

TEN-YEAR CONSTRUCTION PROGRAM

REGIONAL FLOOD CONTROL DISTRICT



**FISCAL YEAR 2011
THROUGH
FISCAL YEAR 2020**

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

**ADOPTED
JUNE 10, 2010**

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

TEN-YEAR CONSTRUCTION PROGRAM

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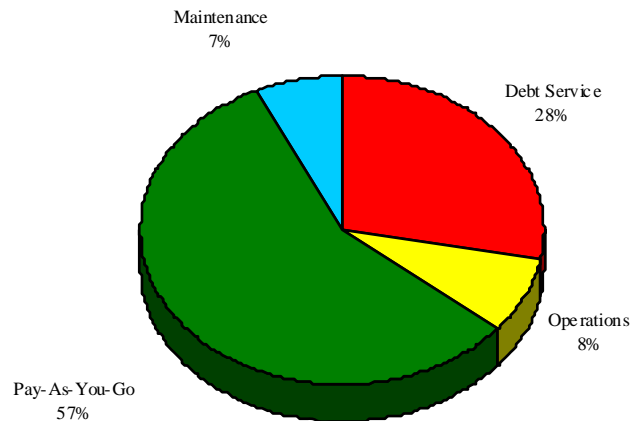
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REGIONAL FLOOD CONTROL DISTRICT

Capital Improvement Program

The District staff maintains a listing of projects proposed for funding in the next ten-year period. The Ten-Year Construction Program (TYCP) is updated annually and is approved by the Board after review by the Technical and Citizens Advisory Committees. In addition to the TYCP, the District's Chief Engineer with assistance, cooperation and approval of the Technical Advisory Committee, prepares a list of projects proposed for funding during the upcoming fiscal year. The fiscal year project list, after approval by the Board, constitutes the Capital Improvement Program for the District in the ensuing fiscal year. The fiscal year project list and the updated TYCP presented in this document were approved on June 10, 2010, for Fiscal Year 2010-11. 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 2010, the District has received over \$1,137,423,908 in Sales Tax Revenues. Additionally, the District has issued \$80,000,000, \$150,000,000, \$200,000,000, and \$150,000,000 in General Obligation Bonds/Notes, secured by Sales Tax Revenue, which were sold in November 1991, September 1998, September 2003, and June 2009 respectively, to expedite projects. The District has funded over \$1,309,223,187 in projects through May 2010.

FISCAL YEAR 2010 THROUGH FISCAL YEAR 2019 TYCP

On June 11, 2009, the Board adopted the TYCP for Fiscal Year 2010 through 2019 and the Fiscal Year 2010 through 2019 Project List. On January 14, 2010, the Board amended the plan in response to changes in economic conditions. The Board adopted the following amendments to the Mid-Year Update:

- Adjusted Sales Tax projections in FY 2009-10 from \$77.5 million to \$68.3 million. In

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FY 2010-11 and FY 2011-12 the growth rate is zero, and growth rates thereafter are 3 percent;

- Eliminated the programming of \$400 million in debt;
- Maintenance Work Program (MWP) funding levels to remain flat at approximately \$10 million annually;
- New Local Drainage projects funding levels at \$500,000 annually beginning in FY 2010-11;
- Overall, decreased spending by approximately 47 percent.

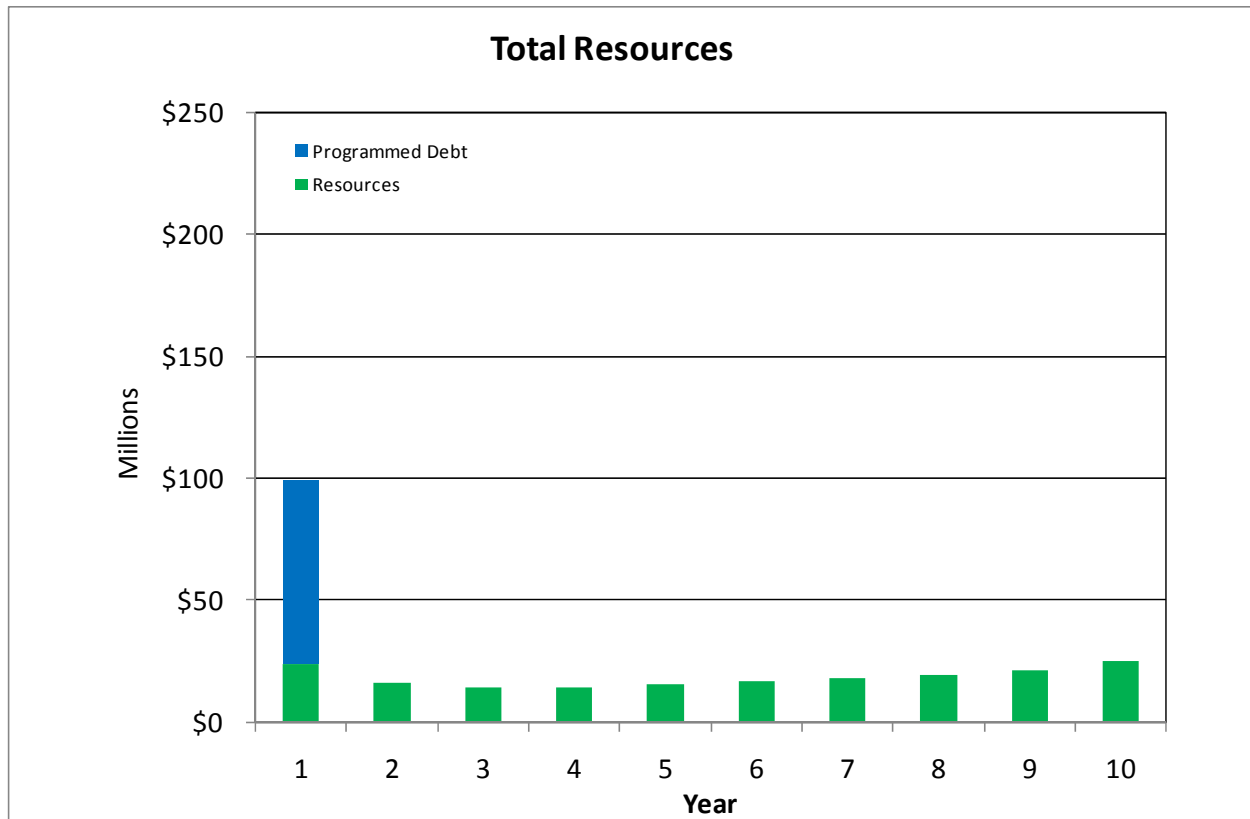
FISCAL YEAR 2011 THROUGH FISCAL YEAR 2020 TYCP

The TYCP is an estimate of when funding will be requested. Available revenues for the TYCP are estimated to be \$316,246,865, which includes a debt issuance of \$75,000,000 programmed in Year 1. Programming of debt is not a guarantee that the debt will be issued. The District will evaluate whether to issue the debt based on economic conditions and progress in project development. Sales Tax growth for Year 1 is based on a zero growth rate from prior years' revised budget (\$65,600,000), a 1% growth rate for year 2, a 2% growth rate for Year 3, a 3% growth rate for Year 4, and a 3.75% 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: -25% for FY 2010-11; 1% for FY 2011-12; 3% for FY 2012-13; 4% for FY 2013-14; 6% per year for FY 2014-15, FY 2015-16, and FY 2016-17; and 6% 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.

