Detention Basin subsequent to completion of gravel extraction mining currently under way. Design is programmed in FY 12/13 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$4.2 million for this project.

Upper Pittman – Pittman North Detention Basin to Larsen Road (PV = 66.5)

PTSD 0000 through 0043 – This project consists of an open concrete channel with reinforced concrete box crossings extending upstream from the Pittman North Detention Basin along Bermuda Road to Larsen Road. Design is programmed in FY 17/18. The TYCP includes approximately \$0.50 million for this project.

Upper Pittman – Pittman West Detention Basin & Outfall (PV = 75.5)

PTLA 0127 through 0221 – This project consists of a 2,125 acre feet detention basin west of I-15 north of the Town of Sloan, collector channels and an outfall system to Las Vegas Boulevard. Design is programmed in FY 17/18. The TYCP includes approximately \$3.9 million for this project.

Upper Pittman – Pittman Larsen Las Vegas Blvd. to Bermuda Rd. (PV = 66.5)

PTLA 0000 through 0126 – This project consists of the continuation of the Pittman West Detention Basin outfall from Las Vegas Boulevard to Larsen Road at Bermuda Road. Design is programmed in FY 17/18. The TYCP includes approximately \$0.90 million for this project.

C-1 – Center Street Stormdrain – Fir Street to Lake Mead Pkwy. (PV = 98.5)

C1CT 0000 through 0048 – This project consists of an underground storm drain beneath Center Street from Lake Mead Parkway to Fir Street ranging in size from 72" diameter pipe to 10' x 4' box. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$5.0 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Henderson (continued)

C-1 – C-1 Channel (PV = 77.0)

C1CH 0161 – This project consists of an open channel extending from Lake Mead Parkway at Pueblo under Galleria Drive. Design was completed privately. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$3.0 million for this project for partnership with private development.

C-1 – Equestrian Detention Basin Expansion (PV = 86.0)

C1EQ 0160 – This project consists of expansion of the existing Equestrian Detention Basin from 409 acre feet to 544 acre feet. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.80 million for this project.

C-1 – Four Kids Wash – Lake Mead to Eagle Rock Road (PV = 87.0)

C1FK 0040 – This project consists of an open concrete channel from Lake Mead Parkway to Eagle Rock Road. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.80 million for this project.

C-1 – Race Track Channel – Drake to Burkholder (PV = 84.5)

C1RT 0001 through 0041 – This project consists of an open concrete channel and street crossing culverts along Racetrack Road from the Drake Channel to Burkholder Boulevard. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. 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 \$86.8 million on the TYCP.

REGIONAL FLOOD CONTROL DISTRICT

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

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

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

Elkhorn Springs & Buffalo Storm Drain

Freeway Channel – Charleston Lateral

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)

Grand Teton Overpass – Storm Drain

Holmby Channel, Local Drainage Project

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

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

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

Meadows Detention Basin Expansion

Oakey Boulevard Detention Basin and Outfall

Oakey Boulevard & Tenaya Way Storm Drain, Local Drainage Project

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

Oakey Drain, Birch Street to Cahlan Drive

Oakey – Meadows Storm Drain, Phase I

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

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)

District funding since 1987 for the projects plus design efforts on future projects totals approximately \$391,999,988.

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

Central – Freeway Channel – Owens Avenue to Miller Avenue, Phase I

LV15 0093 through 0230 – The Board received a presentation and set a priority for funding this project at their December 2008 meeting. This project increases the capacity of an existing concrete channel parallel to and west of I-15 extending from Owens Avenue to Miller Avenue in order to receive additional flow from the Owens Avenue System. City of North Las Vegas is the Lead Entity for this project. Construction by

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

NDOT is underway. Construction funding is programmed in FY 09/10. The TYCP includes approximately \$4.6 million for this project.

Central – Freeway Channel – Owens Avenue to Miller Avenue, Phase II (PV = 87.0)
LVCS 0000 through 0015 – This project is an underground storm drain beneath Losee Road from Owens to Lake Mead Boulevard ranging in size from 10' x 5' to 12' x 5' reinforced concrete box delivering flow to the I-15 Freeway system. City of North Las Vegas is the Lead Entity for this project. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$7.5 million for this project.

Central – Simmons – Cheyenne Avenue to Carey Avenue (PV = 90.5)
LAAS 0000 through 0103 – This project is an 84" reinforced concrete pipe beneath Simmons Street extending from Carey-Lake Mead Detention Basin at the North Las Vegas Air Terminal north to Cheyenne Avenue. The project will be constructed with the Simmons – Alexander Road to Craig Road project. It will be a cost share project with the Regional Transportation Commission of Southern Nevada (RTC). City of North Las Vegas is the Lead Entity for this project. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$6.6 million for this project.

Central – Owens Avenue System – Rancho Drive to Shadow Mountain (PV = 88.3)
LVOW 0241 and 0351 – This project is a reinforced concrete box storm drain in Owens Avenue between Rancho Drive and Shadow Mountain. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$11.1 million for this project.

Central – Owens Avenue System – Shadow Mountain Torrey Pines Drive (PV = 77.5)
LVOW 0360 and 0460 – This project is a reinforced concrete box storm drain in Owens Avenue between Shadow Mountain and Torrey Pines Drive. Design is programmed in FY 13/14 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$11.7 million for this project.

Central – Las Vegas Wash – Charleston Boulevard to Stewart Avenue (PV = 79.0)
LVMD 1071 – This project consists of an open concrete channel extending from Charleston Boulevard to Stewart Avenue. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$8.2 million for this project.

Central – Oakey Drain – Cahlan Drive to Barnard Drive (PV = 84.5)
FWOK 0076 through 0100 – This project consists of a 6' x 6' reinforced concrete box storm drain beneath Oakey Drive from Cahlan Drive to Barnard Drive. Design is

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

programmed in FY 11/12 and construction is programmed in FY 14/15. The TYCP includes approximately \$4.2 million for this project.

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

MEOK 0070 through 0217 – This project is a reinforced concrete box storm drain following a stair-step path to the northeast from Sahara Avenue at Edmond Street to Valley View Boulevard and Alta Drive. This project has been divided into three phases. Design is underway. Phase one construction funding is underway. Construction funding is programmed in FY 10/11 for phase two (MEOK 0070 through 0166) and phase three (MEOK 0191 through 0217). The TYCP includes approximately \$21.4 million for this project.

Central – Las Vegas Creek Channel Parallel System

LCCH 0051 through 0512 & 0518 through 0543 – This project is a storm drain system in US-95 extending from Martin Luther King Drive to Rainbow Boulevard. This project is complete having been constructed with NDOT's widening project. The Board approved Resolution Number 05-1 to reimburse NDOT for these costs. Construction reimbursement is programmed in FY 11/12 consistent with the resolution. The TYCP includes approximately \$5.6 million for this project.

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

BHSA 0000 – This project is a 14' by 12' RCBC beneath Sahara Avenue from Boulder Highway to Mojave Road. Design is programmed in FY 12/13 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$5.8 million for this project.

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

BHSA 0026 – This project is a 12' by 12' RCBC beneath Sahara Avenue from Mojave Road to Eastern Avenue. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$19.2 million for this project.

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

SAEA 0000 – This project consists of a 10' x 8' RCBC storm drain beneath Eastern Avenue delivering flow to the Boulder Highway Sahara Avenue system. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$4.8 million for this project.

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

BHSA 0075 – This project is a 12' x 10' RCBC beneath Sahara Avenue from Eastern Avenue to Maryland Parkway. Design is programmed in FY 14/15 and construction

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

funding is programmed in FY 16/17. The TYCP includes approximately \$23.3 million for this project.

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

BHSA 0175 – This project is a 14' x 13' RCBC beneath Sahara Avenue from Maryland Parkway to Las Vegas Boulevard. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$37.0 million for this project.

Central – Boulder Highway Sahara Avenue – Industrial Road to Las Vegas Boulevard (PV = 81.0)

BHSA 0289 – This project is a 14' x 12' RCBC beneath Sahara Avenue from Las Vegas Boulevard to Industrial Road. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$13.0 million for this project.

Central – Boulder Highway Sahara Avenue – I-15 to Industrial Road (PV = 81.0)

BHSA 0331 – This project is a 12' x 12' RCBC beneath Sahara Avenue from Industrial Road to Interstate 15. Design is programmed in FY 16/17. The TYCP includes approximately \$0.70 million for this project.

Central – Flamingo Boulder Highway North, Sahara Avenue to Flamingo Wash (PV = 89.3)

FLBN 0001 through 0033 – This project is storm drain beneath Boulder Highway ranging in size from 2 - 10' x 6' RCBC to 3 - 14' x 12' RCBC extending from Sahara Avenue to Flamingo Wash. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$12.5 million for this project.

Gowan North – Angel Park North – Detention Basin (PV = 85.0)

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. Design is programmed in FY 10/11 and construction funding is programmed in FY 11/12. The TYCP includes approximately \$4.0 million for this project.

Gowan North – Simmons – Confluence (PV = 89.5)

GOOF 0196 – This project consists of a confluence structure to transition flow from the Simmons storm drain into the Gowan North Channel. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$5.5 million for this project.

Gowan North – Simmons – Alexander Road to Craig Road (PV = 70.0)

GOOF 0199 and 0224 – This project consists of a multi-cell reinforced concrete box storm drain beneath Simmons Street from Alexander Road to the Gowan Outfall

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

Channel. City of North Las Vegas is the Lead Entity for this project. Design is programmed in FY 16/17. The TYCP includes approximately \$0.20 million for this project.

Gowan North – Gowan Outfall – Lone Mountain Branch, Rancho Drive to Decatur Boulevard (PV = 87.0)

GOLO 0152 through 0275 – This project is a storm drain in Lone Mountain Road from Rancho Drive discharging to the existing Gowan Outfall near Woodview Street. This project has three phases. Design is underway for all Phases. This is the third and final phase from Rancho Drive to Decatur Boulevard. Construction funding for phase three is programmed in FY 15/16. The TYCP includes approximately \$25.8 million for this project.

Upper Northern LV Wash – Ann Road – Rancho Road System – Fort Apache to Grand Canyon (PV = 73.0)

RCHB 0275 – This project is a 7' x 6' RCBC storm drain beneath Elkhorn Road from Fort Apache Road to Grand Canyon Drive. Design is programmed in FY 12/13 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$6.2 million for this project.

Upper Northern LV Wash – Ann Road – Rancho Road System – Grand Canyon to Hualapai Way (PV = 73.0)

RCHB 0295 – This project is a 7' x 6' RCBC storm drain beneath Elkhorn Road from Grand Canyon Drive to Hualapai Way. Design is programmed in FY 14/15 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$6.6 million for this project.

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

RCHB 0227 – This project is an 11' x 8' RCBC along CC 215 and Fort Apache Road to Echelon Point. Design is programmed in FY 10/11 and construction funding is programmed in FY 11/12. The TYCP includes approximately \$4.8 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 is an 11' x 8' RCBC along Fort Apache Road from Echelon Point to Elkhorn Road. Design is programmed in FY 10/11 and construction funding is programmed in FY 12/13. The TYCP includes approximately \$8.6 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

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

ANRB 0000 – This project is a 10' x 7' RCBC beneath Rainbow Boulevard delivering flow to the Ann Road storm drain system. Design is programmed in FY 10/11 and construction funding is programmed in FY 11/12. The TYCP includes approximately \$3.0 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Centennial Parkway Channel West – U.S. 95 Facilities (PV = 82.5)

CN95 0000 through 0167 – This project is an RCBC and open channel system adjacent to US-95 from Deer Springs Way to Grand Teton Drive. Design is programmed in FY 13/14 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$36.7 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Floyd Lamb Park N & S Environmental Enhancement Area and Racel Street Collector

BRDB 0000 through 0033 & RACO 0000 and 0064 & TSDB 0002 through 0012 – The Board received a presentation and set a priority for funding this project at their February 2009 meeting. The project consists of two (2) environmental enhancement areas along with associated drainage collection facilities to collect the storm water flows along Racel Street. The South Environmental Enhancement Area (SEEA) consists of a 165 acre feet detention basin and the North Environmental Enhancement Area (NEEA) consists of a 50 acre feet detention basin. The associated drainage collection facilities will collect storm water flows along Racel Street and convey them to the SEEA. Construction funding is programmed in FY 09/10. The TYCP includes approximately \$30.6 million for this project.

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

LVMD 2632 through 2661 – This project is a reinforced concrete box storm drain in Grand Teton Drive extending from Mountain Spa/Vista Ranch channel confluence to Buffalo Drive. Design is underway. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$10.7 million for this project.

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

LVMD 2711 through 2763 – This project is a reinforced concrete box storm drain in Grand Teton Drive extending from Buffalo Drive to Durango Drive. Design is underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$7.7 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

Upper Northern LV Wash – Upper Western Tributary – Floyd Lamb Park South Environmental Enhancement Area Collector (PV = 67.5)

BRDB 0043 through 0157 – This is a collector stormdrain beneath Brent Lane from the Floyd Lamb Park South Environmental Enhancement Area to El Capitan Way then north to Log Cabin Way. Design is programmed in FY 14/15 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$18.3 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 \$365.9 million on the TYCP.

REGIONAL FLOOD CONTROL DISTRICT

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 Northern, 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

Kyle Canyon Detention Basin

Las Vegas Wash Improvements and King Charles Diversion Project

From I-15 to Craig Road

Las Vegas Wash – Losee Road

Lower Las Vegas Wash Detention Basin

A joint use recreation facility

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

REGIONAL FLOOD CONTROL DISTRICT

North Las Vegas (continued)

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

District funds since 1987 for the projects plus design efforts on future projects total approximately \$213,474,502.

REGIONAL FLOOD CONTROL DISTRICT

North Las Vegas (continued)

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 Wash – Lake Mead Boulevard to Las Vegas Boulevard (PV = 92.0)

LVMD 1421, 1424, 1444, 1484, and 1522 – This project consists of a concrete channel within the Las Vegas Wash from Lake Mead Boulevard to Las Vegas Boulevard. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$33.0 million for this project.

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

LVLV 0000 – This is a multi-cell reinforced concrete box storm drain beneath Las Vegas Boulevard from the Las Vegas Wash Channel to Pecos Road. Design is programmed in FY 15/16 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$14.7 million for this project.

Lower Northern Las Vegas Wash – Lower Western Tributary – Las Vegas Wash – Las Vegas Boulevard to Cheyenne Avenue (PV = 89.5)

LVMD 1536, 1543, 1550 & LVNC 0001, 0004 – This is a trapezoidal concrete channel on the Las Vegas Wash from Las Vegas Boulevard to Cheyenne Avenue and a confluence structure at the “N” Channel. Design is programmed in FY 10/11 and construction funding is programmed in FY 13/14. The TYCP includes approximately \$10.4 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 is a large diameter reinforced concrete pipe storm drain beneath Colton Avenue from Commerce Street to I-15 Freeway Channel. Design is underway. Construction funding is programmed in FY 11/12. The TYCP includes approximately \$5.0 million for this project.

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

LV5C 0000 and 0002 – This project consists of 10’ x 6’ RCBC beneath Fifth Street delivering flow to the Centennial storm drain. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$8.6 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 is a reinforced concrete box storm drain beneath Ann Road from Fifth Street to its confluence with the Upper Las Vegas Wash Channel.

REGIONAL FLOOD CONTROL DISTRICT

North Las Vegas (continued)

Design is programmed in FY 14/15 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$12.1 million for this project.

Lower Las Vegas Wash – Las Vegas Wash at Flamingo Confluence (PV = 81.5)

LVMD 0883 and 0911 – This is a channel improvement project extending 2,100 feet west from the Sloan Channel Confluence to the Flamingo Wash confluence within the Desert Rose Golf Course. Design is programmed in FY 14/15 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$5.0 million for this project.

Range Wash – Lower Range – Orchard Detention Basin (PV = 93.0)

SLOR 0104 through 0148 – This is one of the Sunrise Mountain Detention Basins located near Hollywood Boulevard and Charleston Boulevard. It will help address chronic flooding within Clark County in this vicinity. Design is underway with Clark County as the Lead Entity. Construction funding is programmed in FY 09/10. The TYCP includes approximately \$11.4 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 is one of the Sunrise Mountain Detention Basins located at the east end of Owens Boulevard. It outlets to the Sloan Channel via a storm drain in Washington Avenue. Design is programmed in FY 12/13 and Right-of-Way Acquisition is programmed in FY 14/15. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$8.9 million for this project.

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

RWRR 0189 through 0200 – This is a detention basin at the Northern Beltway (CC-215) and the UPRR. Design and Right-of-Way Acquisition are programmed in FY 15/16, and construction funding is programmed in FY 18/19. The TYCP includes approximately \$5.8 million for this project.

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

RWCC 0000 – This is a reinforced concrete box storm drain beneath Centennial Parkway from Palmer Road to Pecos Road. Design is programmed in FY 15/16 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$4.1 million for this project.

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

RWWE 0397 through 0517 & RWBW 0000 and 0030 – This is a detention basin located at CC-215 and Pecos Road with associated collection channels extending east and west of the basin. The outfall is a reinforced concrete box storm drain beneath Pecos Road to Centennial Parkway. Design is programmed in FY 14/15 and construction

REGIONAL FLOOD CONTROL DISTRICT

North Las Vegas (continued)

funding is programmed in FY 16/17. The TYCP includes approximately \$34.8 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 \$153.8 million on the TYCP.

REGIONAL FLOOD CONTROL DISTRICT

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:

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

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, Phase II and Lower Pittman

Duck Creek, Railroad Detention Basin

Duck Creek, Railroad near Warm Springs to Topaz Street

Duck Creek, Tomiyasu Lane to the Railroad near Warm Springs

Duck Creek, Tomiyasu Lane to Topaz Street

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

Duck Creek, Topaz Street to Eastern Avenue

Duck Creek, US-95 Branch

Durango Collector

Flamingo Diversion – Jones Branch

Flamingo Hacienda

Flamingo Wash, Algonquin Drive to Maryland Parkway

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

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

Rawhide Channel at Sagebrush Street

Rawhide Channel System

Red Coach Avenue/Cimarron Road Improvements, Local Drainage Project

Clark County (continued)

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

Twain at Pecos-McLeod Storm Drain, Local Drainage Project

Tomiyasu and La Casita Crossings of Duck Creek

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**

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

- **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

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

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

District funding since 1987 for the projects plus design efforts of future projects total approximately \$369,765,543.

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 – Flamingo Diversion – South Buffalo Branch, Flamingo Wash to Patrick Lane (PV = 88.5)

FLSB 0010 and 0053 – This is a reinforced concrete box storm drain beneath Buffalo Drive conveying flow from Russell Road to the Flamingo Diversion Channel. Design is part of the Russell Road improvement project by Clark County Public Works. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$8.6 million for this project.

Tropicana/Flamingo – Flamingo Diversion – South Buffalo Branch, Patrick Lane to Sunset Road (PV = 88.5)

FLSB 0104 – This is a reinforced concrete box storm drain beneath Buffalo Drive from Patrick Lane to Sunset Road. Design is programmed in FY 12/13 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$5.2 million for this project.

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

FLOQ 0000 – This project is a 12' x 8' RCBC intercepting flow in Fort Apache Road and Patrick Lane and delivering it to the F-4 Channel near CC-215. Design is underway. Construction funding is programmed in FY 09/10. The TYCP includes approximately \$3.6 million for this project.

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

FLRB 0050 through 0062 – This is a tributary to the Flamingo Diversion Channel in Rainbow Boulevard. It is a reinforced concrete pipe from Sunset Road to Patrick Lane and a trapezoidal concrete channel from Patrick Lane to Russell Road. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$9.2 million for this project.

Tropicana/Flamingo – Lower Flamingo Detention Basin

FLWA 1048 through 1050 – The Board received a presentation and set a priority for funding this project at their February 2009 meeting. This is a 156 acre foot detention basin located at Tropicana Avenue and Decatur Boulevard. Design is underway. Construction is programmed in FY 09/10. The TYCP includes approximately \$7.5 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

Tropicana/Flamingo – Flamingo Wash, Nellis Boulevard to I-515 (PV = 86.0)

FLWA 0080 and 0176 – This project is a channel improvement from Nellis Boulevard to I-515. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$8.4 million for this project.

Tropicana/Flamingo – Las Vegas Wash, Charleston Boulevard to Flamingo Wash (PV = 88.0)

LVMD 0916 through 1069 – This project is a concrete channel improvement to the Las Vegas Wash from Charleston Boulevard to the Flamingo Wash confluence. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$50.2 million for this project.