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



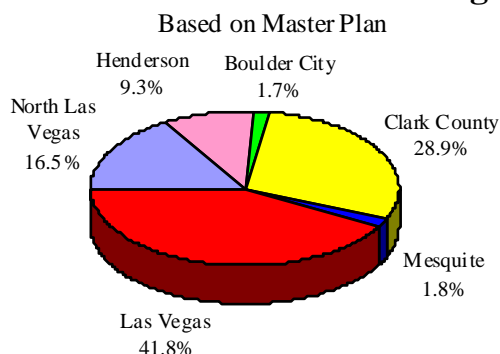
Flood control projects are fairly standard in nature and typically follow a design time of 1-2 years and a construction time of 2-3 years. The minimum level of expenditures for assets to be classified as capital assets for the District is \$5,000.00 and we comply with all adopted GAAP requirements. The design and construction periods for District projects cross multiple fiscal years and unexpended funding is carried forward. The District's budgeted expenditures for the TYCP tie to the capital outlay budget for each fund. The budgeted resources for the District's capital funds during FY 2010-11 are: \$160,767,475 for Fund 4430 and \$229,702,532 for Fund 4440 which includes previously approved and new projects planned for FY 2010-11.

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

13, 2007; the City of Mesquite adopted by the Board on August 9, 2007; the Town of Laughlin adopted by the Board on March 12, 2009; the Muddy River and Tributary Washes adopted by the Board on 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.

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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 550 miles of channel, storm drain and natural washes are inspected and/or maintained throughout Clark County, along with 83 detention basins.

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

Factor	Factor	TYCP MWP Funding Projection
2011	Approved Operating Transfer	\$ 10,000,000
2012	0.0%	\$ 10,000,000
2013	0.0%	\$ 10,000,000
2014	0.0%	\$ 10,000,000
2015	0.0%	\$ 10,000,000
2016	0.0%	\$ 10,000,000
2017	0.0%	\$ 10,000,000
2018	0.0%	\$ 10,000,000
2019	0.0%	\$ 10,000,000
2020	0.0%	\$ 10,000,000
Total estimated maintenance over 10 years		\$ 100,000,000

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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 ninth year of this program, the District has budgeted \$500,000 for Local Drainage projects. Projected Local Drainage Program funding for the TYCP is depicted in the chart on this page. In Fiscal Year 2004, in the City of Las Vegas the District funded Brush Street Storm Drain which is a part of the Alta Parallel System Project (estimated completion date of August 2010). In Fiscal Year 2009, the District funded in Clark County, Carey Avenue Storm Drain (estimated completion date of September 2011) and Twain at Pecos-McLeod Storm Drain (estimated completion date of August 2010), and in the City of Las Vegas, Jones Boulevard – Alta to Borden Storm Drain which is a part of the Alta Parallel System Project (estimated completion date August 2010). In Fiscal Year 2010, three new local drainage projects were funded by the District. In Clark County, Olive Street Storm Drain, US-95 to Palm Street (estimated completion date of September 2011) and Las Vegas Boulevard/Serene Avenue Storm Drain (estimated completion date of September 2010), and in the City of Las Vegas, Gilmore Avenue – Decatur Boulevard to Thom Boulevard Storm Drain (estimated completion date of January 2011).

Fiscal Year	Factor	TYCP Local Drainage Budget Projection
2011	Approved Budget	\$ 500,000
2012	0.0%	\$ 500,000
2013	0.0%	\$ 500,000
2014	0.0%	\$ 500,000
2015	0.0%	\$ 500,000
2016	0.0%	\$ 500,000
2017	0.0%	\$ 500,000
2018	0.0%	\$ 500,000
2019	0.0%	\$ 500,000
2020	0.0%	\$ 500,000
Total estimated local drainage over 10 years		\$ 5,000,000

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

REGIONAL FLOOD CONTROL DISTRICT

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.

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- 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

Ten-Year Construction Program

The proposed TYCP totals \$317,495,508 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 8% 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 \$148,445,524.

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 = 95.0)

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 underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$0.80 million for this project.

Pittman Burns – Sunset to Galleria (PV = 95.0)

PTSU 0000 through 0034 – This project consists of a reinforced concrete pipe and open channel that will collect storm flows at the intersection of Sunset Road and Boulder Highway and convey them to the existing Weisner Channel near Burns Road and Galleria Drive. Design is underway. Construction funding is programmed in FY 11/12. The TYCP includes approximately \$3.6 million for this project.

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

PTHR 0104, 0139, 0150 & 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 is underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$1.5 million for this project.

Pittman Burns – Pioneer Detention Basin Expansion and Inflow (PV = 92.5)

PTVW 0186 & PTIS 0000 – This project consists of expansion of the existing Pioneer Detention Basin from 377 acre feet to 442 acre feet and improvements to the inflow channel south of the detention basin. Design is underway. Construction funding is programmed in FY 11/12. The TYCP includes approximately \$0.60 million for this project.

Pittman Beltway – Anthem Parkway Channel – Horizon Ridge to Sienna Heights (PV = 96.0)

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Design is underway. Construction funding is programmed in FY 11/12. The TYCP includes approximately \$0.70 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Henderson (continued)

Lower Pittman – Whitney Wash Channel (PV = 98.5)

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 underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.30 million for this project.

Lower Pittman – Pittman Wash Duck Creek at I-515 (PV = 90.5)

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 underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$0.40 million for this project.

Lower Pittman – Pittman Wash – UPRR to Santiago (PV = 92.5)

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 underway. Construction funding is programmed in FY 11/12. The TYCP includes approximately \$2.8 million for this project.

Upper Pittman – Pittman North Detention Basin Outfall – St. Rose to Spencer (PV = 62.0)

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 and Right-of-Way Acquisition is programmed in FY 19/20. The TYCP includes approximately \$2.8 million for this project.

Upper Pittman – Pittman North Detention Basin Outfall – Basin to St. Rose (PV = 64.0)

PTNO 0180 – This project consists of a 72" reinforced concrete pipe from the Pittman North Detention Basin to St. Rose Parkway at Executive Airport. Design and Right-of-Way Acquisition is programmed in FY 18/19. The TYCP includes approximately \$0.80 million for this project.

Upper Pittman – Pittman North Detention Basin (PV = 70.0)

PTNO 0181 through 0183 – This project consists of completion of the Pittman North Detention Basin subsequent to completion of gravel extraction mining currently underway. Design is programmed in FY 17/18 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$3.9 million for this project.

C-1 – Center Street Storm Drain (PV = 69.5)

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

REGIONAL FLOOD CONTROL DISTRICT

Henderson (continued)

pipe to 10' x 4' box. Design is underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$4.3 million for this project.

C-1 – C-1 Channel Lake Mead – C-1 to Shoshone (PV = 97.5)

C1LM 0000 – This project consists of a concrete box culvert along Lake Mead Drive from Shoshone Lane to C-1 Channel. Construction of facility is proposed to be completed by a private developer with participation by the Regional Flood Control District. Construction is programmed in FY 10/11. The TYCP includes approximately \$3.9 million for this project.

C-1 – Equestrian Detention Basin Expansion (PV = 90.5)

C1EQ 0160 – This project consists of expansion of the existing Equestrian Detention Basin from 409 acre feet to 544 acre feet. Design is underway. Construction funding is programmed in FY 11/12. The TYCP includes approximately \$0.60 million for this project.

C-1 – Four Kids Wash – Lake Mead to Eagle Rock Road (PV = 89.5)

C1FK 0040 – This project consists of an open concrete channel from Lake Mead Parkway to Eagle Rock Road. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$0.60 million for this project.

C-1 – Racetrack 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 underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$2.7 million for this project.

C-1 – Equestrian Tributary, Phase II (PV = 94.5)

C1E1 0044 – This is the outfall from the Equestrian Detention Basin which outlets to the C-1 Channel. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$2.7 million for this project.

The funding programmed for the C-1 Channel and Pittman Wash Planning Areas in Henderson totals approximately \$33.9 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

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

Gowan Detention Basins

The North and South Detention Basins are joint use recreation facilities

Gowan Detention Basin Outfall

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

Gowan Lone Mountain System – Branch 4

Gowan/Lone Mountain System – Gilmore Channel

Gowan Lone Mountain System – Cliff Shadows Park

Gowan North – Buffalo Branch

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

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

Gowan North Channel, El Capitan Way to the Beltway

Gowan North Channel – Phases I & II

Northern Gowan Detention Basin to Durango including the Durango Branch

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

Gowan Outfall, Craig Road to Channel

North Las Vegas is the Lead Entity

Gowan Outfall – Lone Mountain Branch, Decatur Boulevard to Channel

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

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

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

Grand Teton Overpass – Storm Drain

Holmby Channel, Local Drainage Project

Horse Drive Interchange

I-15 Freeway Channel

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

Jay Avenue Improvements, Local Drainage Project

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

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

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

Meadows Detention Basin Expansion

North & South Environmental Enhancement Areas – Floyd Lamb Park

Oakey Boulevard Detention Basin and Outfall

Oakey Boulevard & Tenaya Way Storm Drain, Local Drainage Project

Oakey Drain, Birch Street to Cahlan Drive

Oakey – Meadows Storm Drain, Phase I

Oakey Meadows Storm Drain – Phase II

Owens Avenue System (Rancho Drive to I-15)

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

Peak Drive System (Jones Boulevard to Michael Way)

Rampart Storm Drain

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

Rancho Detention Basin, Phase II

Rancho Road System: Durango Drive US-95 Interchange

Rancho Road System – El Campo Grande Storm Drain

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 \$510,549,137.

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

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 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 13/14. 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 \$7.3 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 \$7.0 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 18/19. The TYCP includes approximately \$0.40 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 underway. Construction is programmed in FY 14/15. The TYCP includes approximately \$2.6 million for this project.

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

MEOK 0150 through 0217 – This project is the third and final phase of the Oakey Meadows facility. The Oakey Meadows Project follows a stair stepped path to the southwest from Valley View Boulevard and Alta Drive to Sahara Avenue and Decatur Boulevard. Phase one includes the facility from Valley View Boulevard and Alta Drive

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

to Charleston Boulevard and Hinson Street. Phase two will continue the facility constructed with phase one and extend it west and south to Decatur Boulevard and Del Rey Avenue. The third phase will complete the facility by extending it south to Sahara Avenue and Decatur Boulevard. Phase one construction is underway. Phase two construction is scheduled to begin in October 2010 (MEOK 0070 through 0110). Construction is programmed in FY 15/16 for phase three (MEOK 0150 through 0217). The TYCP includes approximately \$4.4 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 – Langtry Channel – Bonanza to Washington (PV = 94.5)

LCLT 0006 – This project consists of reconstruction of the existing rectangular concrete lined channel that is located just west of Valley View Boulevard, between Washington Avenue and Bonanza Road. Design is underway using funds from Operations and Maintenance. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$2.2 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 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$4.7 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 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$14.7 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 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$3.7 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

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 17/18. The TYCP includes approximately \$1.2 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 17/18. The TYCP includes approximately \$1.7 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 17/18. The TYCP includes approximately \$0.60 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 17/18. The TYCP includes approximately \$0.50 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 underway. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$0.50 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 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$5.0 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 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$5.0 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas (continued)

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 underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$3.6 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 underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$6.8 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 underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$2.2 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 17/18. The TYCP includes approximately \$2.0 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 16/17. The TYCP includes approximately \$7.3 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 17/18. The TYCP includes approximately \$5.2 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 \$101.7 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 North, Range, and Lower Las Vegas Wash Basins Planning Area”. Projects completed or funded for construction since 1987 include:

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

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

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

Centennial Parkway Channel East

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

Confluence Detention Basin Clark County is the Lead Entity

Freeway Channel – Owens Avenue to Miller Avenue – Phase I

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

REGIONAL FLOOD CONTROL DISTRICT

North Las Vegas (continued)

Simmons Street Channel

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 \$205,464,110.

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 \$28.5 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 underway. Right-of-Way Acquisition is programmed in FY 10/11. Construction funding is programmed in FY 12/13. The TYCP includes approximately \$6.8 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 13/14. The TYCP includes approximately \$3.8 million for this project.

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

LVBR 0000, 0014, and 0026 – This project consists of concrete channel and includes a box culvert at North 5th Street. The facility begins at the east end of Mayflower Avenue and extends east to the I-15 corridor. Design is underway. Right-of-Way Acquisition is programmed in FY 10/11. Construction funding is programmed in FY 11/12. The TYCP includes approximately \$0.50 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. 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 \$8.0 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

REGIONAL FLOOD CONTROL DISTRICT

North Las Vegas (continued)

Desert Rose Golf Course. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$3.6 million for this project.

Range Wash – Lower Range – Orchard Detention Basin & Collectors to Charleston Boulevard (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 10/11. The TYCP includes approximately \$10.2 million for this project.

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

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

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

SLWA 0130 through 0175 & SLOW 0000 through 0005 – This 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 16/17 and Right-of-Way Acquisition is programmed in FY 17/18. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$7.2 million for this project.

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

RWWE 0397 through 0439 – This is a detention basin located at Centennial Parkway 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. Right-of-Way Acquisition is programmed in FY 10/11. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$15.7 million for this project.

Range Wash – East Range – Hollywood System (PV = 82.0)

RWHW 0173 through 0277 – This project consists of a concrete box culvert in Hollywood Boulevard extending from I-15 south to Las Vegas Boulevard. Design is programmed in FY 17/18 and Right-of-Way Acquisition is programmed in FY 18/19. The TYCP includes approximately \$3.7 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

North Las Vegas (continued)

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 \$88.2 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