Tropicana/Flamingo – Tropicana North Branch Detention Basin

TRNB 0089 through 0113 – The Board received a presentation and set a priority for funding this project at their December 2008 meeting. This project includes an inflow channel west of the detention basin in the Ali Baba Lane right-of-way between Arville Street and Schirlls Street. Design is underway. Construction funding is programmed in FY 09/10. The TYCP includes approximately \$2.5 million for this project.

Tropicana/Flamingo – Tropicana Wash at Swenson Street (PV = 93.5)

TRWA 0019, 0034 and 0041 – This is a trapezoidal concrete channel extending from east of Paradise Road to Flamingo Road. Design is underway. Construction funding is programmed in FY 09/10. The TYCP includes approximately \$9.1 million for this project.

Tropicana/Flamingo – Flamingo Maryland Parkway (PV = 73.5)

FLMR 0000 – This is a reinforced concrete pipe storm drain beneath Maryland Parkway from University Avenue to the Flamingo Wash. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$9.4 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 channel improvements from Industrial Road to Hotel Rio Drive. Design is programmed in FY 09/10 and construction funding is programmed in FY 12/13. The TYCP includes approximately \$0.40 million for this project.

Tropicana/Flamingo – Las Vegas Wash – Branch 01, (Tropicana Channel), Boulder Highway to Mountain Vista Street (PV = 83.0)

LV01 0151 – This project is a storm drain beneath Tropicana Avenue from Boulder Highway to Mountain Vista Street. Design is programmed in FY 16/17. The TYCP includes approximately \$0.80 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

Tropicana/Flamingo – Las Vegas Wash – Branch 01, (Tropicana Channel), Las Vegas Wash to Boulder Highway (PV = 79.0)

LV01 0000 through 0118 – This is a reinforced concrete box storm drain and trapezoidal concrete channel extending from Boulder Highway to the Las Vegas Wash along the Tropicana Avenue alignment. Design is programmed in FY 16/17. The TYCP includes approximately \$1.2 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 reinforced concrete pipe storm drain beneath Robindale Road from Arville Street to I-15. Design is programmed in FY 13/14 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$7.6 million for this project.

Duck Creek/Blue Diamond – Lower Blue Diamond Detention Basin and 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. The TYCP includes approximately \$9.1 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 is channel improvements on the Duck Creek-Blue Diamond Wash from Bermuda Road to Las Vegas Boulevard. Design is programmed in FY 12/13 and Right-of-Way Acquisition is programmed in FY 13/14. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$8.3 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 is channel improvements to Blue Diamond Wash from Amigo Street to Haven Street. Design is programmed in FY 16/17 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$14.4 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash Wigwam, UPRR to Jones Boulevard (PV = 93.5)

BDW1 0000 – This project is a reinforced concrete box storm drain in Wigwam Avenue from the UPRR to Jones Boulevard. Design is underway. Construction funding is programmed in FY 09/10. The TYCP includes approximately \$5.0 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

Duck Creek/Blue Diamond – Blue Diamond Wash S. Rainbow, UPRR to Rainbow Boulevard (PV = 84.0)

BDW4 0000 – This project is a reinforced concrete box storm drain primarily in Pebble Road between the UPRR and Torrey Pines. Design is programmed in FY 16/17. The TYCP includes approximately \$1.2 million for this project.

Duck Creek/Blue Diamond – Upper Duck Creek Detention Basin

DCWA 2261 – This detention basin is complete, constructed by developers in the area. Construction funding is programmed in FY 10/11 consistent with Resolution 07-7 adopted by the Board to contribute to the cost of the basin through the special improvement district. The TYCP includes approximately \$3.0 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 is a reinforced concrete box storm drain in Richmar Avenue extending from Decatur Boulevard to I-15. Design is programmed in FY 12/13 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$24.4 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 the UPRR. Right-of-Way Acquisition is programmed in FY 09/10. The TYCP includes approximately \$0.30 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 is a reinforced concrete box storm drain beneath Pyle Avenue. Design is programmed in FY 16/17. The TYCP includes approximately \$1.0 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 a reinforced concrete box storm drain beneath Pyle Avenue. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$9.2 million for this project.

Duck Creek/Blue Diamond – Duck Creek, Mt. Vista Street to Green Valley Parkway (PV = 82.5)

DCWA 0521 and 0580 – This project is a gabion lined open channel extending from Mountain Vista Street to Green Valley Parkway along Duck Creek. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$11.1 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

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

DCWA 0648 – This project is a concrete channel extending 600 feet south of Sunset Road along Duck Creek. Design is programmed in FY 09/10 and construction funding is programmed in FY 12/13. The TYCP includes approximately \$0.90 million for this project.

Duck Creek/Blue Diamond – Duck Creek, Spencer Street to I-215 (PV = 83.0)

DCWA 0967 – This project includes channel improvements on Duck Creek from Spencer Street to I-215. Design is programmed in FY 09/10 and construction funding is programmed in FY 12/13. The TYCP includes approximately \$1.2 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 \$212.8 million on the TYCP.

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

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. The design and construction have been funded previously. Right-of-Way Acquisition and construction funding are programmed in FY 09/10. The TYCP includes approximately \$0.50 million for this project.

Muddy River and Tributaries – Fairgrounds – Whipple Detention Basin

FGWS 0164 through 0166 – This project is a detention basin that will provide protection to the Clark County Fair Grounds. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$1.4 million for this project.

Muddy River and Tributaries – Lewis Avenue to Cooper Avenue

MRLV 0184 through 0357 – This project consists of channel excavation above the normal high water level along the Muddy River in the Moapa Valley. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$10.8 million for this project.

Muddy River and Tributaries – Cooper Avenue to Yamashita Street

MRLV 0377 through 0508 – This project consists of channel excavation above the normal high water level along the Muddy River in the Moapa Valley. Pre-Design is complete. Design is programmed in FY 13/14 and Right-of-Way Acquisition programmed in FY 14/15. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$16.9 million for this project.

Laughlin – Hiko Detention Basin Expansion

LUHS 0244 – This project consists of the expansion of the Hiko Springs Detention Basin from 1,560 acre feet to 1,639 acre feet to accommodate diversion of the Bridge Canyon flow. Design is programmed in FY 12/13 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$2.6 million for this project.

Laughlin – Bridge Canyon Outfall

LUHS 0315 through 0317 – This project consists of a concrete lined channel from Bridge Canyon Detention Basin to Hiko Springs Detention Basin. Design is programmed in FY 16/17. The TYCP includes approximately \$0.30 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

Laughlin – SR 163 at Casino Drive

LUBC 0000 through 0031 – This project consists of riprap channel south of SR 163 at Civic Drive, crossing Casino Drive and out-letting to the Colorado River. Design is underway. Construction funding is programmed in FY 09/10. The TYCP includes approximately \$1.1 million for this project.

Searchlight – South, Encinitas St. Stormdrain

SRSO 0000 through 0030 – This project consists of a storm drain beneath Encinitas Street outletting to the natural wash on the southeast side of the town. Design is programmed in FY 09/10 and construction funding is programmed in FY 12/13. The TYCP includes approximately \$2.1 million for this project.

Bunkerville – Windmill Wash Detention Basin Expansion

WIWA 0039 – This project consists of the expansion of the existing Windmill Wash Detention Basin from 522 acre feet to 887 acre feet. Design is programmed in FY 12/13 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$4.3 million for this project.

The TYCP for the Outlying Areas of Clark County totals approximately \$40.0 million.

In all, among the Tropicana/Flamingo, Duck Creek, Blue Diamond, and Outlying Planning Areas, Clark County has programmed approximately \$252.8 million for flood control facilities over the next 10 years.

REGIONAL FLOOD CONTROL DISTRICT

BOULDER CITY

Projects completed or funded for construction since 1987 include:

Bootleg Canyon Detention Basin Outfall

Buchanan Boulevard Channel

Buchanan Watershed Facilities

Georgia Avenue Channel

Hemenway Wash Improvements

A joint use recreation facility

Industrial Road Facilities

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 Street Drainage

District funding since 1987 for the projects plus design efforts of future projects total approximately \$16,726,583.

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

Georgia/Buchanan – East Airport Facilities

GBAP 0001 – This project is the lower reach of a drainage channel located on the eastern boundary of the Boulder City Airport. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.78 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Boulder City (continued)

Georgia/Buchanan – Buchanan Boulevard, El Camino Way and Gingerwood Street Crossings

GBGR 0001 & GBBC 0110, 0149 and 0153 – This project consists of several reinforced box culverts for crossings of the Buchanan Boulevard Channel at Buchanan Boulevard, El Camino Way and Gingerwood Street. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$1.6 million for this project.

Hemenway – Lake Mead View Estates

HMLV 0006 and 0019 – This project is replacement of under capacity grouted rip-rap channels with concrete channels. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.69 million for this project.

Hemenway – Trailhead Facilities

HMTH 0034 – This project is a riprap dike discharging into the Trailhead Detention Basin. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.09 for this project.

Hemenway – Hemenway Channel Facilities

HMWA 0005, 0105, 0158, 0173, 0175, and 0182 – This project is the remaining segment of the Hemenway Wash Facilities. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.64 million for this project.

Hemenway – Lake Mountain Drive Debris Basin Expansion

HMLM 0066 and 0085 – This project is the expansion of the Lake Mountain Drive Debris Basin to one-acre foot capacity. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.02 for this project.

North Railroad – Bootleg Canyon Detention Basin and Collection

NRBL 0094, 0095, and 0100 – This project is the expansion of the Bootleg Canyon Detention Basin. Design is underway. Construction funding is programmed in FY 09/10. The TYCP includes approximately \$0.18 million for this project.

North Railroad – Veterans Center Levee

NRIN 0031 – This project is an upgrade of the existing Veteran's Center levee to meet FEMA criteria. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.15 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Boulder City (continued)

North Railroad – Railroad Facilities

NRRR 0000 through 0106 – This project consists of a collection channel which outlets into the North Railroad Detention Basin. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. The TYCP includes approximately \$3.1 million for this project.

North Railroad – Yucca Debris Basin, Collection, and Outfall

NRIN 0040, 0066, 0067, and 0088 – This project consists of a debris basin, collection system and outfall facilities. Design is underway. Construction funding is programmed in FY 09/10. The TYCP includes approximately \$0.75 million for this project.

The funding programmed for Boulder City totals approximately \$8.0 million on the TYCP.

REGIONAL FLOOD CONTROL DISTRICT

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 Detention Basin

District funding since 1987 for these projects plus design efforts of future projects totals approximately \$16,406,078.

Mesquite – Town Wash – Phase II Bank Protection, I-15 to Virgin River

TOWA 0000 through 0100 – This project consists of concrete channel improvements. Design is currently underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$16.9 million for this project.

The funding programmed for the City of Mesquite totals approximately \$16.9 million on the TYCP.

REGIONAL FLOOD CONTROL DISTRICT

FY 2010 Project List

The first year of the TYCP comprises the recommended FY 2010 Project List. It should be noted that construction and right-of-way funds programmed in FY 2011 and FY 2012 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 \$80.6 million. Projects eligible for funding in FY 2010 total \$285.6 million. These projects will be funded from the estimated ¼% Sales Tax Revenues, uncommitted funds from previous years, and funds remaining from previous set asides for the Corps of Engineers Tropicana and Flamingo Washes Project. Projected revenue for the first year is \$104.5 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 2010 are as follows:

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

Pittman Burns – Pittman West Horizon – Palm Hills (PV = 91.0)

PTWH 0032 – This project is a concrete channel providing protection to the existing Palm Hills residential subdivision near Mission Drive and Horizon Ridge Parkway. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$1.1 million for this project.

Pittman Burns – Wiesner Channel to Sunset (PV = 86.0)

PTSU 0000 through 0034 – This project consists of a reinforced concrete pipe and open channel that provides protection at the intersection of Sunset Road and Boulder Highway. Design and Right-of-Way Acquisition are programmed in FY 09/10, and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$5.8 million for this project.

Pittman Burns – Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road (PV = 94.5)

PTHR 0104 & 0203 through 0205 – This project consists of a concrete channel from Horizon Ridge Parkway to Sumner Ranch Road and a debris basin located approximately one-half mile south of Horizon Ridge Parkway. Design and Right-of-Way Acquisition are programmed in FY 09/10, and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$1.5 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

FY 2010 Project List (continued)

Pittman Burns – Pioneer Detention Basin Expansion (PV = 88.5)

PTVW 0186 – This project consists of expansion of the existing Pioneer Detention Basin from 377 acre feet to 442 acre feet. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.40 million for this project.

Pittman Burns – Interstate – Lake Mead to Pioneer Detention Basin (PV = 93.5)

PTIS 0000 – This project consists of a concrete channel extending ½ mile upstream of the Pioneer Detention Basin which will improve flood capture and mitigate erosion at the UPRR. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.60 million for this project.

Pittman Beltway – Anthem Parkway Channel – Horizon Ridge St. Rose Pkwy. (PV = 83.5)

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$1.0 million for this project.

Pittman Beltway – Pittman Seven Hills Park Channel (PV = 85.0)

PTSH 0059 – This project consists of a short piece of open grass channel to finish the system through Seven Hills Park. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.10 million for this project.

Lower Pittman – Pittman MacDonald Ranch Debris Basin (PV = 85.5)

PTMR 0478 through 0480 – This project consists of a debris basin three quarter miles upstream of Sunridge Heights Parkway and Green Valley Parkway. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.90 million for this project.

Lower Pittman – Whitney Wash Outfall (PV = 93.0)

WWDC 0069 – This project consists of 800 feet of 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 programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.50 million for this project.

Lower Pittman – Pittman Wash Duck Creek at I-515 (PV = 83.5)

PTDC 0074 – This project consists of an addition of 2 - 10' x 8' reinforced concrete boxes where the Pittman Wash crosses I-515. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.50 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

FY 2010 Project List (continued)

Lower Pittman – UPRR to Arroyo Grande & Pittman Park Spillway (PV = 95.5)

PTWA 0056 and 0092 – This project consists of an open concrete channel within the Pittman Wash from the UPRR to Arroyo Grande Boulevard and improvement of the inlet spillway to the Pittman Park Detention Basin. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$4.1 million for this project.

C-1 – Center Street Stormdrain – Fir Street to Lake Mead Pkwy. (PV = 98.5)

C1CT 0000 through 0048 – This project consists of an underground storm drain beneath Center Street from Lake Mead Parkway to Fir Street ranging in size from 72” diameter pipe to 10’ x 4’ box. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$5.0 million for this project.

C-1 – Equestrian Detention Basin Expansion (PV = 86.0)

C1EQ 0160 – This project consists of expansion of the existing Equestrian Detention basin from 409 acre feet to 544 acre feet. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.80 million for this project.

C-1 – Four Kids Wash – Lake Mead to Eagle Rock Road (PV = 87.0)

C1FK 0040 – This project consists of an open concrete channel from Lake Mead Parkway to Eagle Rock Road. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.80 million for this project.

C-1 – Race Track Channel – Drake to Burkholder (PV = 84.5)

C1RT 0001 through 0041 – This project consists of an open concrete channel and street crossing culverts along Racetrack Road from the Drake Channel to Burkholder Boulevard. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$3.5 million for this project.

Total Programmed First Year: \$ 2,520,811

Total Eligible First Year: \$26,645,656

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

Central – Freeway Channel – Owens Avenue to Miller Avenue, Phase I

LV15 0093 through 0230 – The Board received a presentation and set a priority for funding this project at their December 2008 meeting. This project increases the capacity of an existing concrete channel parallel to and west of I-15 extending from Owens Avenue to Miller Avenue in order to receive additional flow from the Owens Avenue System. City of North Las Vegas is the Lead Entity for this project. Construction by

REGIONAL FLOOD CONTROL DISTRICT

FY 2010 Project List (continued)

NDOT is underway. Construction funding is programmed in FY 09/10. FY 2010 eligible funding is approximately \$4.6 million for this project.

Central – Freeway Channel – Owens Avenue to Miller Avenue, Phase II (PV = 87.0)
LVCS 0000 through 0015 – This project is an underground storm drain beneath Losee Road from Owens to Lake Mead Boulevard ranging in size from 10' x 5' to 12' x 5' reinforced concrete box delivering flow to the I-15 Freeway system. Construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$7.5 million for this project.

Central – Owens Avenue System – Rancho Drive to Shadow Mountain (PV = 88.3)
LVOW 0241 and 0351 – This project is a reinforced concrete box storm drain in Owens Avenue between Rancho Drive and Shadow Mountain. Design is underway. Construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$11.1 million for this project.

Central – Oakey–Meadows Storm Drain (PV = 84.0)
MEOK 0070 through 0217 – This project is a reinforced concrete box storm drain following a stair-step path to the northeast from Sahara Avenue at Edmond Street to Valley View Boulevard and Alta Drive. This project has been divided into three phases. Design is underway. Phase one construction funding is underway. Construction funding is programmed in FY 10/11 for phase two (MEOK 0070 through 0166) and phase three (MEOK 0191 through 0217) FY 2010 eligible funding is approximately \$21.4 million for this project.

Central – Las Vegas Creek Channel Parallel System
LCCH 0051 through 0512 & 0518 through 0543 – This project is a storm drain system in US-95 extending from Martin Luther King Drive to Rainbow Boulevard. This project is complete having been constructed with NDOT's widening project. The Board approved Resolution Number 05-1 to reimburse NDOT for these costs. Construction reimbursement is programmed in FY 11/12 consistent with the resolution. FY 2010 eligible funding is approximately \$5.6 million for this project.

Central – Flamingo Boulder Highway North, Sahara Avenue to Flamingo Wash (PV = 89.3)

FLBN 0001 through 0033 – This project is storm drain beneath Boulder Highway ranging in size from 2 - 10' x 6' RCBC to 3 - 14' x 12' RCBC extending from Sahara Avenue to Flamingo Wash. Design is underway. Construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$12.5 million for this project.

Gowan North – Angel Park North – Detention Basin (PV = 85.0)

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. Design is programmed in FY

REGIONAL FLOOD CONTROL DISTRICT

FY 2010 Project List (continued)

10/11 and construction funding is programmed in FY 11/12. FY 2010 eligible funding is approximately \$3.8 million for this project.

Gowan North – Simmons – Confluence (PV = 89.5)

GOOF 0196 – This project consists of a confluence structure to transition flow from the Simmons storm drain into the Gowan North Channel. Design is underway. Construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$5.5 million for this project.

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

RCHB 0227 – This project is an 11' x 8' RCBC along CC-215 and Fort Apache Road to Echelon Point. Design is programmed in FY 10/11 and construction funding is programmed in FY 11/12. FY 2010 eligible funding is approximately \$4.5 million for this project.

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

ANRB 0000 – This project is a 10' x 7' RCBC beneath Rainbow Boulevard delivering flow to the Ann Road storm drain system. Design is programmed in FY 10/11 and construction funding is programmed in FY 11/12. FY 2010 eligible funding is approximately \$2.7 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Floyd Lamb Park N & S Environmental Enhancement Area and Racel Street Collector

BRDB 0000 through 0033 & RACO 0000 and 0064 & TSDB 0002 through 0012 – The Board received a presentation and set a priority for funding this project at their February 2009 meeting. The project consists of two (2) environmental enhancement areas along with associated drainage collection facilities to collect the storm water flows along Racel Street. The South Environmental Enhancement Area (SEEA) consists of a 165 acre feet detention basin and the North Environmental Enhancement Area (NEEA) consists of a 50 acre feet detention basin. The associated drainage collection facilities will collect storm water flows along Racel Street and convey them to the SEEA. Construction funding is programmed in FY 09/10. FY 2010 eligible funding is approximately \$30.6 million for this project.

Total Programmed First Year: \$ 35,195,361

Total Eligible First Year: \$109,860,902

REGIONAL FLOOD CONTROL DISTRICT

FY 2010 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 – Las Vegas Wash – Lake Mead Boulevard to Las Vegas Boulevard (PV = 92.0)

LVMD 1421, 1424, 1444, 1484, and 1522 – This project consists of a concrete channel within the Las Vegas Wash from Lake Mead Boulevard to Las Vegas Boulevard. Design is underway. Construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$33.0 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 is a large diameter reinforced concrete pipe storm drain beneath Colton Avenue from Commerce Street to I-15 Freeway Channel. Design is underway. Construction funding is programmed in FY 11/12. FY 2010 eligible funding is approximately \$5.0 million for this project.

Range Wash – Lower Range – Orchard Detention Basin (PV = 93.0)

SLOR 0104 through 0148 – This is one of the Sunrise Mountain Detention Basins located near Hollywood Boulevard and Charleston Boulevard. It will help address chronic flooding within Clark County in this vicinity. Design is underway with Clark County as the Lead Entity. Construction funding is programmed in FY 09/10. FY 2010 eligible funding is approximately \$11.4 million for this project.