Blue Diamond Wash Wigwam, UPRR to Jones Boulevard

Carey Avenue Storm Drain, Local Drainage Project

Desert Inn Detention Basin Collection System and Outfall

Duck Creek at Robindale Road

Duck Creek, Broadbent Boulevard Bridge and Channel

Duck Creek, Broadbent Boulevard to Boulder Highway

Duck Creek, Eldorado Lane to Spencer Street

Duck Creek, Emerald Avenue to Stephanie Street, Phase I

Duck Creek, Lower Detention Basin to Silverado Ranch Boulevard

Duck Creek, Mountain Vista Street to Green Valley Parkway

Duck Creek, Phase II and Lower Pittman

Duck Creek, Railroad Detention Basin

Duck Creek, Railroad near Warm Springs to Topaz Street

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

Duck Creek, Tomiyasu Lane to the Railroad near Warm Springs

Duck Creek, Tomiyasu Lane to Topaz Street

Duck Creek, Topaz Street to Eastern Avenue

Duck Creek, US-95 Branch

Durango Collector

Flamingo – Boulder Highway North, Sahara Avenue to Flamingo Wash

Flamingo Diversion – Jones Branch

Flamingo Hacienda

Flamingo Wash, Algonquin Drive to Maryland Parkway

Flamingo Wash, Nellis Boulevard to I-515

Flamingo Wash at Boulder Highway

Flamingo Wash Bridges

At Arville, Eastern, Paradise, and Palo Verde

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

Flamingo Wash, Desert Inn to Eastern Avenue

Flamingo Wash, I-515 to Boulder Highway

Flamingo Wash, Spencer Street Bridge and Approach Channel

Hickam Avenue Storm Drain, Local Drainage Project

Lakes Detention Basin, Collection, and Outfall System

A joint use recreation facility

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

Lower Blue Diamond Detention Basin

Lower Blue Diamond Detention Basin Collector Channel

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

Lower Blue Diamond Detention Basin Outfall

Lower Duck Creek Detention Basin and Outfall Channel

Lower Flamingo Detention Basin

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

Rawhide Channel at Sagebrush Street

Rawhide Channel System

Red Coach Avenue/Cimarron Road Improvements, Local Drainage Project

Red Rock Channel, Naples Branch

Red Rock Channel, Naples Branch – Flamingo Connector

Sloan Channel, Las Vegas Wash to Charleston Boulevard

Sunrise Avenue Area Storm Drain, Local Drainage Project

Tomiyasu and La Casita Crossings of Duck Creek

Tropicana North Branch Detention Basin

Twain at Pecos-McLeod Storm Drain, Local Drainage Project

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**

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

- **Flamingo Detention Basin Expansion**
- **Lower Blue Diamond Channel**
- **Lower Flamingo Diversion Channel, Phase I (Tropicana Detention Basin to Jones Boulevard)**
- **Lower Red Rock Complex**
- **R-4 Detention Basin and Channel**
- **Red Rock Channel (Beltway Section 10A)**
- **Red Rock Detention Basin Expansion**
- **Red Rock Detention Basin Scour Protection and Outfall Channel**
- **Tropicana Detention Basin and Outfall Channel**
- **Upper Blue Diamond Diversion Channel**
- **Upper Flamingo Detention Basin Expansion**
- **Upper Flamingo Diversion Channel, Phase II**

Tropicana Wash Channel

Paradise Road to Koval Lane

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

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

Cooper Crossing in Moapa Valley

Hiko Springs Detention Basin (SID and District funded)

Hiko Springs Outfall Channel

Indian Springs Detention Basin

Logan (Benson) Wash Improvements in Moapa Valley

Muddy River, Gubler Avenue Bridge

Searchlight Flood Control Improvements

Unnamed Wash Improvements in Laughlin

District funding since 1987 for the projects plus design efforts of future projects total approximately \$399,762,210.

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 project consists of a reinforced concrete box culvert beneath Buffalo Drive conveying flow from Patrick Lane to the Flamingo Diversion Channel. Design is underway. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$9.8 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 10/11. The TYCP includes approximately \$2.4 million for this project.

Tropicana/Flamingo – Flamingo Diversion – Rainbow Branch, Russell Road 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 reinforced concrete box culvert from Patrick Lane to Russell Road. Design is underway. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$9.3 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

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 10/11. The TYCP includes approximately \$10.4 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 18/19. The TYCP includes approximately \$0.50 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 underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.20 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 17/18. The TYCP includes approximately \$0.60 million for this project.

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

LV01 0001 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 17/18. The TYCP includes approximately \$0.80 million for this project.

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

LV02 0001 through 0294 – This project consists of a concrete box culvert along Flamingo Road from Boulder Highway to Nellis Boulevard; replacement of existing bridge structures along the south side of Flamingo Road at a driveway entrance and at Canal Street; and concrete lined channel beginning at Flamingo Road and Jimmy Durante Boulevard extending south and east to the Las Vegas Wash. Design is programmed in FY 19/20. The TYCP includes approximately \$1.3 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 19/20. The TYCP includes approximately \$0.50 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Clark County (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. 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 19/20. The TYCP includes approximately \$0.50 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 19/20. The TYCP includes approximately \$0.80 million for this project.

Duck Creek/Blue Diamond – Upper Duck Creek Detention Basin

DCW4 0942 – 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 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 10/11. The TYCP includes approximately \$0.30 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 10/11 and construction funding is programmed in FY 11/12. The TYCP includes approximately \$0.60 million for this project.

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

DCWA 0967 – This project includes channel improvements on Duck Creek from Robindale Road to I-215. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$0.70 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 \$50.8 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. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$0.40 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 12/13 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$1.2 million for this project.

Muddy River and Tributaries – Muddy River Logandale Levee

MRL 0000, 0013, and 0038 – This project consists of the reconstruction of an existing levee beginning at Wells Siding and extending south along the east side of the Union Pacific Railroad alignment to just north of Waite Avenue alignment. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$1.8 million for this project.

Muddy River and Tributaries –Cooper Avenue Bridge

MRLV 0375 – This project consists of construction of a new bridge crossing for Cooper Avenue over Muddy River along with concrete channel lining just upstream and downstream of the bridge. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$13.2 million for this project.

Muddy River and Tributaries – Ramos Ranch to Bryner Avenue

MRLV 0350, 0357, 0377, and 0388 – This project consists of an earth lined channel beginning near Ramos Ranch Road and extending south to the Bryner Avenue alignment. Design is underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$12.1 million for this project.

Mount Charleston – Rainbow Canyon Boulevard Bridge

MTCH 0001 – This project consists of a new bridge structure for Rainbow Canyon Boulevard, just south of Kyle Canyon Road. Design is programmed in FY 14/15. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$1.2 million for this project.

Laughlin – Bridge Canyon Detention Basin

LUHS 0415 through 0417 – This project includes construction of a 1,104 acre-foot detention basin, a spillway structure and an outfall pipe. The structures are located south

REGIONAL FLOOD CONTROL DISTRICT

Clark County (continued)

and west of State Route 163 and Needles Highway. Design is programmed in FY 17/18. The TYCP includes approximately \$0.90 million for this project.

Laughlin – Hiko Detention Basin Expansion

LUHS 0244 – This project consists of the expansion of the Hiko Springs Detention Basin from 1,560 acre feet to 1,639 acre feet to accommodate diversion of the Bridge Canyon flow. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$1.9 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 17/18. The TYCP includes approximately \$0.20 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 14/15. The TYCP includes approximately \$0.90 million for this project.

Searchlight – South, Encinitas St. Storm Drain

SRSO 0000 through 0030 – This project consists of a storm drain beneath Encinitas Street out-letting to the natural wash on the southeast side of the town. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$1.5 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 11/12 and construction funding is programmed in FY 14/15. The TYCP includes approximately \$2.6 million for this project.

The TYCP for the Outlying Areas of Clark County totals approximately \$37.9 million.

In all, among the Tropicana/Flamingo, Duck Creek, Blue Diamond, and Outlying Planning Areas, Clark County has programmed approximately \$88.7 million for flood control facilities over the next ten 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 Debris Basin, Collection and Outfall

Yucca Street Drainage

District funding since 1987 for the projects plus design efforts of future projects total approximately \$18,875,200.

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

Georgia/Buchanan – Buchanan Blvd., Phase III Improvements

GBAP 0001, GBGR 0001 & GBBC 0110, 0149 and 0153 – This project includes the lower reach of a drainage channel located on the eastern boundary of the Boulder City Airport; reconstruction of crossings along Buchanan Boulevard at El Camino Way, at Clubhouse Road and across Buchanan Boulevard near Quail Drive; and the replacement of a portion of an existing storm drain in Buchanan Boulevard from Adams Boulevard to

REGIONAL FLOOD CONTROL DISTRICT

Boulder City (continued)

El Camino Way. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$1.6 million for this project.

Hemenway – Hemenway System, Phase II Improvements

HMLV 0006 and 0019, HMTH 0034, HMLM 0066 and 0085 and HMWA 0005, 0105, 0158, 0173, 0175, and 0182 – This project consists of the reconstruction of an existing grouted rip rap channel with a concrete channel located north of Fire Agate Drive, between US-93 and Quartzite Road; revisions to the existing earthen levee located southwest of the Trailhead Detention Basin to enlarge the structure and line with rip rap; increase the volume of the Lake Mountain Drive Detention Basin and construction of a new grate structure for the outlet pipe downstream of the basin; and improvements to the Hemenway Channel system located along the north side of US-93 including concrete lining of the channel sides and construction of two sediment basins at the upstream end of the system. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$1.0 million for this project.

North Railroad – Bootleg Canyon Detention Basin & 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 10/11. The TYCP includes approximately \$0.10 million for this project.

North Railroad – North Railroad Conveyance

NRRR 0000 through 0106 and NRIN 0031 – This project is an upgrade of the existing Veteran's Center levee to meet FEMA criteria and construction of a concrete lined channel along the north side of the Union Pacific Railroad Henderson Spur alignment, extending from Buchanan Boulevard to the North Railroad Detention Basin. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$2.2 million for this project.

The funding programmed for Boulder City totals approximately \$4.9 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

Town Wash Conveyance, I-15 to the Virgin River

District funding since 1987 for these projects plus design efforts of future projects totals approximately \$26,127,006.

No projects are programmed for Mesquite during this Ten Year planning period due to acceleration of funding to construct the Town Wash Conveyance, I-15 to the Virgin River project.

REGIONAL FLOOD CONTROL DISTRICT

Fiscal Year 2011 Project List

The first year of the TYCP comprises the recommended FY 2011 Project List. It should be noted that construction and right-of-way funds programmed in FY 2012 and FY 2013 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 \$77.8 million. Projects eligible for funding in FY 2010 total \$113.1 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 \$92.8 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 2011 are as follows:

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

Pittman Burns – Pittman West Horizon – Palm Hills (PV = 95.0)

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 underway. Construction funding is programmed in FY 12/13. FY 2011 eligible funding is approximately \$0.80 million for this project.

Pittman Burns – Sunset to Galleria (PV = 95.0)

PTSU 0000 through 0034 – This project consists of a reinforced concrete pipe and open channel that will collect storm flows at the intersection of Sunset Road and Boulder Highway and convey them to the existing Weisner Channel near Burns Road and Galleria Drive. Design is underway. Construction funding is programmed in FY 11/12. FY 2011 eligible funding is approximately \$3.6 million for this project.

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

PTHR 0104, 0139, 0150 & 0203 through 0205 – This project consists of a concrete

REGIONAL FLOOD CONTROL DISTRICT

FY 2011 Project List (continued)

channel from Horizon Ridge Parkway to Sumner Ranch Road and a debris basin located approximately one-half mile south of Horizon Ridge Parkway. Design is underway. Construction funding is programmed in FY 12/13. FY 2011 eligible funding is approximately \$1.5 million for this project.

Pittman Burns – Pioneer Detention Basin Expansion and Inflow (PV = 92.5)

PTVW 0186 & PTIS 0000 – This project consists of expansion of the existing Pioneer Detention Basin from 377 acre feet to 442 acre feet and improvements to the inflow channel south of the detention basin. Design is underway. Construction funding is programmed in FY 11/12. FY 2011 eligible funding is approximately \$0.60 million for this project.

Pittman Beltway – Anthem Parkway Channel – Horizon Ridge to Sienna Heights (PV = 96.0)

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Design is underway. Construction funding is programmed in FY 11/12. FY 2011 eligible funding is approximately \$0.70 million for this project.

Lower Pittman – Whitney Wash Channel (PV = 98.5)

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 underway. Construction funding is programmed in FY 10/11. FY 2011 eligible funding is approximately \$0.30 million for this project.

Lower Pittman – Pittman Wash – UPRR to Santiago (PV = 92.5)

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 underway. Construction funding is programmed in FY 11/12. FY 2011 eligible funding is approximately \$2.8 million for this project.

C-1 – C-1 Channel Lake Mead – C-1 to Shoshone (PV = 97.5)

C1LM 0000 – This project consists of a concrete box culvert along Lake Mead Drive from Shoshone Lane to C-1 Channel. Construction of facility is proposed to be completed by a private developer with participation by the Regional Flood Control District. Construction is programmed in FY 10/11. FY 2011 eligible funding is approximately \$3.9 million for this project.

C-1 – Equestrian Detention Basin Expansion (PV = 90.5)

C1EQ 0160 – This project consists of expansion of the existing Equestrian Detention Basin from 409 acre feet to 544 acre feet. Design is underway. Construction funding is programmed in FY 11/12. FY 2011 eligible funding is approximately \$0.60 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

FY 2011 Project List (continued)

C-1 – Equestrian Tributary, Phase II (PV = 94.5)

C1E1 0044 – This is the outfall from the Equestrian Detention Basin which outlets to the C-1 Channel. Design is underway. Construction funding is programmed in FY 10/11. FY 2011 eligible funding is approximately \$2.7 million for this project.

Total Programmed First Year: \$ 7,909,173

Total Eligible First Year: \$18,566,941

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

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 2011 eligible funding is approximately \$7.0 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 2011 eligible funding is approximately \$5.6 million for this project.

Central – Langtry Channel – Bonanza to Washington (PV = 94.5)

LCLT 0006 – This project consists of reconstruction of the existing rectangular concrete lined channel that is located just west of Valley View Boulevard, between Washington Avenue and Bonanza Road. Design is underway using funds from Operations and Maintenance. Construction funding is programmed in FY 12/13. FY 2011 eligible funding is approximately \$2.2 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 underway. Construction funding is programmed in FY 12/13. FY 2011 eligible funding is approximately \$0.50 million for this project.

Total Programmed First Year: \$ 6,977,724

Total Eligible First Year: \$15,285,942

REGIONAL FLOOD CONTROL DISTRICT

FY 2011 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 2011 eligible funding is approximately \$28.5 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 underway. Right-of-Way Acquisition is programmed in FY 10/11. Construction funding is programmed in FY 12/13. FY 2011 eligible funding is approximately \$6.8 million for this project.

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

LVBR 0000, 0014, and 0026 – This project consists of concrete channel and includes a box culvert at North 5th Street. The facility begins at the east end of Mayflower Avenue and extends east to the I-15 corridor. Design is underway. Right-of-Way Acquisition is programmed in FY 10/11. Construction funding is programmed in FY 11/12. FY 2011 eligible funding is approximately \$0.50 million for this project.

Range Wash – Lower Range – Orchard Detention Basin & Collectors to Charleston Boulevard (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 10/11. FY 2011 eligible funding is approximately \$10.2 million for this project.