Total Programmed First Year: \$11,401,970

Total Eligible First Year: \$49,480,469

Clark County (Las Vegas Valley)

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

Tropicana/Flamingo – Flamingo Diversion – South Buffalo Branch, Flamingo Wash to Patrick Lane (PV = 88.5)

FLSB 0010 and 0053 – This is a reinforced concrete box storm drain beneath Buffalo Drive conveying flow from Russell Road to the Flamingo Diversion Channel. Design is part of the Russell Road improvement project by Clark County Public Works. Design is underway. Construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$8.6 million for this project.

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

FLOQ 0000 – This project is a 12' x 8' RCBC intercepting flow in Fort Apache Road and Patrick Lane and delivering it to the F-4 Channel near CC-215. Design is underway. Construction funding is programmed in FY 09/10. FY 2010 eligible funding is approximately \$3.6 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

FY 2010 Project List (continued)

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

FLRB 0050 through 0062 – This is a tributary to the Flamingo Diversion Channel in Rainbow Boulevard. It is a reinforced concrete pipe from Sunset Road to Patrick Lane and a trapezoidal concrete channel from Patrick Lane to Russell Road. Design is underway. Construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$9.2 million for this project.

Tropicana/Flamingo – Lower Flamingo Detention Basin

FLWA 1048 through 1050 – The Board received a presentation and set a priority for funding this project at their February 2009 meeting. This is a 156 acre foot detention basin located at Tropicana Avenue and Decatur Boulevard. Design is underway. Construction is programmed in FY 09/10. FY 2010 eligible funding is approximately \$7.5 million for this project.

Tropicana/Flamingo – Flamingo Wash, Nellis Boulevard to I-515 (PV = 86.0)

FLWA 0080 and 0176 – This project is a channel improvement from Nellis Boulevard to I-515. Design is underway. Construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$8.4 million for this project.

Tropicana/Flamingo – Tropicana North Branch Detention Basin

TRNB 0089 through 0113 – The Board received a presentation and set a priority for funding this project at their December 2008 meeting. This project includes an inflow channel west of the detention basin in the Ali Baba Lane right-of-way between Arville Street and Schirlls Street. Design is underway. Construction funding is programmed in FY 09/10. FY 2010 eligible funding is approximately \$2.5 million for this project.

Tropicana/Flamingo – Tropicana Wash at Swenson Street (PV = 93.5)

TRWA 0019, 0034 and 0041 – This is a trapezoidal concrete channel extending from east of Paradise Road to Flamingo Road. Design is underway. Construction funding is programmed in FY 09/10. FY 2010 eligible funding is approximately \$9.1 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 channel improvements from Industrial Road to Hotel Rio Drive. Design is programmed in FY 09/10 and construction funding is programmed in FY 12/13. FY 2010 eligible funding is approximately \$0.03 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

FY 2010 Project List (continued)

Duck Creek/Blue Diamond – Lower Blue Diamond Detention Basin and 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 2010 eligible funding is approximately \$9.1 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash Wigwam, UPRR to Jones Boulevard (PV = 93.5)

BDW1 0000 – This project is a reinforced concrete box storm drain in Wigwam Avenue from the UPRR to Jones Boulevard. Design is underway. Construction funding is programmed in FY 09/10. FY 2010 eligible funding is approximately \$5.0 million for this project.

Duck Creek/Blue Diamond – Upper Duck Creek Detention Basin

DCWA 2261 – This detention basin is complete, constructed by developers in the area. Construction funding is programmed in FY 10/11 consistent with Resolution 07-7 adopted by the Board to contribute to the cost of the basin through the special improvement district. FY 2010 eligible funding is approximately \$3.0 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 the UPRR. Right-of-Way Acquisition is programmed in FY 09/10. FY 2010 eligible funding is approximately \$0.30 million for this project.

Duck Creek/Blue Diamond – Duck Creek, Mt. Vista Street to Green Valley Parkway (PV = 82.5)

DCWA 0521 and 0580 – This project is a gabion lined open channel extending from Mountain Vista Street to Green Valley Parkway along Duck Creek. Design is underway. Construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$11.1 million for this project.

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

DCWA 0648 – This project is a concrete channel extending 600 feet south of Sunset Road along Duck Creek. Design is programmed in FY 09/10 and construction funding is programmed in FY 12/13. FY 2010 eligible funding is approximately \$0.10 million for this project.

Duck Creek/Blue Diamond – Duck Creek, Spencer Street to I-215 (PV = 83.0)

DCWA 0967 – This project includes channel improvements on Duck Creek from Spencer Street to I-215. Design is programmed in FY 09/10 and construction funding is programmed in FY 12/13. FY 2010 eligible funding is approximately \$0.10 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

FY 2010 Project List (continued)

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. The design and construction have been funded previously. Right-of-Way Acquisition and construction funding are programmed in FY 09/10. FY 2010 eligible funding is approximately \$0.50 million for this project.

Muddy River and Tributaries – Fairgrounds – Whipple Detention Basin

FGWS 0164 through 0166 – This project is a detention basin that will provide protection to the Clark County Fair Grounds. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$1.4 million for this project.

Muddy River and Tributaries – Lewis Avenue to Cooper Avenue

MRLV 0184 through 0357 – This project consists of channel excavation above the normal high water level along the Muddy River in the Moapa Valley. Design is underway. Construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$10.8 million for this project.

Laughlin – SR 163 at Casino Drive

LUBC 0000 through 0031 – This project consists of riprap channel south of SR 163 at Civic Drive, crossing Casino Drive and out-letting to the Colorado River. Design is underway. Construction funding is programmed in FY 09/10. FY 2010 eligible funding is approximately \$1.1 million for this project.

Searchlight – South, Encinitas St. Stormdrain

SRSO 0000 through 0030 – This project consists of a storm drain beneath Encinitas Street outletting to the natural wash on the southeast side of the town. Design is programmed in FY 09/10 and construction funding is programmed in FY 12/13. FY 2010 eligible funding is approximately \$0.10 million for this project.

Clark County (Las Vegas Valley) Programmed First Year: \$28,190,397

Clark County (Las Vegas Valley) Eligible First Year: \$77,690,222

Clark County (Outlying Areas) Programmed First Year: \$ 1,839,733

Clark County (Outlying Areas) Eligible First Year: \$13,920,197

Total Programmed First Year: \$30,030,130

Total Eligible First Year: \$91,610,419

REGIONAL FLOOD CONTROL DISTRICT

FY 2010 Project List (continued)

Boulder City:

Georgia/Buchanan – East Airport Facilities

GBAP 0001 – This project is the lower reach of a drainage channel located on the eastern boundary of the Boulder City Airport. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.78 million for this project.

Georgia/Buchanan – Buchanan Boulevard, El Camino Way and Gingerwood Street Crossings

GBGR 0001 & GBBC 0110, 0149 and 0153 – This project consists of several reinforced box culverts for crossings of the Buchanan Boulevard Channel at Buchanan Boulevard, El Camino Way and Gingerwood Street. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$1.6 million for this project.

Hemenway – Lake Mead View Estates

HMLV 0006 and 0019 – This project is replacement of under capacity grouted rip-rap channels with concrete channels. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.69 million for this project.

Hemenway – Trailhead Facilities

HMTH 0034 – This project is a riprap dike discharging into the Trailhead Detention Basin. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.09 for this project.

Hemenway – Hemenway Channel Facilities

HMWA 0005, 0105, 0158, 0173, 0175, and 0182 – This project is the remaining segment of the Hemenway Wash Facilities. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.64 million for this project.

Hemenway – Lake Mountain Drive Debris Basin Expansion

HMLM 0066 and 0085 – This project is the expansion of the Lake Mountain Drive Debris Basin to one-acre foot capacity. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.02 for this project.

North Railroad – Bootleg Canyon Detention Basin and Collection

NRBL 0094, 0095, and 0100 – This project is the expansion of the Bootleg Canyon Detention Basin. Design is underway. Construction funding is programmed in FY 09/10. FY 2010 eligible funding is approximately \$0.18 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

FY 2010 Project List (continued)

North Railroad – Veterans Center Levee

NRIN 0031 – This project is an upgrade of the existing Veteran’s Center levee to meet FEMA criteria. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$0.15 million for this project.

North Railroad – Railroad Facilities

NRRR 0000 through 0106 – This project consists of a collection channel which outlets into the North Railroad Detention Basin. Design is programmed in FY 09/10 and construction funding is programmed in FY 10/11. FY 2010 eligible funding is approximately \$3.1 million for this project.

North Railroad – Yucca Debris Basin, Collection, and Outfall

NRIN 0040, 0066, 0067, and 0088 – This project consists of a debris basin, collection system and outfall facilities. Design is underway. Construction funding is programmed in FY 09/10. FY 2010 eligible funding is approximately \$0.75 million for this project.

Total Programmed First Year: \$1,491,852

Total Eligible First Year: \$8,042,553

Mesquite:

No projects are eligible within the first year. However, Town Wash Conveyance is nearing completion of design and is programmed for construction in FY 16/17.

Total Programmed 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: UPRR to Arroyo Grande & Pittman Park Spillway											
PTWA 0056 & 0092	3	3	4	2	5	3	4	5	4	4	95.5
	15.0	13.5	16.0	7.0	15.0	7.5	8.0	7.5	4.0	2.0	
PROJECT: Horizon Ridge Debris Basin & Outfall at Summer Ranch Road											
PTHR 0104 & 0203 thru 0205	3	4	2	4	4	4	4	4	3	1	94.5
	15.0	18.0	8.0	14.0	12.0	10.0	8.0	6.0	3.0	0.5	
PROJECT: Interstate - Lake Mead to Pioneer Detention Basin											
PTIS 0000	4	4	4	4	2	2	4	2	3	1	93.5
	20.0	18.0	16.0	14.0	6.0	5.0	8.0	3.0	3.0	0.5	
PROJECT: Whitney Wash Outfall											
WWDC 0069	3	3	3	4	3	4	4	4	4	3	93.0
	15.0	13.5	12.0	14.0	9.0	10.0	8.0	6.0	4.0	1.5	
PROJECT: Pittman West Horizon - Palm Hills											
PTWH 0032	4	4	4	2	2	3	4	3	3	2	91.0
	20.0	18.0	16.0	7.0	6.0	7.5	8.0	4.5	3.0	1.0	
PROJECT: Pioneer Detention Basin Expansion											
PTVW 0186	3	4	3	4	3	2	3	4	3	1	88.5
	15.0	18.0	12.0	14.0	9.0	5.0	6.0	6.0	3.0	0.5	
PROJECT: Wiesner Channel to Sunset											
PTSU 0000 thru 0034	2	4	3	4	4	2	4	2	3	2	86.0
	10.0	18.0	12.0	14.0	12.0	5.0	8.0	3.0	3.0	1.0	
PROJECT: Pittman MacDonald Ranch Debris Basin											
PTMR 0478 thru 0480	3	4	3	4	2	3	3	3	2	1	85.5
	15.0	18.0	12.0	14.0	6.0	7.5	6.0	4.5	2.0	0.5	
PROJECT: Pittman Seven Hills Park Channel											
PTSH 0059	4	3	3	2	3	4	3	3	2	2	85.0
	20.0	13.5	12.0	7.0	9.0	10.0	6.0	4.5	2.0	1.0	
PROJECT: Anthem Parkway Channel - Horizon Ridge St. Rose Pkwy.											
PTAP 0018	3	4	3	3	3	3	2	2	3	3	83.5
	15.0	18.0	12.0	10.5	9.0	7.5	4.0	3.0	3.0	1.5	
PROJECT: Pittman Wash Duck Creek at I-515											
PTDC 0074	3	4	3	2	3	2	4	4	2	3	83.5
	15.0	18.0	12.0	7.0	9.0	5.0	8.0	6.0	2.0	1.5	
PROJECT: Pittman North Detention Basin											
PTNO 0181 thru 0183	3	4	3	3	2	3	3	3	3	1	83.0
	15.0	18.0	12.0	10.5	6.0	7.5	6.0	4.5	3.0	0.5	
PROJECT: North Detention Basin Outfall - Basin to St. Rose											
PTNO 0180	3	4	3	4	3	1	4	2	1	1	83.0
	15.0	18.0	12.0	14.0	9.0	2.5	8.0	3.0	1.0	0.5	
PROJECT: Pittman Wash, Eastern to Pecos											
PTWA 0346 thru 0486	2	5	2	3	2	3	3	3	3	3	79.5
	10.0	22.5	8.0	10.5	6.0	7.5	6.0	4.5	3.0	1.5	
PROJECT: North Detention Basin Outfall - St. Rose to Spencer											
PTNO 0000 thru 0073	4	4	3	2	2	1	3	1	2	1	75.5
	20.0	18.0	12.0	7.0	6.0	2.5	6.0	1.5	2.0	0.5	
PROJECT: Pittman West Detention Basin & Outfall											
PTLA 0127 thru 0221	2	4	4	2	2	3	2	2	3	2	75.5
	10.0	18.0	16.0	7.0	6.0	7.5	4.0	3.0	3.0	1.0	
PROJECT: Pittman North Detention Basin to Larsen Road											
PTSD 0000 thru 0043	3	2	2	3	2	2	3	2	3	2	66.5
	15.0	9.0	8.0	10.5	6.0	5.0	6.0	3.0	3.0	1.0	
PROJECT: Pittman Larsen Las Vegas Blvd. to Bermuda Rd.											
PTLA 0000 thru 0126	3	2	2	3	2	2	3	2	3	2	66.5
	15.0	9.0	8.0	10.5	6.0	5.0	6.0	3.0	3.0	1.0	
HYDROGRAPHIC BASIN: C-1											
PROJECT: Center Street Stormdrain - Fir Street to Lake Mead Pkwy.											
C1CT 0000 thru 0048	4	4	4	4	3	4	2	3	2	2	98.5
	20.0	18.0	16.0	14.0	9.0	10.0	4.0	4.5	2.0	1.0	
PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road											
C1FK 0040	4	3	3	3	3	2	3	4	4	2	87.0
	20.0	13.5	12.0	10.5	9.0	5.0	6.0	6.0	4.0	1.0	
PROJECT: Equestrian Detention Basin Expansion											
C1EQ 0160	4	4	3	3	2	3	3	3	1	1	86.0
	20.0	18.0	12.0	10.5	6.0	7.5	6.0	4.5	1.0	0.5	
PROJECT: Race Track Channel - Drake to Burkholder											
C1RT 0001 thru 0041	4	3	3	3	2	3	3	3	3	3	84.5
	20.0	13.5	12.0	10.5	6.0	7.5	6.0	4.5	3.0	1.5	
PROJECT: C-1 Channel											
C1CH 0161	2	2	2	4	4	3	3	4	3	3	77.0
	10.0	9.0	8.0	14.0	12.0	7.5	6.0	6.0	3.0	1.5	

EXHIBIT B

Project Prioritization

Priority Factor and Weight												Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M			
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5			
CITY OF LAS VEGAS												
HYDROGRAPHIC BASIN: CENTRAL												
PROJECT: Simmons - Cheyenne to Carey												
LAAS 0000 thru 0103	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	4 10.0	3 6.0	2 3.0	1 1.0	2 1.0	90.5	
PROJECT: Flamingo - Boulder Hwy. North, Sahara to Flamingo Wash												
FLBN 0001 thru 0033	4 20.0	3.5 15.8	4 16.0	2 7.0	4 12.0	4 10.0	1 2.0	3 4.5	1 1.0	2 1.0	89.3	
PROJECT: Owens Avenue System - Rancho to Shadow Mountain												
LVOW 0241 & 0351	4 20.0	3.5 15.8	3.5 14.0	3 10.5	3 9.0	2 5.0	3 6.0	2 3.0	3 3.0	4 2.0	88.3	
PROJECT: Freeway Channel - Owens to Miller Avenue, Phase II												
LVCS 0000 thru 0015	4 20.0	3 13.5	4 16.0	2 7.0	4 12.0	4 10.0	1 2.0	3 4.5	1 1.0	2 1.0	87.0	
PROJECT: Oakey Drain, Cahlan to Barnard												
FWOK 0076 thru 0100	4 20.0	4 18.0	4 16.0	3 10.5	2 6.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	84.5	
PROJECT: Oakey - Meadows Storm Drain												
MEOK 0070 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: Boulder Highway Sahara Avenue System												
BHSA 0000 thru 0331 & 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: Las Vegas Wash - Charleston to Stewart												
LVMD 1071	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: Owens Avenue System - Shadow Mtn. to Torrey Pines												
LVOW 0360 and 0460	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	
HYDROGRAPHIC BASIN: GOWAN												
PROJECT: Simmons - Confluence												
GOOF 0196	3 15.0	4 18.0	3 12.0	3 10.5	4 12.0	3 7.5	4 8.0	3 4.5	1 1.0	2 1.0	89.5	
PROJECT: Gowan Outfall - Lone Mtn. Branch, Rancho to Decatur												
GOLO 0152 thru 0275	3 15.0	3 13.5	4 16.0	3 10.5	4 12.0	3 7.5	3 6.0	3 4.5	1 1.0	2 1.0	87.0	
PROJECT: Angel Park North - Detention Basin												
APNO 0001	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	3 1.5	85.0	
PROJECT: Simmons - Alexander to Craig												
GOOF 0199 & 0224	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		
CITY OF LAS VEGAS (cont'd)											
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											
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 Pkwy Channel West - U.S. 95 Facilities											
CN95 0000 thru 0167	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 Buffalo											
LVMD 2632 thru 2661	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: Las Vegas Wash - Grand Teton, Buffalo to Durango											
LVMD 2711 thru 2763	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: Rancho Road System - Grand Canyon to Hualapai											
RCHB 0295	3	3	3	3	2	2	2	3	1	3	73.0
	15.0	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	3	3	3	3	2	2	2	3	1	3	73.0
	15.0	13.5	12.0	10.5	6.0	5.0	4.0	4.5	1.0	1.5	
PROJECT: Floyd Lamb Park S. Env. Enhancement Area Collector											
BRDB 0043 thru 0157	3	2	3	3	2	1	3	3	1	2	67.5
	15.0	9.0	12.0	10.5	6.0	2.5	6.0	4.5	1.0	1.0	

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
CITY OF NORTH LAS VEGAS											
HYDROGRAPHIC BASIN: LOWER NORTHERN LAS VEGAS WASH											
PROJECT: Las Vegas Wash - Lake Mead Blvd. to Las Vegas Blvd.											
LVMD 1421, 1424, 1444, 1484 & 1522	4	3	3	4	3	3	3	3	5	92.0	
	20.0	13.5	12.0	14.0	9.0	7.5	6.0	4.5	3.0	2.5	
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: Las Vegas Wash - Las Vegas Boulevard to Cheyenne											
LVMD 1536, 1543, 1550 & LVNC 0001, 0004	3	4	3	4	3	3	2	3	5	89.5	
	15.0	18.0	12.0	14.0	9.0	7.5	4.0	4.5	3.0	2.5	
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	
HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH											
PROJECT: Las Vegas Wash at 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	
HYDROGRAPHIC BASIN: RANGE											
PROJECT: Orchard Detention Basin											
SLOR 0104 thru 0148	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 0517 & RWBW 0000 & 0030	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											
RWRR 0189 thru 0200	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: 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	

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5	Value	
CLARK COUNTY											
HYDROGRAPHIC BASIN: Tropicana/ Flamingo											
PROJECT: Flamingo Diversion - Rainbow Branch - Russell to Sunset											
FLRB 0050 thru 0062	4	3	4	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: Tropicana Wash at Swenson											
TRWA 0019, 0034 & 0041	3	4	3	2	4	4	4	4	3	93.5	
	15.0	18.0	12.0	7.0	12.0	10.0	8.0	6.0	3.0	2.5	
PROJECT: Flamingo Diversion - South Buffalo Branch, Flamingo Wash to Sunset											
FLSB 0010 thru 0104	3	3	3	3	4	4	4	3	2	88.5	
	15.0	13.5	12.0	10.5	12.0	10.0	8.0	4.5	2.0	1.0	
PROJECT: Las Vegas Wash - Charleston to Flamingo Wash											
LVMD 0916 thru 1069	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: Flamingo Wash, Nellis to I-515											
FLWA 0080 & 0176	3	3	3	3	4	3	4	3	2	86.0	
	15.0	13.5	12.0	10.5	12.0	7.5	8.0	4.5	2.0	1.0	
PROJECT: Flamingo Wash, Industrial to Hotel Rio Dr.											
FLWA 0893 & 0896	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: Las Vegas Wash - Branch 01 (Tropicana Channel), Boulder Highway to Mountain Vista											
LV01 0151	3	3	3	3	4	3	4	2	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 - Branch 01 (Tropicana Channel) - Las Vegas Wash to Boulder Hwy.											
LV01 0000 thru 0118	3	3	3	3	3	3	2	1	3	79.0	
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	1.0	1.5	
PROJECT: Flamingo Maryland Parkway											
FLMR 0000	2	2	3	3	4	3	3	1	3	73.5	
	10.0	9.0	12.0	10.5	9.0	10.0	6.0	4.5	1.0	1.5	
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral											
FLOQ 0000	2	2	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		
CLARK COUNTY (cont'd)											
HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond											
PROJECT: Blue Diamond Wash Wigwam, UPRR to Jones											
BDW1 0000	3	4	3	2	4	4	4	3	5	93.5	
	15.0	18.0	12.0	7.0	12.0	10.0	8.0	6.0	3.0	2.5	
PROJECT: Blue Diamond Channel, Amigo to Rancho Destino											
BDWA 0087 thru 0174	4	3	3	3	3	3	4	3	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	87.5	
	5.0	22.5	12.0	10.5	15.0	2.5	10.0	7.5	2.0	0.5	
PROJECT: Upper Duck Creek Detention Basin											
DCWA 2261	3	4	3	2	4	2	4	4	2	86.5	
	15.0	18.0	12.0	7.0	12.0	5.0	8.0	6.0	2.0	1.5	
PROJECT: Blue Diamond Wash S Rainbow, UPRR to Rainbow											
BDW4 0000	3	3	3	3	4	3	4	2	2	84.0	
	15.0	13.5	12.0	10.5	12.0	7.5	8.0	3.0	2.0	0.5	
PROJECT: Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.											
DCBD 0075, 0082 & 0084	3	3	3	3	3	3	4	3	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, Spencer to I-215											
DCWA 0967	3	3	3	3	3	3	3	3	3	83.0	
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	
PROJECT: Duck Creek, Mt. Vista to Green Valley Pkwy.											
DCWA 0521 & 0580	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: Duck Creek at Sunset											
DCWA 0648	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	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	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	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	80.5	
	15.0	13.5	10.0	10.5	9.0	7.5	6.0	4.5	3.0	1.5	

EXHIBIT C

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009

Adopted June 11, 2009				FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019						
		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19	
TOTAL PLAN			Annual Resources	\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101	
Unencumbered from previous year		(\$70,946,974)	Cumulative Available Resources	\$884,237,475	\$23,870,076	\$29,169,460	\$19,406,690	\$22,762,491	\$19,253,309	\$29,614,407	\$71,230,987	\$80,290,850	\$62,880,486	(\$12,010,585)	
ENTITY RESOURCES			Annual Resources	\$80,474,131	\$10,485,869	\$16,643,223	\$1,862,066	\$2,019,154	\$2,206,424	\$2,372,727	\$20,803,404	\$20,752,449	\$1,995,799	\$1,333,015	
Unencumbered from previous year		(\$5,612,505)	Cumulative Available Resources		\$7,965,059	\$483,436	\$2,345,503	\$918,031	\$1,590,988	\$3,963,715	\$11,604,528	\$17,894,396	\$14,527,452	(\$6,336,893)	
ENTITY TOTAL			\$628,995,883	\$223,680,864	\$86,811,025	\$2,520,811	\$24,124,845	\$0	\$3,446,626	\$1,533,467	\$0	\$13,162,591	\$14,462,580	\$5,362,744	\$22,197,361
HYDROGRAPHIC BASIN: PITTMAN			\$471,269,388	\$177,726,564	\$73,755,116	\$1,793,345	\$14,796,402	\$0	\$446,626	\$1,533,467	\$0	\$13,162,591	\$14,462,580	\$5,362,744	\$22,197,361
SYSTEM: Pittman Burns			\$80,211,394	\$32,192,624	\$9,446,448	\$1,270,774	\$8,175,674	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Pittman West Horizon - Palm Hills															
Design/Admin		PTWH 0032	\$115,296	\$1,081,999	\$70,561	\$48,452									
Right-of-way			\$0												
Construction			\$916,605			\$962,985									
PROJECT: Wiesner Channel to Sunset															
Design/Admin		PTSU 0000 thru 0034	\$624,192	\$5,842,454	\$382,006	\$262,310									
Right-of-way			\$499,353		\$509,340										
Construction			\$4,462,972			\$4,688,798									
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road															
Design/Admin		PTHR 0104 & 0203 thru 0205	\$167,681	\$1,549,764	\$102,621	\$70,466									
Right-of-way			\$134,144		\$136,827										
Construction			\$1,180,135			\$1,239,850									
PROJECT: Pioneer Detention Basin Expansion															
Design/Admin		PTVW 0186	\$52,433	\$399,791	\$32,089	\$22,034									
Right-of-way			\$41,947												
Construction			\$329,019			\$345,667									
PROJECT: Interstate - Lake Mead to Pioneer Detention Basin															
Design/Admin		PTIS 0000	\$60,998	\$572,440	\$37,331	\$25,634									
Right-of-way			\$0												
Construction			\$484,938			\$509,476									
SYSTEM: Pittman Beltway			\$250,622,766	\$32,601,045	\$1,127,160	\$80,737	\$1,046,422	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Anthem Parkway Channel - Horizon Ridge St. Rose Pkwy.															
Design/Admin		PTAP 0018	\$120,056	\$1,025,758	\$73,474	\$50,452									
Right-of-way			\$96,044												
Construction			\$858,397			\$901,832									
PROJECT: Pittman Seven Hills Park Channel															
Design/Admin		PTSH 0059	\$11,868	\$101,401	\$7,263	\$4,987									
Right-of-way			\$9,494												
Construction			\$84,857			\$89,151									
SYSTEM: Lower Pittman			\$135,413,191	\$36,269,083	\$19,195,466	\$441,833	\$5,574,306	\$0	\$0	\$810,052	\$0	\$0	\$12,369,275	\$0	\$0
PROJECT: Pittman MacDonald Ranch Debris Basin															
Design/Admin		PTMR 0478 thru 0480	\$108,507	\$875,887	\$66,406	\$45,599									
Right-of-way			\$86,805												
Construction			\$727,091			\$763,882									
PROJECT: Whitney Wash Outfall															
Design/Admin		WWDC 0069	\$57,601	\$492,141	\$35,252	\$24,206									
Right-of-way			\$46,080												
Construction			\$411,844			\$432,683									
PROJECT: Pittman Wash, Eastern to Pecos															
Design/Admin		PTWA 0346 thru 0486	\$1,069,068	\$13,179,327					\$810,052			\$655,326			
Right-of-way			\$855,254												
Construction			\$7,643,839										\$11,713,949		
PROJECT: Pittman Wash Duck Creek at I-515															
Design/Admin		PTDC 0074	\$58,342	\$498,475	\$35,705	\$24,518									
Right-of-way			\$46,674												
Construction			\$417,145			\$438,253									
PROJECT: UPRR to Arroyo Grande & Pittman Park Spillway															
Design/Admin		PTWA 0056 & 0092	\$497,500	\$4,149,636	\$304,470	\$209,069									
Right-of-way			\$397,999												
Construction			\$3,460,971			\$3,636,096									

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009

Adopted June 11, 2009				FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019							
		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19		
TOTAL PLAN			Annual Resources	\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101		
Unencumbered from previous year		(\$70,946,974)	Cumulative Available Resources	\$884,237,475	\$23,870,076	\$29,169,460	\$19,406,690	\$22,762,491	\$19,253,309	\$29,614,407	\$71,230,987	\$80,290,850	\$62,880,486	(\$12,010,585)		
ENTITY RESOURCES			Annual Resources	\$80,474,131	\$10,485,869	\$16,643,223	\$1,862,066	\$2,019,154	\$2,206,424	\$2,372,727	\$20,803,404	\$20,752,449	\$1,995,799	\$1,333,015		
Unencumbered from previous year		(\$5,612,505)	Cumulative Available Resources		\$7,965,059	\$483,436	\$2,345,503	\$918,031	\$1,590,988	\$3,963,715	\$11,604,528	\$17,894,396	\$14,527,452	(\$6,336,893)		
ENTITY TOTAL			\$628,995,883	\$223,680,864	\$86,811,025	\$2,520,811	\$24,124,845	\$0	\$3,446,626	\$1,533,467	\$0	\$13,162,591	\$14,462,580	\$5,362,744	\$22,197,361	
	SYSTEM: Upper Pittman			\$4,797,807	\$67,042,790	\$43,986,042	\$0	\$0	\$0	\$446,626	\$723,415	\$0	\$13,162,591	\$2,093,306	\$5,362,744	\$22,197,361
	PROJECT: North Detention Basin Outfall - St. Rose to Spencer															
	Design/Admin	PTNO 0000 thru 0073		\$1,707,461	\$25,771,779						\$1,481,112				\$1,176,019	
	Right-of-way			\$1,365,969							\$2,093,306					
	Construction			\$12,208,348									\$21,021,342			
	PROJECT: North Detention Basin Outfall - Basin to St. Rose															
	Design/Admin	PTNO 0180	25% Design left	\$716,046	\$8,664,813			\$125,593			\$414,082					
	Right-of-way			\$572,837				\$723,415								
	Construction			\$5,119,728						\$7,401,723						
	PROJECT: Pittman North Detention Basin															
	Design/Admin	PTNO 0181 thru 0183	25% Design left	\$1,830,317	\$4,186,707			\$321,033			\$264,614					
	Right-of-way			\$1,464,253												
	Construction		25% left after mining	\$9,963,327					\$3,601,060							
	PROJECT: Pittman North Detention Basin to Larsen Road															
	Design/Admin	PTSD 0000 thru 0043		\$513,552	\$500,534									\$500,534		
	Right-of-way			\$410,842												
	Construction			\$3,671,895												
	PROJECT: Pittman West Detention Basin & Outfall															
	Design/Admin	PTLA 0127 thru 0221		\$4,048,889	\$3,946,252									\$3,946,252		
	Right-of-way			\$3,239,112												
	Construction			\$26,183,065												
	PROJECT: Pittman Larsen Las Vegas Blvd. to Bermuda Rd.															
	Design/Admin	PTLA 0000 thru 0126		\$939,781	\$915,958									\$915,958		
	Right-of-way			\$751,827												
	Construction			\$6,719,446												
HYDROGRAPHIC BASIN: C-1			\$157,726,495	\$45,954,300	\$13,055,908	\$727,465	\$9,328,443	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
	SYSTEM: C-1			\$157,726,495	\$45,954,300	\$13,055,908	\$727,465	\$9,328,443	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	PROJECT: Center Street Stormdrain - Fir Street to Lake Mead Pkwy.															
	Design/Admin	C1CT 0000 thru 0048		\$582,908	\$4,980,380	\$356,740	\$244,961									
	Right-of-way			\$466,326												
	Construction			\$4,167,789			\$4,378,679									
	PROJECT: C-1 Channel															
	Design/Admin	C1CH 0161	Landwell	\$634,109	\$3,000,000											
	Right-of-way			\$507,287												
	Construction		Landwell	\$4,533,880				\$3,000,000								
	PROJECT: Equestrian Detention Basin Expansion															
	Design/Admin	C1EQ 0160		\$108,900	\$830,336	\$66,647	\$45,764									
	Right-of-way			\$87,120												
	Construction			\$683,348			\$717,925									
	PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road															
	Design/Admin	C1FK 0040		\$93,104	\$795,481	\$56,980	\$39,126									
	Right-of-way			\$74,483												
	Construction			\$665,691			\$699,375									
	PROJECT: Race Track Channel - Drake to Burkholder															
	Design/Admin	C1RT 0001 thru 0041		\$403,757	\$3,449,711	\$247,099	\$169,675									
	Right-of-way			\$323,006												
	Construction			\$2,886,862			\$3,032,937									

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009

Adopted June 11, 2009					FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019					
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19	
TOTAL PLAN			Annual Resources	\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101	
Unencumbered from previous year		(\$70,946,974)	Cumulative Available Resources	\$884,237,475	\$23,870,076	\$29,169,460	\$19,406,690	\$22,762,491	\$19,253,309	\$29,614,407	\$71,230,987	\$80,290,850	\$62,880,486	(\$12,010,585)	
ENTITY RESOURCES			Annual Resources	\$344,732,831	\$28,948,599	\$75,093,555	\$8,401,569	\$9,110,343	\$9,955,295	\$10,705,650	\$93,864,125	\$93,634,216	\$9,004,967	\$6,014,511	
Unencumbered from previous year		(\$43,686,618)	Cumulative Available Resources		(\$6,246,762)	\$9,458,983	\$953,654	\$1,286,524	\$27,649	\$3,056,757	\$904,694	\$18,378,056	\$19,664,213	(\$21,188,828)	
ENTITY TOTAL		\$1,034,304,336	\$1,255,815,649	\$365,921,659	\$35,195,361	\$59,387,811	\$16,906,898	\$8,777,474	\$11,214,169	\$7,676,541	\$96,016,188	\$76,160,854	\$7,718,810	\$46,867,552	
HYDROGRAPHIC BASIN: CENTRAL		\$471,498,118	\$589,529,376	\$197,199,966	\$4,645,361	\$52,493,439	\$5,883,840	\$348,893	\$8,832,267	\$6,027,536	\$19,463,176	\$44,919,092	\$7,718,810	\$46,867,552	
SYSTEM: LV Wash I-15 Tributary		\$87,415,667	\$134,584,448	\$41,528,662	\$4,645,361	\$18,615,294	\$0	\$0	\$7,360,071	\$0	\$10,907,936	\$0	\$0	\$0	
	PROJECT: Freeway Channel - Owens to Miller Avenue, Phase I														
	Design/Admin	LV15 0193 thru 0230	EFS	\$23,357	\$4,645,361										
	Right-of-way		12/11/08	\$18,686											
	Construction			\$167,002		\$4,645,361									
	PROJECT: Freeway Channel - Owens to Miller Avenue, Phase II														
	Design/Admin	LVCS 0000 thru 0015		\$731,219	\$7,515,294		\$491,655								
	Right-of-way			\$584,974											
	Construction		70% Eng. Est.	\$5,228,210			\$7,023,639								
	PROJECT: Simmons - Cheyenne to Carey														
	Design/Admin	LAAS 0000 thru 0103	Design Started 06/07	\$599,549	\$6,602,859					\$302,859					
	Right-of-way		NLV14F07	\$959,280											
	Construction		70% Eng. Est.	\$8,573,557				\$6,300,000							
	PROJECT: Owens Avenue System - Rancho to Shadow Mountain														
	Design/Admin	LVOW 0241 & 0351	Design Started 05/06	\$620,491	\$11,100,000		\$1,100,000								
	Right-of-way		LAS19C05	\$992,784											
	Construction			\$8,873,012			\$10,000,000								
	PROJECT: Owens Avenue System - Shadow Mtn. to Torrey Pines														
	Design/Admin	LVOW 0360 and 0460		\$999,332	\$11,665,148					\$757,212		\$577,904			
	Right-of-way			\$799,465											
	Construction			\$7,145,222						\$10,330,032					
SYSTEM: LV Wash Central		\$373,329,189	\$201,936,683	\$39,525,721	\$0	\$21,432,100	\$5,883,840	\$0	\$0	\$4,490,970	\$0	\$0	\$7,718,810	\$0	
	PROJECT: Las Vegas Wash - Charleston to Stewart														
	Design/Admin	LVMD 1071		\$629,370	\$8,233,845						\$515,036			\$408,944	
	Right-of-way			\$503,496											
	Construction			\$4,499,992									\$7,309,866		
	PROJECT: Oakey Drain - Cahlan to Barnard														
	Design/Admin	FWOK 0076 thru 0100		\$386,111	\$4,231,493			\$255,558			\$210,646				
	Right-of-way			\$308,889											
	Construction			\$2,760,694						\$3,765,289					
	PROJECT: Oakey - Meadows Storm Drain														
	Design/Admin	MEOK 0070 thru 0166	Design Started 03/04 LAS05E03	\$1,061,879	\$21,432,100		\$701,050								
	Construction					\$15,184,887		\$10,015,000							
	Design/Admin	MEOK 0191 thru 0217		\$325,536			\$701,050								
	Construction					\$4,655,162		\$10,015,000							
	PROJECT: Las Vegas Creek Channel Parallel System														
	Construction	LCCH 0051 thru 0512 & 0518 thru 0543	Resolution 05-1	\$5,628,282	\$5,628,282			\$5,628,282							

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009

Adopted June 11, 2009					FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019					
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19	
TOTAL PLAN			Annual Resources	\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101	
Unencumbered from previous year		(\$70,946,974)	Cumulative Available Resources	\$884,237,475	\$23,870,076	\$29,169,460	\$19,406,690	\$22,762,491	\$19,253,309	\$29,614,407	\$71,230,987	\$80,290,850	\$62,880,486	(\$12,010,585)	
ENTITY RESOURCES			Annual Resources	\$344,732,831	\$28,948,599	\$75,093,555	\$8,401,569	\$9,110,343	\$9,955,295	\$10,705,650	\$93,864,125	\$93,634,216	\$9,004,967	\$6,014,511	
Unencumbered from previous year		(\$43,686,618)	Cumulative Available Resources		(\$6,246,762)	\$9,458,983	\$953,654	\$1,286,524	\$27,649	\$3,056,757	\$904,694	\$18,378,056	\$19,664,213	(\$21,188,828)	
ENTITY TOTAL			\$1,034,304,336	\$1,255,815,649	\$365,921,659	\$35,195,361	\$59,387,811	\$16,906,898	\$8,777,474	\$11,214,169	\$7,676,541	\$96,016,188	\$76,160,854	\$7,718,810	\$46,867,552
SYSTEM: Sahara Boulder Highway			\$10,753,262	\$253,008,245	\$116,145,583	\$0	\$12,446,045	\$0	\$348,893	\$1,472,196	\$1,536,565	\$8,555,240	\$44,919,092	\$0	\$46,867,552
PROJECT: Boulder Highway Sahara Avenue - Mojave to Boulder Hwy															
Design/Admin	BHSA 0000		\$497,288	\$5,776,908				\$348,893			\$287,577				
Right-of-way			\$397,831												
Construction			\$3,555,611						\$5,140,439						
PROJECT: Boulder Highway Sahara Avenue - Eastern to Mojave															
Design/Admin	BHSA 0026		\$1,553,335	\$19,149,299					\$1,176,990			\$952,175			
Right-of-way			\$1,242,668												
Construction			\$11,106,345							\$17,020,134					
PROJECT: Sahara Avenue - Eastern Lateral															
Design/Admin	SAEA 0000		\$389,599	\$4,802,926					\$295,206			\$238,819			
Right-of-way			\$311,679												
Construction			\$2,785,635							\$4,268,900					
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern															
Design/Admin	BHSA 0075		\$1,877,672	\$23,261,498						\$1,536,565		\$1,150,990			
Right-of-way			\$1,502,137												
Construction			\$13,425,353							\$20,573,942					
PROJECT: Boulder Highway Sahara Avenue - L.V. Blvd. to Maryland															
Design/Admin	BHSA 0175		\$2,667,545	\$36,992,571							\$2,313,923			\$1,837,280	
Right-of-way			\$2,134,036												
Construction			\$19,072,943										\$32,841,368		
PROJECT: Boulder Highway Sahara Avenue - Industrial to L.V. Blvd															
Design/Admin	BHSA 0289		\$937,593	\$13,002,206							\$813,301			\$645,770	
Right-of-way			\$750,074												
Construction			\$6,703,787									\$11,543,134			
PROJECT: Boulder Highway Sahara Avenue - I-15 to Industrial															
Design/Admin	BHSA 0331		\$776,667	\$714,131								\$714,131			
Right-of-way			\$621,334												
Construction			\$5,553,173												
PROJECT: Flamingo - Boulder Hwy. North, Sahara to Flamingo Wash															
Design/Admin	FLBN 0001 thru 0033	Design Started 05/06	\$1,569,087	\$12,446,045		\$659,393									
Right-of-way		CLA04M06	\$1,255,270												
Construction			\$11,218,972			\$11,786,652									
HYDROGRAPHIC BASIN: GOWAN			\$367,632,819	\$231,300,483	\$35,532,763	\$0	\$5,770,763	\$3,775,000	\$0	\$0	\$0	\$25,752,776	\$234,223	\$0	\$0
SYSTEM: Gowan North			\$195,013,054	\$230,164,471	\$35,532,763	\$0	\$5,770,763	\$3,775,000	\$0	\$0	\$0	\$25,752,776	\$234,223	\$0	\$0
PROJECT: Angel Park North - Detention Basin															
Design/Admin	APNO 0001		\$90,347	\$4,025,000		\$250,000	\$275,000								
Right-of-way			\$72,277												
Construction			\$566,925				\$3,500,000								
PROJECT: Simmons - Confluence															
Design/Admin	GOOF 0196	Design Started 06/07	\$69,483	\$5,520,763		\$271,848									
Right-of-way		NLV04F07	\$111,172												
Construction			\$906,749			\$5,248,915									
PROJECT: Simmons - Alexander to Craig															
Design/Admin	GOOF 0199 & 0224	Design Started 06/07	\$254,734	\$234,223								\$234,223			
Right-of-way		NLV04F07	\$407,574												
Construction			\$15,633,579												
PROJECT: Gowan Outfall - Lone Mtn. Branch, Rancho to Decatur															
Design/Admin	GOLO 0152 thru 0275	Design Started 07/08	\$2,359,343	\$25,752,776							\$1,364,385				
Right-of-way		LAS24E07	\$1,887,475												
Construction			\$16,869,306								\$24,388,391				