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

RWWE 0397 through 0439 – This is a detention basin located at Centennial Parkway 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. Right-of-Way Acquisition is programmed in FY 10/11. FY 2011 eligible funding is approximately \$0.20 million for this project.

Total Programmed First Year: \$39,444,743

Total Eligible First Year: \$46,164,042

REGIONAL FLOOD CONTROL DISTRICT

FY 2011 Project List (continued)

Clark County (Las Vegas Valley)

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

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

FLOQ 0000 – This project 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 10/11. FY 2011 eligible funding is approximately \$2.4 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 10/11. FY 2011 eligible funding is approximately \$10.4 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 underway. Construction funding is programmed in FY 10/11. FY 2011 eligible funding is approximately \$0.20 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. FY 2011 eligible funding is approximately \$9.1 million for this project.

Duck Creek/Blue Diamond – Upper Duck Creek Detention Basin

DCW4 0942 – 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 2011 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 10/11. FY 2011 eligible funding is approximately \$0.30 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 10/11 and construction funding is

REGIONAL FLOOD CONTROL DISTRICT

FY 2011 Project List (continued)

programmed in FY 11/12. FY 2011 eligible funding is approximately \$0.60 million for this project.

Clark County (Outlying Areas):

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

Goodsprings – Goodsprings – Phase I

GSEA 0000, GSPA 0027 and 0029 & GSRV 0019 – This project consists of a riprap channel in Pacific Street and Revere Street discharging to the natural watercourse on the north side of Goodsprings. Design is underway. Construction funding is programmed in FY 10/11. FY 2011 eligible funding is approximately \$0.40 million for this project.

Muddy River and Tributaries – Muddy River Logandale Levee

MRL 0000, 0013, and 0038 – This project consists of the reconstruction of an existing levee beginning at Wells Siding and extending south along the east side of the Union Pacific Railroad alignment to just north of Waite Avenue alignment. Design is underway. Construction funding is programmed in FY 10/11. FY 2011 eligible funding is approximately \$1.8 million for this project.

Clark County (Las Vegas Valley) Programmed First Year: \$16,452,152

Clark County (Las Vegas Valley) Eligible First Year: \$26,114,168

Clark County (Outlying Areas) Programmed First Year: \$ 2,148,757

Clark County (Outlying Areas) Eligible First Year: \$ 2,148,757

Total Programmed First Year: \$18,600,909

Total Eligible First Year: \$28,262,924

Boulder City:

Georgia/Buchanan – Buchanan Blvd., Phase III Improvements

GBAP 0001, GBGR 0001 & GBBC 0110, 0149 and 0153 – This project includes the lower reach of a drainage channel located on the eastern boundary of the Boulder City Airport; reconstruction of crossings along Buchanan Boulevard at El Camino Way, at Clubhouse Road and across Buchanan Boulevard near Quail Drive; and the replacement of a portion of an existing storm drain in Buchanan Boulevard from Adams Boulevard to El Camino Way. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$1.6 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

FY 2011 Project List (continued)

Hemenway – Hemenway System, Phase II Improvements

HMLV 0006 and 0019, HMTH 0034, HMLM 0066 and 0085 and HMWA 0005, 0105, 0158, 0173, 0175, and 0182 – This project consists of the reconstruction of an existing grouted rip rap channel with a concrete channel located north of Fire Agate Drive, between US-93 and Quartzite Road; revisions to the existing earthen levee located southwest of the Trailhead Detention Basin to enlarge the structure and line with rip rap; increase the volume of the Lake Mountain Drive Detention Basin and construction of a new grate structure for the outlet pipe downstream of the basin; and improvements to the Hemenway Channel system located along the north side of US-93 including concrete lining of the channel sides and construction of two sediment basins at the upstream end of the system. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$1.0 million for this project.

North Railroad – Bootleg Canyon Detention Basin & 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 10/11. The TYCP includes approximately \$0.10 million for this project.

North Railroad – North Railroad Conveyance

NRRR 0000 through 0106 and NRIN 0031 – This project is an upgrade of the existing Veteran's Center levee to meet FEMA criteria and construction of a concrete lined channel along the north side of the Union Pacific Railroad Henderson Spur alignment, extending from Buchanan Boulevard to the North Railroad Detention Basin. Design is underway. Construction funding is programmed in FY 10/11. The TYCP includes approximately \$2.2 million for this project.

Total Programmed First Year: \$4,908,546

Total Eligible First Year: \$4,908,546

Mesquite:

No projects are programmed for Mesquite during this Ten Year planning period due to acceleration of funding to construct the Town Wash Conveyance, I-15 to the Virgin River project.

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: Whitney Wash Channel											
WWDC 0069	4	3	4	3	3	4	4	4	3	98.5	
	20.0	13.5	16.0	10.5	9.0	10.0	8.0	6.0	4.0	1.5	
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights											
PTAP 0018	4	4	4	3	3	3	3	3	3	96.0	
	20.0	18.0	16.0	10.5	9.0	7.5	6.0	4.5	3.0	1.5	
PROJECT: Pittman West Horizon - Palm Hills											
PTWH 0032	4	4	4	3	2	3	4	3	3	95.0	
	20.0	18.0	16.0	10.5	6.0	7.5	8.0	4.5	3.0	1.5	
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road											
PTHR 0104, 0139, 0150 & 0203 thru 0205	3	4	2	4	4	4	4	4	3	94.5	
	15.0	18.0	8.0	14.0	12.0	10.0	8.0	6.0	3.0	0.5	
PROJECT: Sunset to Galleria											
PTSU 0000 thru 0034	3	4	4	4	2	4	2	3	2	95.0	
	15.0	18.0	16.0	14.0	12.0	5.0	8.0	3.0	3.0	1.0	
PROJECT: Pittman Wash - UPRR to Santiago											
PTWA 0056 & 0092	3	3	4	2	4	3	4	5	4	92.5	
	15.0	13.5	16.0	7.0	12.0	7.5	8.0	7.5	4.0	2.0	
PROJECT: Pioneer Detention Basin Expansion and Inflow											
PTVW 0186 and PTIS 0000	3	4	3	3	4	3	4	4	3	92.5	
	15.0	18.0	12.0	10.5	12.0	7.5	8.0	6.0	3.0	0.5	
PROJECT: Pittman Wash Duck Creek at I-515											
PTDC 0074	3	4	3	3	3	3	4	4	3	90.5	
	15.0	18.0	12.0	10.5	9.0	7.5	8.0	6.0	3.0	1.5	
PROJECT: Pittman North Detention Basin											
PTNO 0181 thru 0183	3	3	2	3	2	3	2	2	2	70.0	
	15.0	13.5	8.0	10.5	6.0	7.5	4.0	3.0	2.0	0.5	
PROJECT: Pittman North Detention Basin Outfall - Basin to St. Rose											
PTNO 0180	2	3	2	3	3	1	3	2	1	64.0	
	10.0	13.5	8.0	10.5	9.0	2.5	6.0	3.0	1.0	0.5	
PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer											
PTNO 0000 thru 0073	3	3	2	2	2	1	3	1	2	62.0	
	15.0	13.5	8.0	7.0	6.0	2.5	6.0	1.5	2.0	0.5	
HYDROGRAPHIC BASIN: C-1											
PROJECT: C-1 Channel Lake Mead - C-1 to Shoshone											
C1LM 0000	3	4	3	3	5	4	3	4	3	97.5	
	15.0	18.0	12.0	10.5	15.0	10.0	6.0	6.0	3.0	2.0	
PROJECT: Equestrian Tributary, Phase II											
C1E1 0044	4	4	4	3	3	3	3	3	2	94.5	
	20.0	18.0	16.0	10.5	9.0	7.5	6.0	4.5	2.0	1.0	
PROJECT: Equestrian Detention Basin Expansion											
C1EQ 0160	4	4	3	3	3	3	3	4	1	90.5	
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	6.0	1.0	0.5	
PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road											
C1FK 0040	4	3	3	3	3	3	3	4	4	89.5	
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	6.0	4.0	1.0	
PROJECT: Racetrack Channel - Drake to Burkholder											
C1RT 0001 thru 0041	4	3	3	3	2	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: Center Street Storm Drain											
C1CT 0000 thru 0048	3	3	2	3	2	2	3	2	2	69.5	
	15.0	13.5	8.0	10.5	6.0	5.0	6.0	3.0	2.0	0.5	