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009

Adopted June 11, 2009					FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019					
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19	
TOTAL PLAN			Annual Resources	\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101	
Unencumbered from previous year		(\$70,946,974)	Cumulative Available Resources	\$884,237,475	\$23,870,076	\$29,169,460	\$19,406,690	\$22,762,491	\$19,253,309	\$29,614,407	\$71,230,987	\$80,290,850	\$62,880,486	(\$12,010,585)	
ENTITY RESOURCES			Annual Resources	\$344,732,831	\$28,948,599	\$75,093,555	\$8,401,569	\$9,110,343	\$9,955,295	\$10,705,650	\$93,864,125	\$93,634,216	\$9,004,967	\$6,014,511	
Unencumbered from previous year		(\$43,686,618)	Cumulative Available Resources		(\$6,246,762)	\$9,458,983	\$953,654	\$1,286,524	\$27,649	\$3,056,757	\$904,694	\$18,378,056	\$19,664,213	(\$21,188,828)	
ENTITY TOTAL		\$1,034,304,336	\$1,255,815,649	\$365,921,659	\$35,195,361	\$59,387,811	\$16,906,898	\$8,777,474	\$11,214,169	\$7,676,541	\$96,016,188	\$76,160,854	\$7,718,810	\$46,867,552	
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH		\$195,173,399	\$434,985,790	\$133,188,931	\$30,550,000	\$1,123,609	\$7,248,057	\$8,428,581	\$2,381,902	\$1,649,006	\$50,800,236	\$31,007,539	\$0	\$0	
SYSTEM: Ann Road		\$81,265,485	\$33,976,666	\$29,259,139	\$0	\$1,123,609	\$7,248,057	\$8,428,581	\$0	\$437,507	\$5,835,623	\$6,185,760	\$0	\$0	
	PROJECT:Rancho Road System - Fort Apache to Grand Canyon														
	Design/Admin	RCHB 0275		\$534,631	\$6,210,715			\$375,092			\$309,172				
	Right-of-way			\$427,705											
	Construction			\$3,822,614						\$5,526,451					
	PROJECT:Rancho Road System - Grand Canyon to Hualapai														
	Design/Admin	RCHB 0295		\$534,631	\$6,623,268					\$437,507		\$327,722			
	Right-of-way			\$427,705											
	Construction			\$3,822,614						\$5,858,038					
	PROJECT: Rancho Road System - Beltway to Echelon Point														
	Design/Admin	RCHB 0227		\$537,241	\$4,813,135		\$338,655	\$237,059							
	Right-of-way			\$429,793											
	Construction			\$3,841,271			\$4,237,421								
	PROJECT: Rancho Road System - Echelon Point to Elkhorn														
	Design/Admin	RCHB 0250		\$912,230	\$8,628,523		\$575,033	\$426,675							
	Right-of-way			\$729,784											
	Construction			\$6,522,448			\$7,626,815								
	PROJECT: Ann Road Channel West - Rainbow														
	Design/Admin	ANRB 0000		\$333,017	\$2,983,498		\$209,921	\$146,944							
	Right-of-way			\$266,414											
	Construction			\$2,381,073			\$2,626,633								
	SYSTEM: Upper Western Tributary		\$83,168,252	\$267,056,950	\$103,929,792	\$30,550,000	\$0	\$0	\$0	\$2,381,902	\$1,211,498	\$44,964,613	\$24,821,779	\$0	\$0
		PROJECT: Centennial Pkwy Channel West - U.S. 95 Facilities													
Design/Admin		CN95 0000 thru 0167		\$3,143,521	\$36,694,170				\$2,381,902		\$1,817,868				
Right-of-way				\$2,514,818											
Construction				\$22,476,184						\$32,494,400					
PROJECT: Floyd Lamb Park N. & S. Env. Enhancement Area and Racel Street Collector															
Design/Admin		BRDB 0000 thru 0033; RACO 0000 & 0064; & TSDB 0002 thru 0012	EFS	\$976,375	\$30,550,000	\$3,150,000									
Right-of-way			2/11/09	\$1,562,199											
Construction				\$13,738,735		\$27,400,000									
PROJECT: Las Vegas Wash - Grand Teton, Mountain Spa to Buffalo															
Design/Admin		LVMD 2632 thru 2661	Design Started 08/09	\$975,916	\$10,652,346						\$564,363				
Right-of-way			LAS22K08	\$780,733											
Construction				\$6,977,798						\$10,087,983					
PROJECT: Las Vegas Wash - Grand Teton, Buffalo to Durango															
Design/Admin		LVMD 2711 thru 2763	Design Started 08/09	\$664,888	\$7,692,843							\$407,568			
Right-of-way			LAS22L08	\$531,909											
Construction				\$4,753,945						\$7,285,275					
PROJECT: Floyd Lamb Park S. Env. Enhancement Area Collector															
Design/Admin		BRDB 0043 thru 0157		\$1,480,442	\$18,340,434					\$1,211,498		\$907,493			
Right-of-way				\$1,184,355											
Construction				\$10,585,166						\$16,221,443					

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009

Adopted June 11, 2009					FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019				
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19
TOTAL PLAN			Annual Resources	\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101
Unencumbered from previous year	(\$70,946,974)	Cumulative Available Resources		\$884,237,475	\$23,870,076	\$29,169,460	\$19,406,690	\$22,762,491	\$19,253,309	\$29,614,407	\$71,230,987	\$80,290,850	\$62,880,486	(\$12,010,585)
ENTITY RESOURCES			Annual Resources	\$144,408,061	\$20,098,905	\$29,560,743	\$3,307,296	\$3,586,307	\$3,918,924	\$4,214,302	\$36,949,819	\$36,859,315	\$3,544,825	\$2,367,626
Unencumbered from previous year	(\$8,494,107)	Cumulative Available Resources			\$8,696,935	\$4,726,184	\$2,954,982	\$6,033,997	\$62,568	\$145,694	\$22,264,795	\$11,496,653	\$1,312,767	(\$9,379,008)
ENTITY TOTAL		\$498,594,396	\$457,902,928	\$153,787,069	\$11,401,970	\$33,531,494	\$5,078,499	\$507,291	\$9,890,352	\$4,131,177	\$14,830,718	\$47,627,457	\$13,728,711	\$13,059,400
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH		\$269,907,523	\$225,301,453	\$83,894,865	\$0	\$33,531,494	\$5,078,499	\$0	\$9,890,352	\$646,922	\$1,499,056	\$11,427,164	\$13,728,711	\$8,092,667
SYSTEM: Lower Western Tributary		\$101,096,096	\$22,970,596	\$63,200,064	\$0	\$33,531,494	\$5,078,499	\$0	\$9,890,352	\$0	\$971,007	\$0	\$13,728,711	\$0
PROJECT: Las Vegas Wash - Lake Mead Blvd. to Las Vegas Blvd.														
Design/Admin	LVMD 1421, 1424, 1444, 1484 & 1522	Design Started 07/08	\$2,287,082	\$33,000,000		\$3,000,000								
Right-of-way		NLV10H07	\$1,829,665											
Construction			\$16,029,750			\$30,000,000								
PROJECT: Las Vegas Boulevard Drain														
Design/Admin	LVLV 0000		\$1,119,400	\$14,699,718							\$971,007		\$727,349	
Right-of-way			\$895,520											
Construction			\$8,003,707							\$13,001,362				
PROJECT: Las Vegas Wash - Las Vegas Boulevard to Cheyenne														
Design/Admin	LVMD 1536, 1543, 1550; & LVNC 0001, 0004		\$843,159	\$10,421,846		\$531,494			\$425,918					
Right-of-way			\$674,527											
Construction			\$7,570,127					\$9,464,435						
PROJECT: Colton Channel I-15 to Fifth Street														
Design/Admin	LVCL 0000	Design Started 07/08	\$609,764	\$5,078,499			\$269,060							
Right-of-way		NLV18A07	\$487,811											
Construction			\$4,359,812			\$4,809,439								
SYSTEM: LV Wash Craig		\$122,551,526	\$52,864,411	\$20,694,801	\$0	\$0	\$0	\$0	\$0	\$646,922	\$528,049	\$11,427,164	\$0	\$8,092,667
PROJECT: Fifth Street Collector - Centennial to Deer Springs														
Design/Admin	LV5C 0000 & 0002		\$608,747	\$8,620,716							\$528,049			\$419,276
Right-of-way			\$498,618											
Construction			\$4,456,396							\$7,673,391				
PROJECT: Ann Road Channel East Las Vegas Wash to Fifth Street														
Design/Admin	ANEA 0008 & 0040		\$790,534	\$12,074,086						\$646,922		\$484,588		
Right-of-way			\$798,935											
Construction			\$7,140,486						\$10,942,576					
HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH		\$75,173,771	\$17,315,363	\$4,946,747	\$0	\$0	\$0	\$0	\$0	\$349,653	\$4,597,095	\$0	\$0	\$0
SYSTEM: Lower Las Vegas Wash		\$75,173,771	\$17,315,363	\$4,946,747	\$0	\$0	\$0	\$0	\$0	\$349,653	\$4,597,095	\$0	\$0	\$0
PROJECT: Las Vegas Wash at Flamingo Confluence														
Design/Admin	LVMD 0883 & 0911		\$427,273	\$4,946,747						\$349,653	\$247,088			
Right-of-way			\$341,818											
Construction			\$3,008,874						\$4,350,007					

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009

Adopted June 11, 2009					FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019				
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19
TOTAL PLAN			Annual Resources	\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101
Unencumbered from previous year	(\$70,946,974)	Cumulative Available Resources		\$884,237,475	\$23,870,076	\$29,169,460	\$19,406,690	\$22,762,491	\$19,253,309	\$29,614,407	\$71,230,987	\$80,290,850	\$62,880,486	(\$12,010,585)
ENTITY RESOURCES			Annual Resources	\$144,408,061	\$20,098,905	\$29,560,743	\$3,307,296	\$3,586,307	\$3,918,924	\$4,214,302	\$36,949,819	\$36,859,315	\$3,544,825	\$2,367,626
Unencumbered from previous year	(\$8,494,107)	Cumulative Available Resources			\$8,696,935	\$4,726,184	\$2,954,982	\$6,033,997	\$62,568	\$145,694	\$22,264,795	\$11,496,653	\$1,312,767	(\$9,379,008)
ENTITY TOTAL		\$498,594,396	\$457,902,928	\$153,787,069	\$11,401,970	\$33,531,494	\$5,078,499	\$507,291	\$9,890,352	\$4,131,177	\$14,830,718	\$47,627,457	\$13,728,711	\$13,059,400
HYDROGRAPHIC BASIN: RANGE		\$153,513,102	\$215,286,112	\$64,945,457	\$11,401,970	\$0	\$0	\$507,291	\$0	\$3,134,602	\$8,734,567	\$36,200,293	\$0	\$4,966,733
SYSTEM: Lower Range		\$78,320,739	\$34,332,276	\$20,275,316	\$11,401,970	\$0	\$0	\$507,291	\$0	\$788,939	\$7,577,115	\$0	\$0	\$0
PROJECT: Orchard Detention Basin														
Design/Admin	SLOR 0104 thru 0148	Design Started 00/01	\$308,193	\$11,401,970	\$1,036,543									
Right-of-way		CLA21A00	\$411,221											
Construction			\$3,317,716		\$10,365,427									
PROJECT: Owens Detention Basin & Outfall														
Design/Admin	SLWA 0130 thru 0175; & SLOW 0000 thru 0005		\$723,059	\$8,873,346				\$507,291			\$418,138			
Right-of-way			\$578,447					\$788,939						
Construction			\$4,951,822					\$7,158,977						
SYSTEM: West Range		\$73,386,808	\$134,004,822	\$44,670,141	\$0	\$0	\$0	\$0	\$0	\$2,345,663	\$1,157,452	\$36,200,293	\$0	\$4,966,733
PROJECT: Beltway Detention Basin														
Design/Admin	RWRR 0189 thru 0200		\$431,299	\$5,839,691							\$374,124			\$297,058
Right-of-way			\$345,040								\$498,833			
Construction			\$2,711,959										\$4,669,675	
PROJECT: Centennial Collector														
Design/Admin	RWCC 0000		\$327,972	\$4,079,172							\$284,495	\$201,043		
Right-of-way			\$262,377											
Construction			\$2,344,996						\$3,593,635					
PROJECT: Vandenberg North Detention Basin, Collection & Outfall														
Design/Admin	RWWE 0397 thru 0517; & RWBW 0000 & 0030		\$2,866,383	\$34,751,279						\$2,345,663		\$1,757,058		
Right-of-way			\$2,293,108											
Construction			\$19,999,459							\$30,648,558				

EXHIBIT C

CLARK COUNTY 10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009

Adopted June 11, 2009					FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019							
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19			
TOTAL PLAN																	
Unencumbered from previous year		(\$70,946,974)	Cumulative Available Resources	\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101			
			Annual Resources	\$884,237,475	\$23,870,076	\$29,169,460	\$19,406,690	\$22,762,491	\$19,253,309	\$29,614,407	\$71,230,987	\$80,290,850	\$62,880,486	(\$12,010,585)			
ENTITY RESOURCES																	
Unencumbered from previous year		(\$15,472,981)	Cumulative Available Resources	\$252,596,878	\$34,656,621	\$51,826,238	\$5,798,390	\$6,287,555	\$6,870,703	\$7,388,564	\$64,780,851	\$64,622,179	\$6,214,828	\$4,150,949			
			Annual Resources	\$252,596,878	\$4,626,491	\$4,019,135	\$670,830	\$42,218	\$1,090,382	\$3,966,519	\$8,220,394	\$11,427,634	\$4,281,943	(\$199,966)			
ENTITY TOTAL					\$1,211,868,732	\$741,492,385	\$252,796,844	\$30,030,130	\$52,433,594	\$9,146,695	\$6,916,167	\$5,822,538	\$4,512,427	\$60,526,976	\$61,414,939	\$13,360,519	\$8,632,858
HYDROGRAPHIC BASIN: Tropicana/ Flamingo					\$827,922,279	\$237,488,333	\$116,158,872	\$22,717,413	\$26,228,130	\$0	\$678,243	\$3,775,409	\$0	\$4,848,580	\$57,911,096	\$0	\$0
SYSTEM: Tropicana Flamingo Project					\$439,474,908	\$57,520,990	\$26,555,159	\$3,600,000	\$17,794,930	\$0	\$311,649	\$0	\$0	\$4,848,580	\$0	\$0	\$0
PROJECT: Flamingo Diversion - South Buffalo Branch, Flamingo Wash to Patrick																	
Design/Admin		FLSB 0010 & 0053	Design Started 08/09	\$1,088,805		\$457,559											
Right-of-way			CLA26C08	\$871,044	\$8,636,433												
Construction				\$7,784,955			\$8,178,874										
PROJECT: Flamingo Diversion - South Buffalo Branch, Patrick to Sunset																	
Design/Admin		FLSB 0104		\$444,203				\$311,649				\$256,878					
Right-of-way				\$355,363	\$5,160,229												
Construction				\$3,176,053									\$4,591,702				
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral																	
Design/Admin		FLOQ 0000	Design Started 04/05	\$1,226,044	\$300,000												
Right-of-way			CLA01B04	\$980,836	\$3,600,000												
Construction				\$8,766,218		\$3,300,000											
PROJECT: Flamingo Diversion - Rainbow Branch - Russell to Sunset																	
Design/Admin		FLRB 0050 thru 0062	Design Started 08/09	\$1,154,622		\$485,218											
Right-of-way			CLA27C08	\$923,697	\$9,158,497												
Construction				\$8,255,548			\$8,673,279										
SYSTEM: Flamingo Decatur					\$89,660,827	\$7,404,959	\$7,454,000	\$7,454,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Lower Flamingo Detention Basin																	
Design/Admin		FLWA 1048 thru 1050	EFS	\$260,082	\$324,000												
Right-of-way			2/12/09	\$416,132	\$7,454,000	\$130,000											
Construction				\$3,274,724		\$7,000,000											
SYSTEM: Lower Flamingo					\$276,594,452	\$122,597,305	\$80,129,782	\$11,663,413	\$8,433,200	\$0	\$366,594	\$3,775,409	\$0	\$0	\$55,891,165	\$0	\$0
PROJECT: Flamingo Wash, Nellis to I-515																	
Design/Admin		FLWA 0080 & 0176	Design Started 08/09	\$1,063,183		\$446,792											
Right-of-way			CLA04Q08	\$850,546	\$8,433,200												
Construction				\$7,601,759			\$7,986,408										
PROJECT: Las Vegas Wash - Charleston to Flamingo Wash																	
Design/Admin		LVMD 0916 thru 1069		\$4,218,249				\$3,196,243				\$2,585,735					
Right-of-way				\$3,374,599	\$50,243,700												
Construction				\$29,013,123									\$44,461,722				
PROJECT: Tropicana North Branch Detention Basin																	
Design/Admin		TRNB 0089 thru 0113	EFS	\$283,462	\$494,000												
Right-of-way			12/11/08	\$336,066	\$2,494,000												
Construction			Outside Funds	\$2,804,305		\$2,000,000											
PROJECT: Tropicana Wash at Swenson																	
Design/Admin		TRWA 0019, 0034 & 0041	Design Started 07/08	\$232,158	\$794,000												
Right-of-way			CLA10D07	\$185,727	\$9,144,000												
Construction				\$1,659,938		\$8,350,000											
PROJECT: Flamingo Maryland Parkway																	
Design/Admin		FLMR 0000		\$764,356					\$579,166				\$468,541				
Right-of-way				\$611,485	\$9,422,874												
Construction				\$5,465,145									\$8,375,167				
PROJECT: Flamingo Wash - Industrial to Hotel Rio Dr.																	
Design/Admin		FLWA 0893 & 0896		\$41,525	\$25,413			\$19,422									
Right-of-way				\$33,220	\$392,007												
Construction				\$296,901					\$347,172								
SYSTEM: Lower LV Wash Tributaries					\$22,192,092	\$49,965,079	\$2,019,931	\$0	\$0	\$0	\$0	\$0	\$0	\$2,019,931	\$0	\$0	\$0
PROJECT: Las Vegas Wash - Branch 01 (Tropicana Channel) - Boulder Highway to Mountain Vista																	
Design/Admin		LV01 0151		\$893,655									\$821,699				
Right-of-way				\$714,924	\$821,699												
Construction				\$6,389,633													
PROJECT: Las Vegas Wash - Branch 01 (Tropicana Channel) - Las Vegas Wash to Boulder Hwy.																	
Design/Admin		LV01 0001 thru 0118		\$1,303,160									\$1,198,232				
Right-of-way				\$1,042,529	\$1,198,232												
Construction				\$9,317,597													

EXHIBIT C

CLARK COUNTY 10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009

Adopted June 11, 2009					FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019									
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19					
TOTAL PLAN																			
Unencumbered from previous year			(\$70,946,974)	Cumulative Available Resources	\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101				
ENTITY RESOURCES																			
Unencumbered from previous year			(\$15,472,981)	Cumulative Available Resources	\$252,596,878	\$34,656,621	\$51,826,238	\$5,798,390	\$6,287,555	\$6,870,703	\$7,388,564	\$64,780,851	\$64,622,179	\$6,214,828	\$4,150,949				
ENTITY TOTAL					\$1,211,868,732	\$741,492,385	\$252,796,844	\$30,030,130	\$52,433,594	\$9,146,695	\$6,916,167	\$5,822,538	\$4,512,427	\$60,526,976	\$61,414,939	\$13,360,519	\$8,632,858		
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond					\$324,933,694	\$317,473,688	\$96,644,759	\$5,472,984	\$14,125,000	\$9,146,695	\$3,841,544	\$1,153,586	\$0	\$37,708,168	\$3,203,406	\$13,360,519	\$8,632,858		
SYSTEM: Blue Diamond Tributaries					\$40,999,871	\$84,772,428	\$45,592,895	\$5,050,000	\$0	\$9,146,695	\$458,458	\$1,153,586	\$0	\$14,240,331	\$2,183,306	\$13,360,519	\$0		
PROJECT: Blue Diamond Wash - Arville to I-15																			
Design/Admin		BDWA 0276		\$651,174	\$7,601,121					\$493,406		\$376,568							
Right-of-way				\$520,939															
Construction				\$4,655,895									\$6,731,148						
PROJECT: Lower Blue Diamond DB Collector Channel																			
Design/Admin		BDWA 0477 thru 0613	Resolution 04-4		\$9,146,695														
Right-of-way																			
Construction								\$9,146,695											
PROJECT: Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.																			
Design/Admin		DCBD 0075, 0082 & 0084		\$653,455	\$8,251,253				\$458,458			\$377,887							
Right-of-way				\$522,764					\$660,179										
Construction				\$4,672,206								\$6,754,729							
PROJECT: Blue Diamond Channel, Amigo to Rancho Destino																			
Design/Admin		BDWA 0087 thru 0174		\$1,089,378	\$14,362,182								\$1,001,663		\$707,842				
Right-of-way				\$871,503															
Construction				\$7,789,055												\$12,652,677			
PROJECT: Blue Diamond Wash Wigwam, UPRR to Jones																			
Design/Admin		BDW1 0000	Design Started 05/06	\$305,845	\$5,050,000	\$410,000													
Right-of-way			CLA16G05	\$244,676															
Construction			Eng. Est.	\$2,186,792		\$4,640,000													
PROJECT: Blue Diamond Wash S Rainbow, UPRR to Rainbow																			
Design/Admin		BDW4 0000		\$1,285,119	\$1,181,643									\$1,181,643					
Right-of-way				\$1,028,095															
Construction				\$9,188,599															
SYSTEM: Upper Duck Creek					\$69,101,764	\$116,698,799	\$37,894,582	\$291,235	\$3,000,000	\$0	\$1,482,552	\$0	\$0	\$23,467,837	\$1,020,100	\$0	\$8,632,858		
PROJECT: Upper Duck Creek Detention Basin																			
Design/Admin		DCWA 2261	Resolution 07-7		\$3,000,000														
Right-of-way																			
Construction								\$3,000,000											
PROJECT: Blue Diamond Channel 02, I-15 to Decatur																			
Design/Admin		BD02 0125 thru 0312 & 0359		\$2,113,130	\$24,374,364				\$1,482,552			\$1,222,003							
Right-of-way				\$1,690,504															
Construction				\$14,988,879									\$21,669,809						
PROJECT: Blue Diamond Wash Railroad																			
Design/Admin		BDW5 0026		\$462,014	\$291,235	\$291,235													
Right-of-way				\$369,611															
Construction				\$3,303,403															
PROJECT: Duck Creek Wash Tributary 4 - Jones to Decatur																			
Design/Admin		DCW4 0216 thru 0224		\$1,109,429	\$1,020,100								\$1,020,100						
Right-of-way				\$887,542															
Construction				\$7,932,412															
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones																			
Design/Admin		DCW4 0298		\$664,055	\$9,208,883							\$576,025				\$457,370			
Right-of-way				\$531,244															
Construction				\$4,747,994													\$8,175,488		
SYSTEM: Lower Duck Creek					\$147,986,581	\$39,415,933	\$13,157,283	\$131,749	\$11,125,000	\$0	\$1,900,534	\$0	\$0	\$0	\$0	\$0	\$0		
PROJECT: Duck Creek, Mt. Vista to Green Valley Pkwy.																			
Design/Admin		DCWA 0521 & 0580	Design Started 04/05	\$452,441	\$11,125,000		\$905,000												
Right-of-way			CLA14R04	\$361,953															
Construction			Eng. Est.	\$3,234,953			\$10,220,000												
PROJECT: Duck Creek at Sunset																			
Design/Admin		DCWA 0648		\$88,338	\$833,942	\$54,063			\$41,318										
Right-of-way				\$70,670															
Construction				\$631,617						\$738,561									
PROJECT: Duck Creek, Spencer to I-215																			
Design/Admin		DCWA 0967		\$126,938	\$1,198,341	\$77,686			\$59,372										
Right-of-way				\$101,551															
Construction				\$907,608						\$1,061,282									

EXHIBIT C

CLARK COUNTY 10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009

Adopted June 11, 2009					FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019								
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19				
TOTAL PLAN					Annual Resources	\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101		
Unencumbered from previous year					Cumulative Available Resources	\$884,237,475	\$23,870,076	\$29,169,460	\$19,406,690	\$22,762,491	\$19,253,309	\$29,614,407	\$71,230,987	\$80,290,850	\$62,880,486	(\$12,010,585)		
ENTITY RESOURCES					Annual Resources	\$252,596,878	\$34,656,621	\$51,826,238	\$5,798,390	\$6,287,555	\$6,870,703	\$7,388,564	\$64,780,851	\$64,622,179	\$6,214,828	\$4,150,949		
Unencumbered from previous year					Cumulative Available Resources	\$252,596,878	\$4,626,491	\$4,019,135	\$670,830	\$42,218	\$1,090,382	\$3,966,519	\$8,220,394	\$11,427,634	\$4,281,943	(\$199,966)		
ENTITY TOTAL						\$1,211,868,732	\$741,492,385	\$252,796,844	\$30,030,130	\$52,433,594	\$9,146,695	\$6,916,167	\$5,822,538	\$4,512,427	\$60,526,976	\$61,414,939	\$13,360,519	\$8,632,858
HYDROGRAPHIC BASIN: Outlying Areas		\$59,012,759	\$186,530,364	\$39,993,213	\$1,839,733	\$12,080,464	\$0	\$2,396,380	\$893,543	\$4,512,427	\$17,970,229	\$300,437	\$0	\$0				
SYSTEM: Goodsprings		\$152,707	\$3,471,538	\$507,630	\$507,630	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
	PROJECT: Goodsprings - Phase I																	
	Design/Admin	GSEA 0000	\$62,275	\$507,630	\$25,408													
	Right-of-way	GSPA 0027 & 0029	\$27,500		\$28,050													
	Construction	GSRV 0019	\$445,266		\$454,171													
SYSTEM: Muddy River & Tributaries		No Data	\$94,750,413	\$29,058,437	\$115,626	\$12,080,464	\$0	\$0	\$893,543	\$4,512,427	\$11,456,376	\$0	\$0	\$0				
	PROJECT: Fairgrounds - Whipple Detention Basin																	
	Design/Admin		\$173,010	\$1,358,495	\$115,626	\$79,397												
	Right-of-way	FGWS 0164 thru 0166	\$0															
	Construction		\$1,086,574			\$1,163,472												
	PROJECT: Lewis to Cooper																	
	Design/Admin		MOA01B89	\$1,445,160	\$10,837,595		\$663,202											
	Right-of-way	MRLV 0184 thru 0357	\$5,557,700															
	Construction		\$9,501,927			\$10,174,393												
	PROJECT: Cooper to Yamashita																	
	Design/Admin		\$1,079,880	\$16,862,347				\$893,543			\$681,952							
	Right-of-way	MRLV 0377 thru 0508	\$3,000,900				\$4,512,427											
	Construction		\$7,312,211				\$10,774,424											
SYSTEM: Laughlin		\$42,945,107	\$76,323,693	\$3,968,207	\$1,079,129	\$0	\$0	\$175,445	\$0	\$0	\$2,413,197	\$300,437	\$0	\$0				
	PROJECT: Hiko Detention Basin Expansion																	
	Design/Admin		\$250,067	\$2,588,641				\$175,445			\$144,611							
	Right-of-way	LUHS 0244	\$0															
	Construction		\$1,569,167					\$2,268,585										
	PROJECT: Bridge Canyon Outfall																	
	Design/Admin		\$326,746	\$300,437								\$300,437						
	Right-of-way	LUHS 0315 thru 0317	\$0															
	Construction		\$2,436,238															
	PROJECT: SR 163 at Casino Drive																	
	Design/Admin		Design Started 08/09	\$126,883	\$1,079,129	\$51,768												
	Right-of-way	LAU04A08	\$31,728															
	Construction		\$1,007,216	\$1,027,360														
SYSTEM: Searchlight		\$1,811,885	\$4,171,842	\$2,118,663	\$137,349	\$0	\$0	\$1,981,315	\$0	\$0	\$0	\$0	\$0	\$0				
	PROJECT: Searchlight - South, Encinitas St. Stormdrain																	
	Design/Admin		\$224,426	\$2,118,663	\$137,349			\$104,970										
	Right-of-way	SRSO 0000 thru 0030	\$0															
	Construction		\$1,604,649			\$1,876,345												
SYSTEM: Bunkerville		\$10,620,218	\$3,498,325	\$4,340,276	\$0	\$0	\$0	\$239,621	\$0	\$0	\$4,100,656	\$0	\$0	\$0				
	PROJECT: Windmill Wash Detention Basin Expansion																	
	Design/Admin		\$316,240	\$4,340,276				\$239,621			\$193,851							
	Right-of-way	WIWA 0039	\$0															
	Construction		\$2,549,352					\$3,906,804										

EXHIBIT C

CITY OF BOULDER CITY
10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009

Adopted June 11, 2009					FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019						
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19		
TOTAL PLAN				Annual Resources	\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101	
Unencumbered from previous year		(\$70,946,974)	Cumulative Available Resources	\$884,237,475	\$23,870,076	\$29,169,460	\$19,406,690	\$22,762,491	\$19,253,309	\$29,614,407	\$71,230,987	\$80,290,850	\$62,880,486	(\$12,010,585)		
ENTITY RESOURCES				Annual Resources	\$28,851,348	\$9,382,060	\$3,993,908	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,742,273	\$4,733,107	\$1,000,000	\$1,000,000	
Unencumbered from previous year		\$5,486,163	Cumulative Available Resources		\$7,890,208	\$5,333,415	\$6,333,415	\$7,333,415	\$8,333,415	\$9,333,415	\$14,075,688	\$18,808,795	\$19,808,795	\$20,808,795		
ENTITY TOTAL		\$44,864,000	\$30,659,000	\$8,042,553	\$1,491,852	\$6,550,701	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
HYDROGRAPHIC BASIN: Boulder City		\$44,864,000	\$30,659,000	\$8,042,553	\$1,491,852	\$6,550,701	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
SYSTEM: Georgia/Buchanan		\$12,724,000	\$2,695,000	\$2,387,557	\$190,332	\$2,197,225	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: East Airport Facilities															
	Design/Admin	GBAP 0001		\$107,000	\$773,378	\$65,484	\$44,966									
	Right-of-way			\$0												
	Construction			\$631,000			\$662,929									
	PROJECT: Buchanan, El Camino & Gingerwood Crossings															
	Design/Admin	GBGR 0001; & GBBC 0110, 0149 & 0153		\$204,000	\$1,614,179	\$124,848	\$85,729									
	Right-of-way			\$0												
	Construction			\$1,336,000			\$1,403,602									
	SYSTEM: Hemenway		\$16,609,000	\$1,364,000	\$1,427,612	\$110,160	\$1,317,452	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		PROJECT: Lake Mead View Estates														
Design/Admin		HMLV 0006 & 0019		\$86,000	\$683,412	\$52,632	\$36,141									
Right-of-way				\$0												
Construction				\$566,000			\$594,640									
PROJECT: Trailhead Facilities																
Design/Admin		HMTN 0034		\$12,000	\$85,929	\$7,344	\$5,043									
Right-of-way				\$0												
Construction				\$70,000			\$73,542									
PROJECT: Hemenway Channel Facilities																
Design/Admin		HMWA 0005, 0105, 0158, 0173, 0175, & 0182		\$81,000	\$637,278	\$49,572	\$34,039									
Right-of-way				\$0												
Construction				\$527,000			\$553,666									
PROJECT: Lake Mountain Drive Debris Basin Expansion																
Design/Admin		HMLM 0066 & 0085		\$1,000	\$20,994	\$612	\$420									
Right-of-way			\$0													
Construction			\$19,000			\$19,961										
SYSTEM: North Railroad		\$6,184,000	\$5,119,000	\$4,227,384	\$1,191,360	\$3,036,024	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: Bootleg Canyon Detention Basin & Collection															
	Design/Admin	NRBL 0094, 0095, & 0100	Design Started 04/05	\$18,000	\$184,824	\$7,344										
	Right-of-way			\$0												
	Construction			\$174,000		\$177,480										
	PROJECT: Veterans Center Levee															
	Design/Admin	NRIN 0031		\$21,000	\$155,103	\$12,852	\$8,825									
	Right-of-way			\$0												
	Construction			\$127,000			\$133,426									
	PROJECT: Railroad Facilities															
	Design/Admin	NRRR 0000 thru 0106		\$396,000	\$3,136,125	\$242,352	\$166,415									
	Right-of-way			\$0												
	Construction			\$2,596,000			\$2,727,358									
	PROJECT: Yucca Debris Basin, Collection, & Outfall															
	Design/Admin	NRIN 0040, 0066, 0067, & 0088	Design Started 04/05	\$49,000	\$751,332	\$19,992										
	Right-of-way			\$0												
	Construction			\$717,000		\$731,340										

EXHIBIT C

CITY OF MESQUITE
10-YEAR CONSTRUCTION PROGRAM

Adopted June 11, 2009					FIRST FIVE YEARS 7/2009 THRU 6/2014					SECOND FIVE YEARS 7/2014 THRU 6/2019				
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12	(Year 4) FY 12/13	(Year 5) FY 13/14	(Year 6) FY 14/15	(Year 7) FY 15/16	(Year 8) FY 16/17	(Year 9) FY 17/18	(Year 10) FY 18/19
TOTAL PLAN														
	Annual Resources			\$872,226,890	\$175,457,174	\$181,327,829	\$21,369,322	\$23,003,359	\$24,951,345	\$26,681,243	\$226,153,053	\$225,604,018	\$22,760,420	\$15,866,101
	Unencumbered from previous year	(\$70,946,974)	Cumulative Available Resources	\$884,237,475	\$23,870,076	\$29,169,460	\$19,406,690	\$22,762,491	\$19,253,309	\$29,614,407	\$71,230,987	\$80,290,850	\$62,880,486	(\$12,010,585)
ENTITY RESOURCES														
	Annual Resources			\$21,163,641	\$938,145	\$4,210,162	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,012,581	\$5,002,753	\$1,000,000	\$1,000,000
	Unencumbered from previous year	(\$3,166,926)	Cumulative Available Resources		\$938,145	\$5,148,306	\$6,148,306	\$7,148,306	\$8,148,306	\$9,148,306	\$14,160,888	\$2,285,316	\$3,285,316	\$4,285,316
ENTITY TOTAL					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,878,325	\$0	\$0
	HYDROGRAPHIC BASIN: Mesquite													
			\$60,450,405	\$54,837,463	\$16,878,325	\$0	\$0	\$0	\$0	\$0	\$0	\$16,878,325	\$0	\$0
	SYSTEM: Town Wash		\$23,669,848	\$12,420,717	\$16,878,325	\$0	\$0	\$0	\$0	\$0	\$0	\$16,878,325	\$0	\$0
	PROJECT: Phase II Bank Protection, I-15 to Virgin River													
	Design/Admin	TOWA 0000 thru 0100	MES01C02	\$1,180,540	\$16,878,325							\$767,076		
	Right-of-way			\$0										
	Construction			\$9,918,170								\$16,111,249		

EXHIBIT D

EXHIBIT D

FISCAL YEAR 2009 - 2010

PROJECT LIST

Facility ID Mile Range		(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12
CITY OF HENDERSON		TOTAL ELIGIBLE YEAR 1		
		\$26,645,656		
ENTITY TOTAL		\$2,520,811	\$24,124,845	\$0
HYDROGRAPHIC BASIN: PITTMAN		\$1,793,345	\$14,796,402	\$0
SYSTEM: Pittman Burns		\$1,270,774	\$8,175,674	\$0
PROJECT: Pittman West Horizon - Palm Hills				
Design/Admin	PTWH 0032	\$70,561	\$48,452	
Construction			\$962,985	
PROJECT: Wiesner Channel to Sunset				
Design/Admin		\$382,006	\$262,310	
Right-of-way	PTSU 0000 thru 0034	\$509,340		
Construction			\$4,688,798	
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road				
Design/Admin		\$102,621	\$70,466	
Right-of-way	PTHR 0104 & 0203 thru 0205	\$136,827		
Construction			\$1,239,850	
PROJECT: Pioneer Detention Basin Expansion				
Design/Admin	PTVW 0186	\$32,089	\$22,034	
Construction			\$345,667	
PROJECT: Interstate - Lake Mead to Pioneer Detention Basin				
Design/Admin	PTIS 0000	\$37,331	\$25,634	
Construction			\$509,476	
SYSTEM: Pittman Beltway		\$80,737	\$1,046,422	\$0
PROJECT: Anthem Parkway Channel - Horizon Ridge St. Rose Pkwy.				
Design/Admin	PTAP 0018	\$73,474	\$50,452	
Construction			\$901,832	
PROJECT: Pittman Seven Hills Park Channel				
Design/Admin	PTSH 0059	\$7,263	\$4,987	
Construction			\$89,151	
SYSTEM: Lower Pittman		\$441,833	\$5,574,306	\$0
PROJECT: Pittman MacDonald Ranch Debris Basin				
Design/Admin	PTMR 0478 thru 0480	\$66,406	\$45,599	
Construction			\$763,882	
PROJECT: Whitney Wash Outfall				
Design/Admin	WWDC 0069	\$35,252	\$24,206	
Construction			\$432,683	
PROJECT: Pittman Wash Duck Creek at I-515				
Design/Admin	PTDC 0074	\$35,705	\$24,518	
Construction			\$438,253	
PROJECT: UPRR to Arroyo Grande & Pittman Park Spillway				
Design/Admin	PTWA 0056 & 0092	\$304,470	\$209,069	
Construction			\$3,636,096	
HYDROGRAPHIC BASIN: C-1		\$727,465	\$9,328,443	\$0
SYSTEM: C-1		\$727,465	\$9,328,443	\$0
PROJECT: Center Street Stormdrain - Fir Street to Lake Mead Pkwy.				
Design/Admin	C1CT 0000 thru 0048	\$356,740	\$244,961	
Construction			\$4,378,679	
PROJECT: Equestrian Detention Basin Expansion				
Design/Admin	C1EQ 0160	\$66,647	\$45,764	
Construction			\$717,925	
PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road				
Design/Admin	C1FK 0040	\$56,980	\$39,126	
Construction			\$699,375	
PROJECT: Race Track Channel - Drake to Burkholder				
Design/Admin	C1RT 0001 thru 0041	\$247,099	\$169,675	
Construction			\$3,032,937	

EXHIBIT D

FISCAL YEAR 2009 - 2010

PROJECT LIST

	Facility ID Mile Range	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12
CITY OF LAS VEGAS	TOTAL ELIGIBLE YEAR 1	\$109,860,902		
	ENTITY TOTAL	\$35,195,361	\$58,014,202	\$16,651,339
HYDROGRAPHIC BASIN: CENTRAL		\$4,645,361	\$52,493,439	\$5,628,282
SYSTEM: LV Wash I-15 Tributary		\$4,645,361	\$18,615,294	\$0
PROJECT: Freeway Channel - Owens to Miller Avenue, Phase I				
Construction	LV15 0193 thru 0230	\$4,645,361	EFS	
PROJECT: Freeway Channel - Owens to Miller Avenue, Phase II				
Design/Admin	LVCS 0000 thru 0015		\$491,655	
Construction			\$7,023,639	
PROJECT: Owens Avenue System - Rancho to Shadow Mountain				
Design/Admin	LVOW 0241 & 0351		\$1,100,000	
Construction			\$10,000,000	
SYSTEM: LV Wash Central		\$0	\$21,432,100	\$5,628,282
PROJECT: Oakey - Meadows Storm Drain				
Design/Admin	MEOK 0070 thru 0166		\$701,050	
Construction			\$10,015,000	
Design/Admin	MEOK 0191 thru 0217		\$701,050	
Construction			\$10,015,000	
PROJECT: Las Vegas Creek Channel Parallel System				
Construction	LCCH 0051 thru 0512 & 0518 thru 0543		Resolution	\$5,628,282
SYSTEM: Sahara Boulder Highway		\$0	\$12,446,045	\$0
PROJECT: Flamingo - Boulder Hwy. North, Sahara to Flamingo Wash				
Design/Admin	FLBN 0001 thru 0033		\$659,393	
Construction			\$11,786,652	
HYDROGRAPHIC BASIN: GOWAN		\$0	\$5,520,763	\$3,775,000
SYSTEM: Gowan North		\$0	\$5,520,763	\$3,775,000
PROJECT: Angel Park North - Detention Basin				
Design/Admin	APNO 0001			\$275,000
Construction				\$3,500,000
PROJECT: Simmons - Confluence				
Design/Admin	GOOF 0196		\$271,848	
Construction			\$5,248,915	
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH		\$30,550,000	\$0	\$7,248,057
SYSTEM: Ann Road		\$0	\$0	\$7,248,057
PROJECT: Rancho Road System - Beltway to Echelon Point				
Design/Admin	RCHB 0227			\$237,059
Construction				\$4,237,421
PROJECT: Ann Road Channel West - Rainbow				
Design/Admin	ANRB 0000			\$146,944
Construction				\$2,626,633
SYSTEM: Upper Western Tributary		\$30,550,000	\$0	\$0
PROJECT: Floyd Lamb Park N & S. Env. Enhancement Area and Racel Street Collector				
Design/Admin	BRDB 0000 thru 0033; RACO 0000 & 0064; & TSDB 0002 thru 0012	\$3,150,000	EFS	
Construction		\$27,400,000	EFS	