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											
HYDROGRAPHIC BASIN: CENTRAL											
PROJECT: Langtry Channel - Bonanza to Washington											
LCLT 0006	4	3	4	4	3	4	3	2	1	4	94.5
	20.0	13.5	16.0	14.0	9.0	10.0	6.0	3.0	1.0	2.0	
PROJECT: Simmons - Cheyenne to Carey											
LAAS 0000 thru 0103	4	4	3	3	3	4	3	2	1	2	90.5
	20.0	18.0	12.0	10.5	9.0	10.0	6.0	3.0	1.0	1.0	
PROJECT: Owens Avenue System - Rancho to Shadow Mountain											
LVOW 0241 & 0351	4	3	3	3	3	2	3	2	3	4	88.3
	20.0	15.8	14.0	10.5	9.0	5.0	6.0	3.0	3.0	2.0	
PROJECT: Freeway Channel - Owens to Miller Avenue, Phase II											
LVCS 0000 thru 0015	4	3	4	2	4	4	1	3	1	2	87.0
	20.0	13.5	16.0	7.0	12.0	10.0	2.0	4.5	1.0	1.0	
PROJECT: Oakey Drain - Cahlan to Barnard											
FWOK 0076 thru 0100	4	4	4	3	2	2	2	2	1	2	84.5
	20.0	18.0	16.0	10.5	6.0	5.0	4.0	3.0	1.0	1.0	
PROJECT: Oakey - Meadows Storm Drain											
MEOK 0150 thru 0217	4	3	3	3	2	3	4	3	1	2	84.0
	20.0	13.5	12.0	10.5	6.0	7.5	8.0	4.5	1.0	1.0	
PROJECT: Boulder Highway Sahara Avenue System											
BHSA 0000 thru 0331 & SAEA 0000	4	3	3	3	3	2	2	3	1	3	81.0
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5	
PROJECT: Las Vegas Wash - Charleston to Stewart											
LVMD 1071	4	3	3	3	3	2	2	2	1	2	79.0
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	1.0	1.0	
HYDROGRAPHIC BASIN: GOWAN											
PROJECT: Angel Park North - Detention Basin											
APNO 0001	4	3	4	3	3	2	2	3	1	3	85.0
	20.0	13.5	16.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5	
HYDROGRAPHIC BASIN: UPPER NORTHERN LAS VEGAS WASH											
PROJECT: Rancho Road System - Echelon Point to Elkhorn											
RCHB 0250	3	3	3	4	2	4	3	3	1	3	83.5
	15.0	13.5	12.0	14.0	6.0	10.0	6.0	4.5	1.0	1.5	
PROJECT: Rancho Road System - Beltway to Echelon Point											
RCHB 0227	3	3	3	4	3	4	2	2	1	3	83.0
	15.0	13.5	12.0	14.0	9.0	10.0	4.0	3.0	1.0	1.5	
PROJECT: Ann Road Channel West - Rainbow Blvd.											
ANRB 0000	4	3	3	3	2	3	3	3	1	3	82.5
	20.0	13.5	12.0	10.5	6.0	7.5	6.0	4.5	1.0	1.5	
PROJECT: Centennial Parkway Channel West - U.S. 95 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	

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	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: Brooks Channel											
LVBR 0000, 0014, 0026	3	3	3	3	3	3	4	3	2	83.5	
	15.0	13.5	12.0	10.5	9.0	7.5	8.0	4.5	2.0	1.5	
PROJECT: Ann Road Channel East, Las Vegas Wash to Fifth Street											
ANEA 0008 & 0040	3	3	4	4	2	2	3	2	2	82.0	
	15.0	13.5	16.0	14.0	6.0	5.0	6.0	3.0	2.0	1.5	
PROJECT: Hollywood System											
RWHW 0173 thru 0277	3	3	3	3	4	3	2	3	2	82.0	
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	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	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 Collectors											
SLOR 0104 thru 0158	4	4	3	3	3	3	3	4	3	93.0	
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	6.0	3.0	1.0	
PROJECT: Vandenberg North Detention Basin, Collection & Outfall											
RWWE 0397 thru 0439	3	4	3	3	4	3	2	3	2	87.0	
	15.0	18.0	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.5	
PROJECT: Owens Detention Basin & Outfall											
SLWA 0130 thru 0175 & SLOW 0000 thru 0005	3	4	3	3	3	2	3	4	3	85.5	
	15.0	18.0	12.0	10.5	9.0	5.0	6.0	6.0	3.0	1.0	

EXHIBIT B

Project Prioritization

Priority Factor and Weight												Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M			
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5			
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	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: Flamingo Diversion - South Buffalo Branch, Flamingo Wash to Patrick												
FLSB 0010 and 0053	3	3	3	3	4	4	3	2	2	88.5		
	15.0	13.5	12.0	10.5	12.0	10.0	8.0	4.5	2.0	1.0		
PROJECT: Flamingo Wash, Industrial Rd. 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 0001 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: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.												
LV02 0001 thru 0294	3	3	3.0	3	3	2	3	2	2	77.5		
	15.0	13.5	12.0	10.5	9.0	5.0	6.0	3.0	2.0	1.5		
PROJECT: Flamingo Maryland Parkway												
FLMR 0000	2	2	3	3	3	4	3	3	1	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	3	2	3	2	69.5		
	10.0	9.0	12.0	10.5	9.0	7.5	4.0	4.5	2.0	1.0		
HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond												
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: 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, Robindale 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 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 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		