EXHIBIT D

FISCAL YEAR 2009 - 2010

PROJECT LIST

	Facility ID Mile Range	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12
CITY OF NORTH LAS VEGAS	TOTAL ELIGIBLE YEAR 1	\$49,480,469		
	ENTITY TOTAL	\$11,401,970	\$33,000,000	\$5,078,499
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH		\$0	\$33,000,000	\$5,078,499
SYSTEM: Lower Western Tributary		\$0	\$33,000,000	\$5,078,499
PROJECT: Las Vegas Wash - Lake Mead Blvd. to Las Vegas Blvd.				
	Design/Admin	LVMD 1421, 1424, 1444, 1484 & 1522	\$3,000,000	
	Construction		\$30,000,000	
PROJECT: Colton Channel I-15 to Fifth Street				
	Design/Admin	LVCL 0000		\$269,060
	Construction			\$4,809,439
HYDROGRAPHIC BASIN: RANGE		\$11,401,970	\$0	\$0
SYSTEM: Lower Range		\$11,401,970	\$0	\$0
PROJECT: Orchard Detention Basin				
	Design/Admin	SLOR 0104 thru 0148	\$1,036,543	
	Construction		\$10,365,427	

EXHIBIT D

FISCAL YEAR 2009 - 2010

PROJECT LIST

	Facility ID Mile Range	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12
CLARK COUNTY	TOTAL ELIGIBLE YEAR 1	\$91,610,419		
	ENTITY TOTAL	\$30,030,130	\$52,433,594	\$9,146,695
HYDROGRAPHIC BASIN: Tropicana/ Flamingo		\$22,717,413	\$26,228,130	\$0
SYSTEM: Tropicana Flamingo Project		\$3,600,000	\$17,794,930	\$0
PROJECT: Flamingo Diversion - South Buffalo Branch, Flamingo Wash to Patrick				
Design/Admin	FLSB 0010 & 0053		\$457,559	
Construction			\$8,178,874	
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral				
Design/Admin	FLOQ 0000	\$300,000		
Construction		\$3,300,000		
PROJECT: Flamingo Diversion - Rainbow Branch - Russell to Sunset				
Design/Admin	FLRB 0050 thru 0062		\$485,218	
Construction			\$8,673,279	
SYSTEM: Flamingo Decatur		\$7,454,000	\$0	\$0
PROJECT: Lower Flamingo Detention Basin				
Design/Admin	FLWA 1048 thru 1050	\$324,000	EFS	
Right-of-way		\$130,000	EFS	
Construction		\$7,000,000	EFS	
SYSTEM: Lower Flamingo		\$11,663,413	\$8,433,200	\$0
PROJECT: Flamingo Wash, Nellis to I-515				
Design/Admin	FLWA 0080 & 0176		\$446,792	
Construction			\$7,986,408	
PROJECT: Tropicana North Branch Detention Basin				
Design/Admin	TRNB 0089 thru 0113	\$494,000	EFS	
Construction		\$2,000,000	EFS	
PROJECT: Tropicana Wash at Swenson				
Design/Admin	TRWA 0019, 0034 & 0041	\$794,000		
Construction		\$8,350,000		
PROJECT: Flamingo Wash - Industrial to Hotel Rio Dr.				
Design/Admin	FLWA 0893 & 0896	\$25,413		
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond		\$5,472,984	\$14,125,000	\$9,146,695
SYSTEM: Blue Diamond Tributaries		\$5,050,000	\$0	\$9,146,695
PROJECT: Lower Blue Diamond DB Collector Channel				
Construction	BDWA 0477 thru 0613		Resolution	\$9,146,695
PROJECT: Blue Diamond Wash Wigwam, UPRR to Jones				
Design/Admin	BDW1 0000	\$410,000		
Construction		\$4,640,000		
SYSTEM: Upper Duck Creek		\$291,235	\$3,000,000	\$0
PROJECT: Upper Duck Creek Detention Basin				
Construction	DCWA 2261	Resolution	\$3,000,000	
PROJECT: Blue Diamond Wash Railroad				
Right-of-way	BDW5 0026	\$291,235		
SYSTEM: Lower Duck Creek		\$131,749	\$11,125,000	\$0
PROJECT: Duck Creek, Mt. Vista to Green Valley Pkwy.				
Design/Admin	DCWA 0521 & 0580		\$905,000	
Construction			\$10,220,000	
PROJECT: Duck Creek at Sunset				
Design/Admin	DCWA 0648	\$54,063		
PROJECT: Duck Creek, Spencer to I-215				
Design/Admin	DCWA 0967	\$77,686		

EXHIBIT D

FISCAL YEAR 2009 - 2010

PROJECT LIST

		Facility ID Mile Range	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12
CLARK COUNTY Cont'd					
HYDROGRAPHIC BASIN: Outlying Areas			\$1,839,733	\$12,080,464	\$0
SYSTEM: Goodsprings			\$507,630	\$0	\$0
PROJECT: Goodsprings - Phase I					
Design/Admin	GSEA 0000, GSPA 0027 & 0029, & GSRV 0019	\$25,408			
Right-of-way		\$28,050			
Construction		\$454,171			
SYSTEM: Muddy River & Tributaries			\$115,626	\$12,080,464	\$0
PROJECT: Fairgrounds - Whipple Detention Basin					
Design/Admin	FGWS 0164 thru 0166	\$115,626	\$79,397		
Construction			\$1,163,472		
PROJECT: Lewis to Cooper					
Design/Admin	MRLV 0184 thru 0357		\$663,202		
Construction			\$10,174,393		
SYSTEM: Laughlin			\$1,079,129	\$0	\$0
PROJECT: SR 163 at Casino Drive					
Design/Admin	LUBC 0000 thru 0031	\$51,768			
Construction		\$1,027,360			
SYSTEM: Searchlight			\$137,349	\$0	\$0
PROJECT: Searchlight - South, Encinitas St. Stormdrain					
Design/Admin	SRSO 0000 thru 0030	\$137,349			

EXHIBIT D

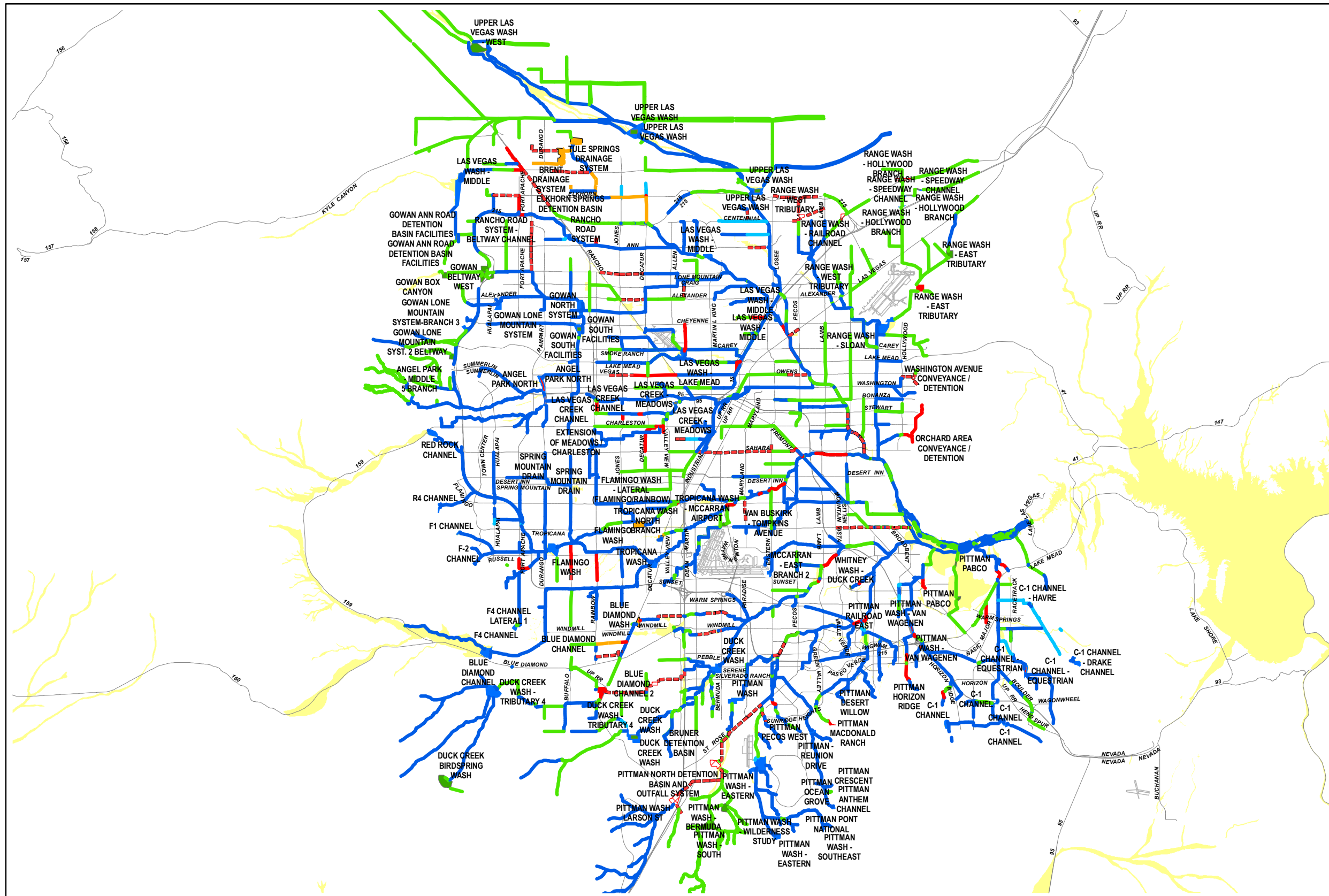
FISCAL YEAR 2009 - 2010

PROJECT LIST

	Facility ID Mile Range	(Year 1) FY09/10	(Year 2) FY10/11	(Year 3) FY 11/12
CITY OF BOULDER CITY	TOTAL ELIGIBLE YEAR 1	\$8,042,553		
	ENTITY TOTAL	\$1,491,852	\$6,550,701	\$0
HYDROGRAPHIC BASIN: Boulder City		\$1,491,852	\$6,550,701	\$0
SYSTEM: Georgia/Buchanan		\$190,332	\$2,197,225	\$0
PROJECT: East Airport Facilities				
Design/Admin	GBAP 0001	\$65,484	\$44,966	
Construction			\$662,929	
PROJECT: Buchanan, El Camino & Gingerwood Crossings				
Design/Admin	GBGR 0001; & GBBC 0110, 0149 & 0153	\$124,848	\$85,729	
Construction			\$1,403,602	
SYSTEM: Hemenway		\$110,160	\$1,317,452	\$0
PROJECT: Lake Mead View Estates				
Design/Admin	HMLV 0006 & 0019	\$52,632	\$36,141	
Construction			\$594,640	
PROJECT: Trailhead Facilities				
Design/Admin	HMTN 0034	\$7,344	\$5,043	
Construction			\$73,542	
PROJECT: Hemenway Channel Facilities				
Design/Admin	HMTN 0005, 0105, 0158, 0173, 0175, & 0182	\$49,572	\$34,039	
Construction			\$553,666	
PROJECT: Lake Mountain Drive Debris Basin Expansion				
Design/Admin	HMLM 0066 & 0085	\$612	\$420	
Construction			\$19,961	
SYSTEM: North Railroad		\$1,191,360	\$3,036,024	\$0
PROJECT: Bootleg Canyon Detention Basin & Collection				
Design/Admin	NRBL 00000, 0093, 0094, 0095, & 0100	\$7,344		
Construction		\$177,480		
PROJECT: Veterans Center Levee				
Design/Admin	NRIN 0031	\$12,852	\$8,825	
Construction			\$133,426	
PROJECT: Railroad Facilities				
Design/Admin	NRRR 0000 thru 0106	\$242,352	\$166,415	
Construction			\$2,727,358	
PROJECT: Yucca Debris Basin, Collection, & Outfall				
Design/Admin	NRIN 0040, 0066, 0067, & 0088	\$19,992		
Construction		\$731,340		

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 = 4.1 miles

THIS MAP IS FOR GRAPHIC USE ONLY
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HEREON.

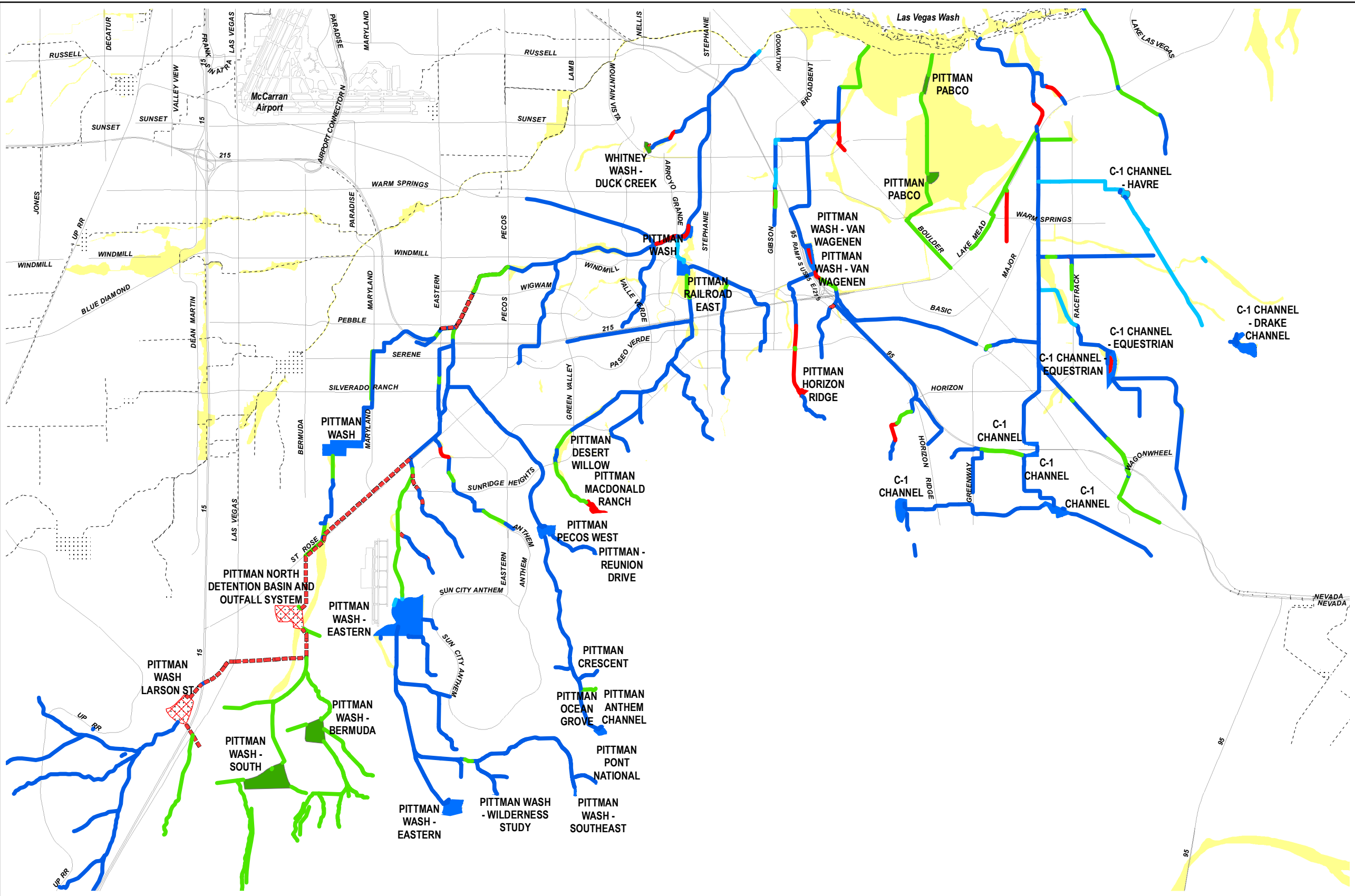
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
FEMA 2002 DIGITAL FIRM. NOT THE
EFFECTIVE FIRM. ALL INFORMATION
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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.

June 2008



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 = 1.5 miles

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

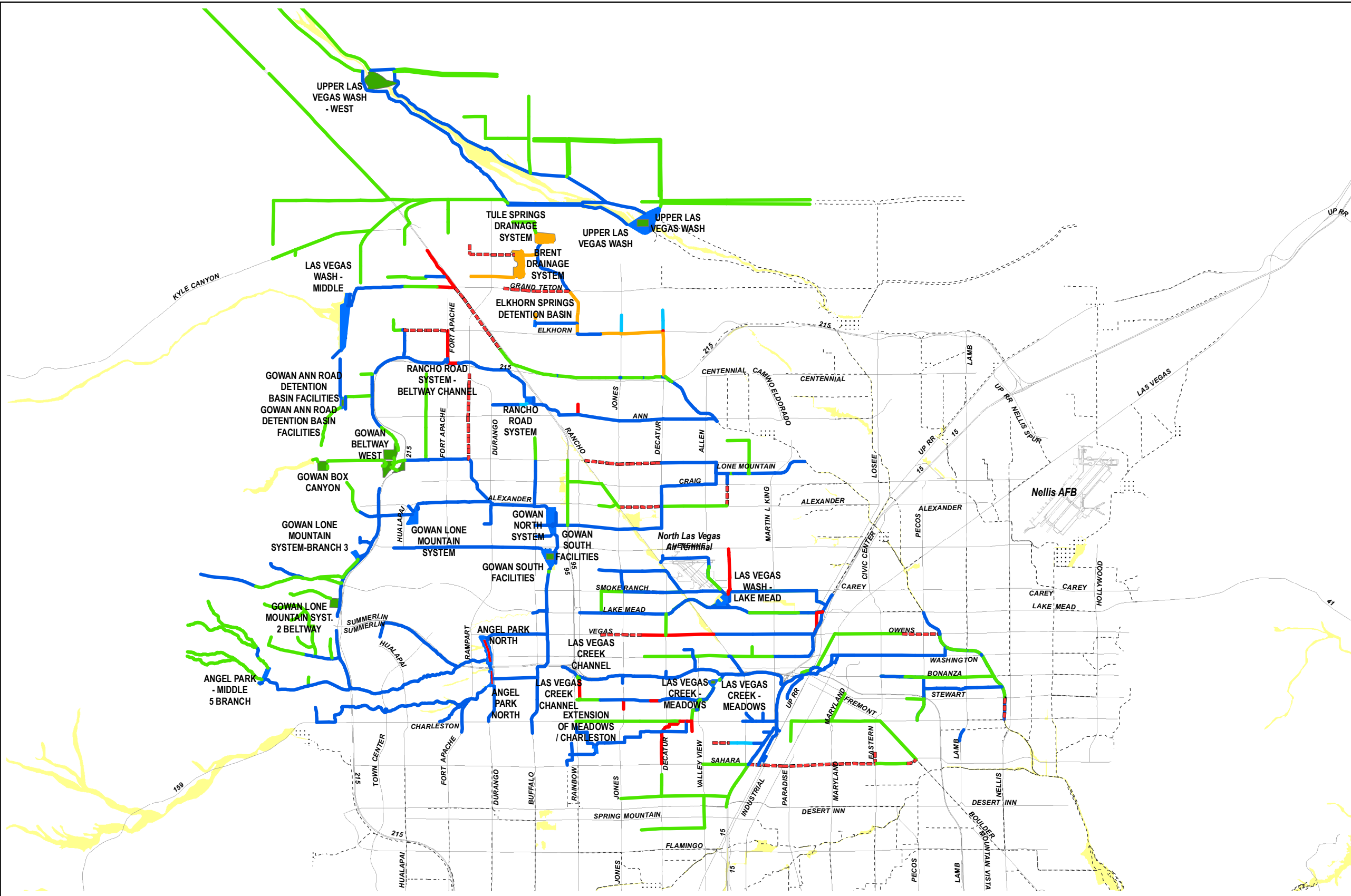
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FLOOD CONTROL DISTRICT FACILITIES
SHOULD BE MADE TO THE DISTRICT
OFFICE AT 600 S. GRAND CENTRAL PKWY,
SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May 2009



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 = 2.37 miles

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

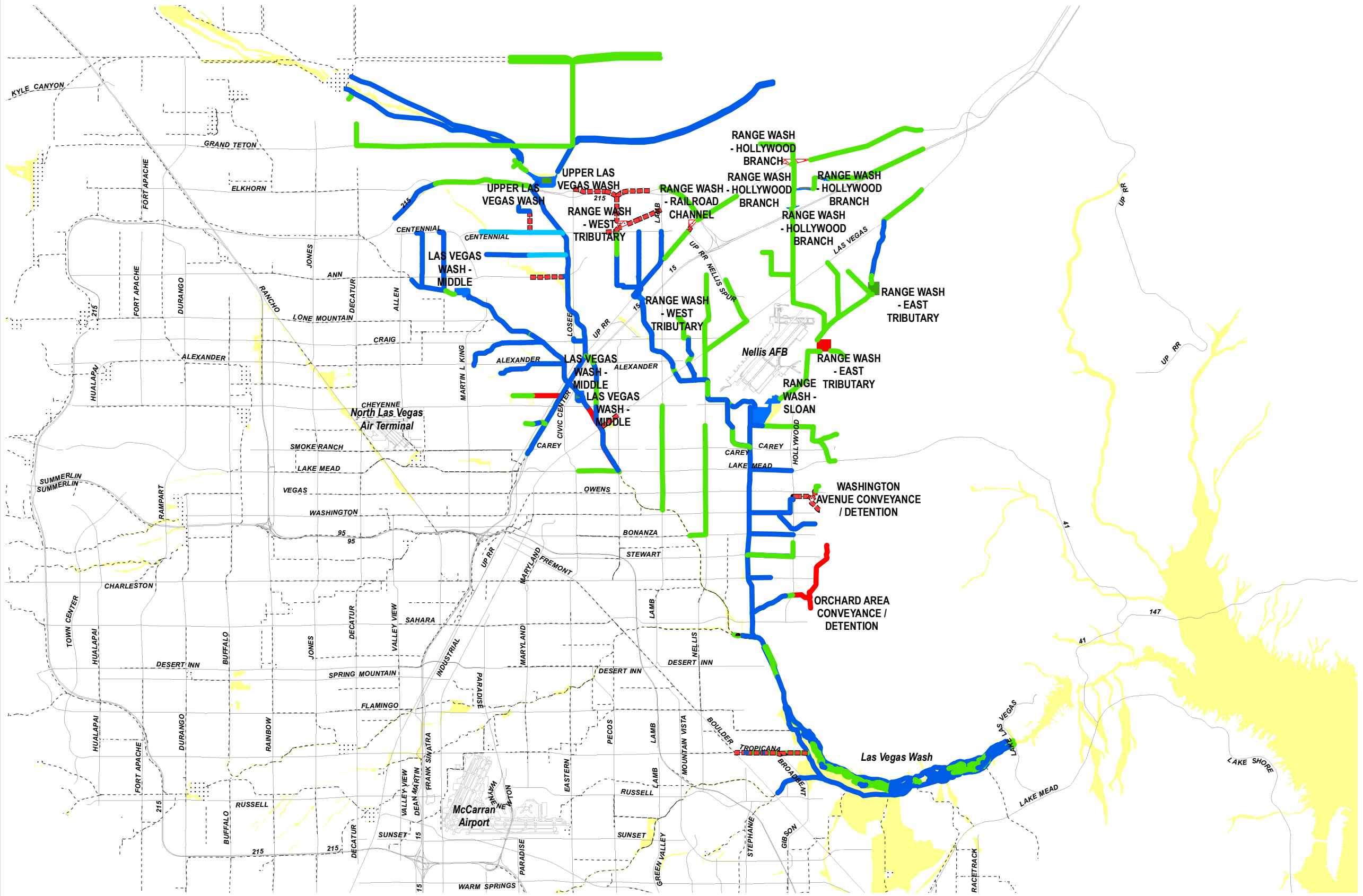
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May 2009

REGIONAL FLOOD CONTROL DISTRICT

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

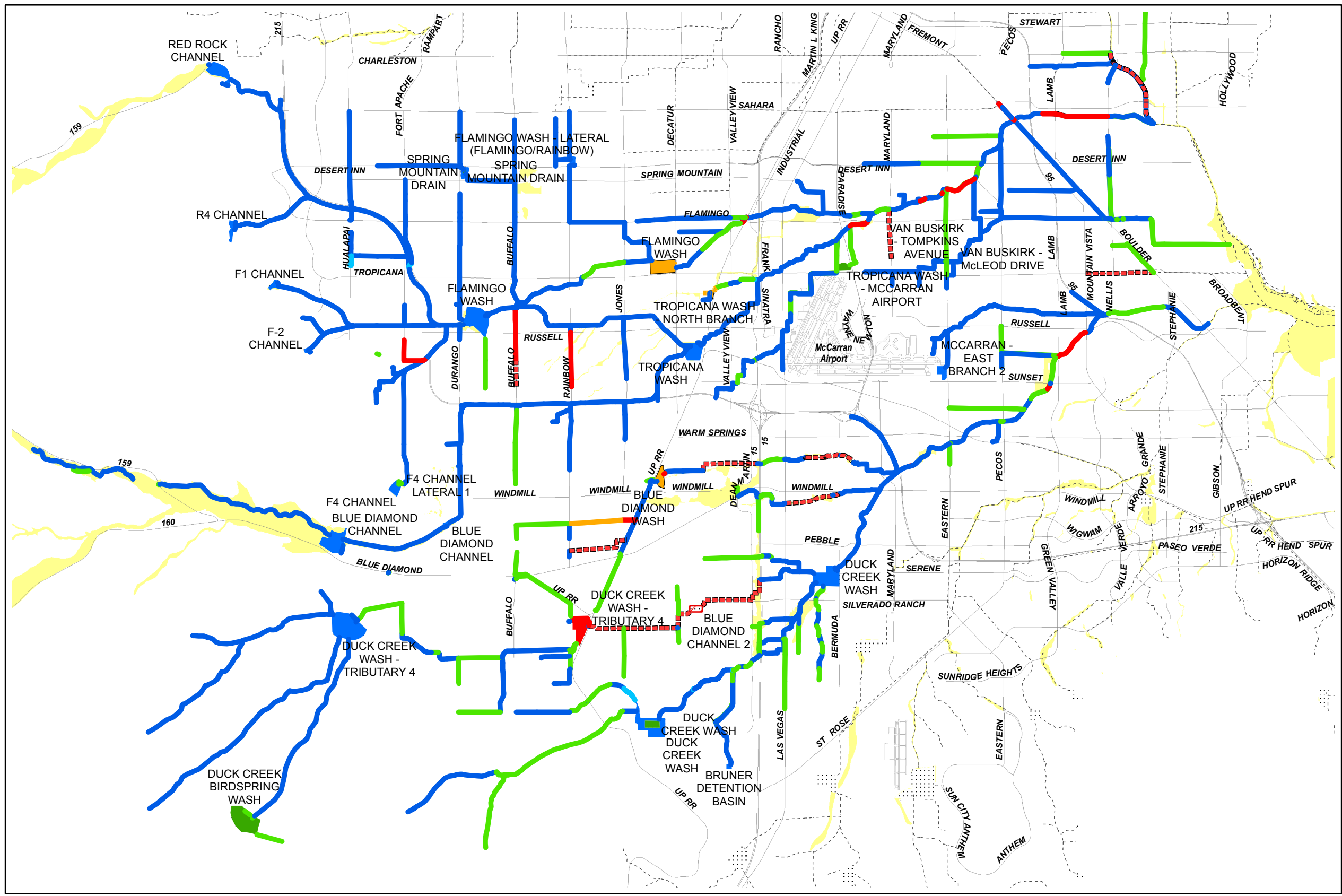
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DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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.

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

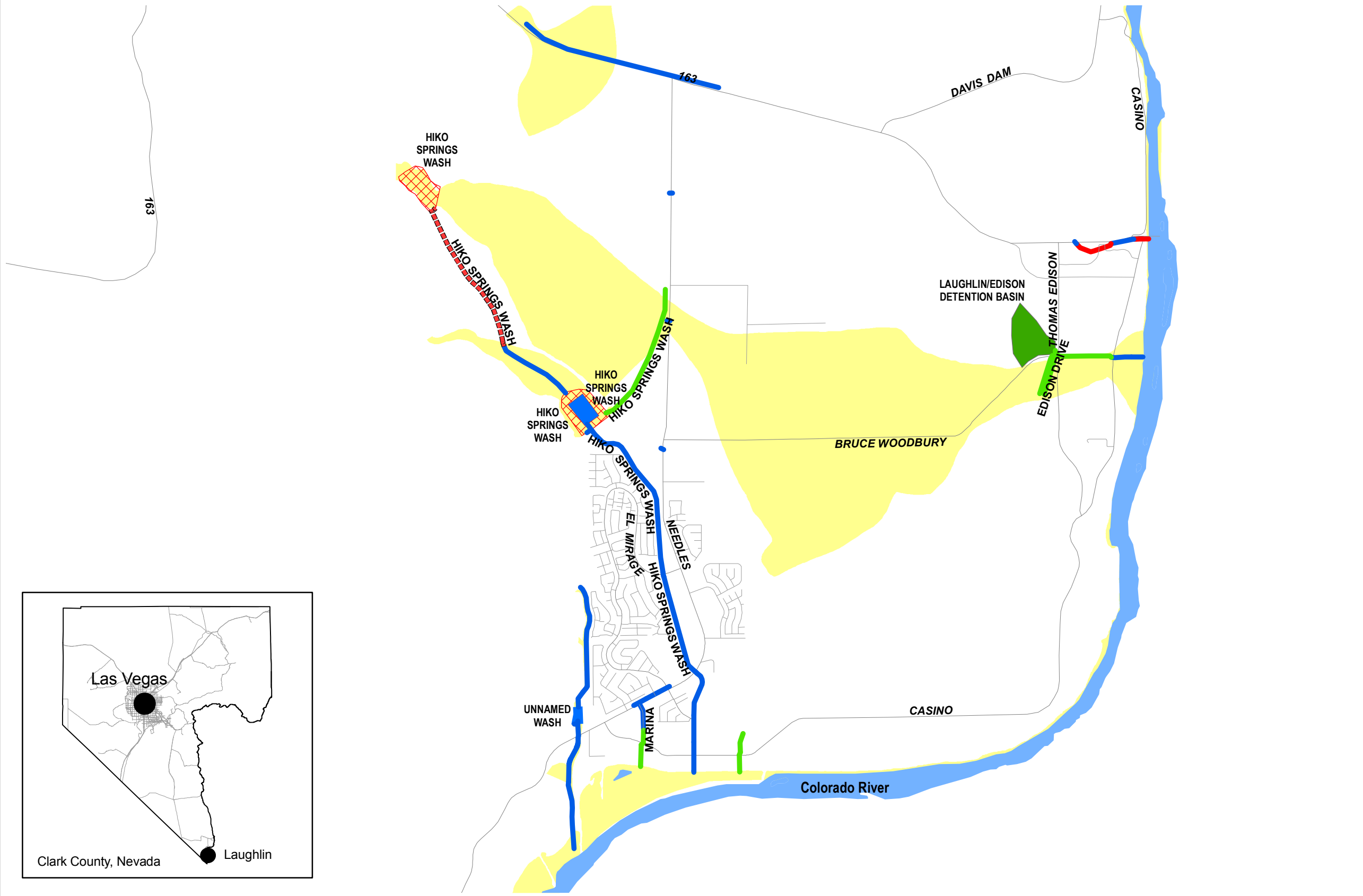
1 inch = 1.88 miles

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

FLOOD INSURANCE (FIRM) INFORMATION:
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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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HEREON.

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

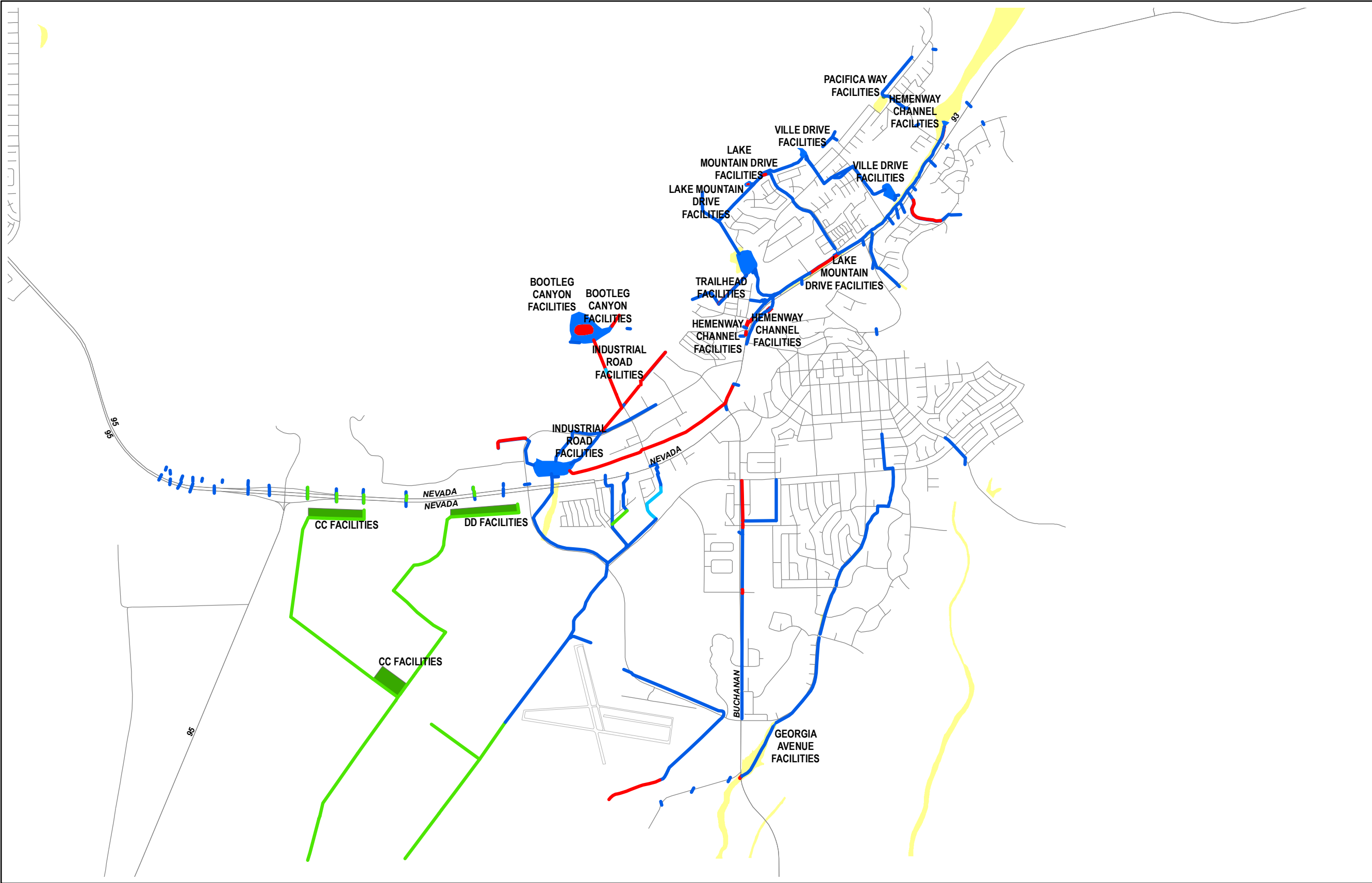
FLOOD INSURANCE (FIRM) INFORMATION:
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FLOOD CONTROL DISTRICT FACILITIES
SHOULD BE MADE TO THE DISTRICT
OFFICE AT 600 S. GRAND CENTRAL PKWY,
SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May 2009



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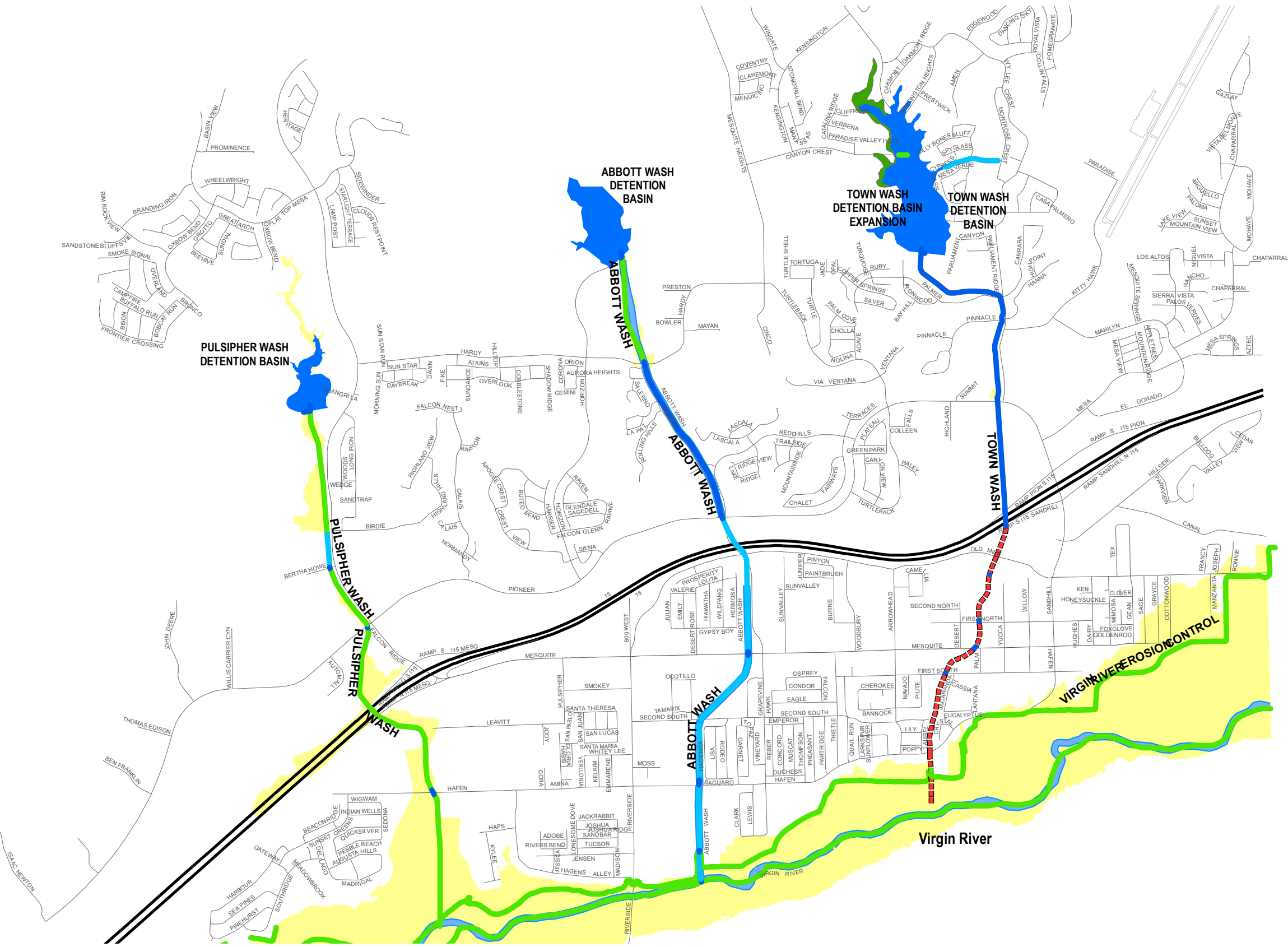
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
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May 2009

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 = 0.4 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 2009

REGIONAL FLOOD CONTROL DISTRICT