EXHIBIT C

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM

ADOPTED June 10, 2010

ADOPTED June 10, 2010					FIRST FIVE YEARS 7/2010 THRU 6/2015					SECOND FIVE YEARS 7/2015 THRU 6/2020						
		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY10/11	(Year 2) FY 11/12	(Year 3) FY 12/13	(Year 4) FY 13/14	(Year 5) FY 14/15	(Year 6) FY 15/16	(Year 7) FY 16/17	(Year 8) FY 17/18	(Year 9) FY 18/19	(Year 10) FY 19/20		
TOTAL PLAN				Annual Resources	\$316,246,865	\$89,507,529	\$18,134,480	\$18,213,609	\$19,325,656	\$21,161,117	\$23,151,710	\$25,405,169	\$27,915,841	\$33,107,885	\$37,066,095	
Unencumbered from previous year		\$3,257,773	Cumulative Available Resources	\$317,495,508	\$14,924,207	\$8,795,966	\$15,308,878	\$942,493	\$5,064,406	\$15,691,274	\$7,090,818	\$12,765,327	\$28,631,366	(\$1,248,643)		
ENTITY RESOURCES				Annual Resources	\$36,321,240	\$15,702,091	\$1,647,220	\$1,654,827	\$1,761,734	\$1,938,186	\$2,129,551	\$2,346,187	\$2,587,550	\$3,086,686	\$3,467,208	
Unencumbered from previous year		\$7,250,632	Cumulative Available Resources		\$7,792,918	\$1,045,083	\$437,197	\$1,252,570	\$516,356	\$2,645,907	\$653,814	\$2,954,487	\$1,717,989	\$2,378,681		
ENTITY TOTAL				\$628,995,883	\$223,680,864	\$33,942,558	\$7,909,173	\$8,395,056	\$2,262,713	\$946,361	\$2,674,399	\$0	\$4,338,280	\$286,876	\$4,323,185	\$2,806,515
HYDROGRAPHIC BASIN: PITTMAN				\$471,269,388	\$177,726,564	\$19,209,956	\$1,332,687	\$7,833,410	\$2,262,713	\$364,570	\$0	\$0	\$0	\$286,876	\$4,323,185	\$2,806,515
SYSTEM: Pittman Burns				\$80,211,394	\$32,192,624	\$6,567,902	\$0	\$4,305,189	\$2,262,713	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	PROJECT: Pittman West Horizon - Palm Hills															
	Design/Admin	PTWH 0032	Design Started 09/10	\$115,296	\$766,164			\$36,702								
	Right-of-way		HEN12I09	\$0												
	Construction			\$916,605				\$729,461								
	PROJECT: Sunset to Galleria															
	Design/Admin	PTSU 0000 thru 0034	Design Started 09/10	\$624,192	\$3,641,228		\$192,913									
	Right-of-way		HEN12H09	\$499,353												
	Construction			\$4,462,972			\$3,448,315									
	PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road															
	Design/Admin	PTHR 0104, 0139, 0150 & 0203 thru 0205	Design Started 09/10	\$251,560	\$1,496,549			\$80,079								
	Right-of-way		HEN05E09	\$201,246												
	Construction			\$1,779,865			\$1,416,469									
	PROJECT: Pioneer Detention Basin Expansion and Inflow															
	Design/Admin	PTVW 0186 & PTIS 0000	Design Started 09/10	\$113,431	\$663,961		\$35,057									
	Right-of-way		HEN05D09	\$41,947												
	Construction			\$813,957			\$628,904									
SYSTEM: Pittman Beltway				\$250,622,766	\$32,601,045	\$700,345	\$0	\$700,345	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights															
	Design/Admin	PTAP 0018	Design Started 09/10	\$120,056	\$700,345		\$37,105									
	Right-of-way		HEN22A09	\$96,044												
	Construction			\$858,397			\$663,240									
SYSTEM: Lower Pittman				\$135,413,191	\$36,269,083	\$4,525,134	\$1,332,687	\$2,827,877	\$0	\$364,570	\$0	\$0	\$0	\$0	\$0	\$0
	PROJECT: Pittman Railroad East Conveyance															
	Design/Admin	PTRE 0000 thru 0032			\$1,000,000											
	Right-of-way															
	4th Supplement Construction					\$1,000,000										
	PROJECT: Whitney Wash Channel															
	Design/Admin	WWDC 0069	Design Started 09/10	\$57,601	\$332,687	\$17,626										
	Right-of-way		HEN07D09	\$46,080												
	Construction			\$411,844		\$315,061										
	PROJECT: Pittman Wash Duck Creek at I-515															
	Design/Admin	PTDC 0074	Design Started 09/10	\$58,342	\$364,570			\$19,315								
	Right-of-way		HEN01H09	\$46,674												
	Construction			\$417,145			\$345,255									
	PROJECT: Pittman Wash - UPRR to Santiago															
	Design/Admin	PTWA 0056 & 0092	Design Started 09/10	\$497,500	\$2,827,877		\$153,757									
	Right-of-way		HEN07B09	\$397,999												
	Construction			\$3,460,971			\$2,674,119									
SYSTEM: Upper Pittman				\$4,797,807	\$67,042,790	\$7,416,576	\$0	\$0	\$0	\$0	\$0	\$0	\$286,876	\$4,323,185	\$2,806,515	
	PROJECT: North Detention Basin Outfall - St. Rose to Spencer															
	Design/Admin	PTNO 0000 thru 0073		\$1,707,461	\$2,806,515										\$1,202,792	
	Right-of-way			\$1,365,969											\$1,603,723	
	Construction			\$12,208,348												
	PROJECT: North Detention Basin Outfall - Basin to St. Rose															
	Design/Admin	PTNO 0180	25% Design left	\$716,046	\$753,438									\$118,964		
	Right-of-way			\$572,837										\$634,474		
	Construction			\$5,119,728												
	PROJECT: Pittman North Detention Basin															
	Design/Admin	PTNO 0181 thru 0183	25% Design left	\$1,830,317	\$3,856,623								\$286,876	\$810,903		
	Right-of-way			\$1,464,253												
	Construction		25% left after mining	\$9,963,327										\$2,758,844		

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM

ADOPTED June 10, 2010

ADOPTED June 10, 2010					FIRST FIVE YEARS 7/2010 THRU 6/2015					SECOND FIVE YEARS 7/2015 THRU 6/2020						
			Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY10/11	(Year 2) FY 11/12	(Year 3) FY 12/13	(Year 4) FY 13/14	(Year 5) FY 14/15	(Year 6) FY 15/16	(Year 7) FY 16/17	(Year 8) FY 17/18	(Year 9) FY 18/19	(Year 10) FY 19/20	
TOTAL PLAN			Annual Resources		\$316,246,865	\$89,507,529	\$18,134,480	\$18,213,609	\$19,325,656	\$21,161,117	\$23,151,710	\$25,405,169	\$27,915,841	\$33,107,885	\$37,066,095	
Unencumbered from previous year			\$3,257,773	Cumulative Available Resources		\$317,495,508	\$14,924,207	\$8,795,966	\$15,308,878	\$942,493	\$5,064,406	\$15,691,274	\$7,090,818	\$12,765,327	\$28,631,366	(\$1,248,643)
ENTITY RESOURCES			Annual Resources		\$36,321,240	\$15,702,091	\$1,647,220	\$1,654,827	\$1,761,734	\$1,938,186	\$2,129,551	\$2,346,187	\$2,587,550	\$3,086,686	\$3,467,208	
Unencumbered from previous year			\$7,250,632	Cumulative Available Resources			\$7,792,918	\$1,045,083	\$437,197	\$1,252,570	\$516,356	\$2,645,907	\$653,814	\$2,954,487	\$1,717,989	\$2,378,681
ENTITY TOTAL			\$628,995,883	\$223,680,864	\$33,942,558	\$7,909,173	\$8,395,056	\$2,262,713	\$946,361	\$2,674,399	\$0	\$4,338,280	\$286,876	\$4,323,185	\$2,806,515	
HYDROGRAPHIC BASIN: C-1			\$157,726,495	\$45,954,300	\$14,732,602	\$6,576,486	\$561,645	\$0	\$581,791	\$2,674,399	\$0	\$4,338,280	\$0	\$0	\$0	
SYSTEM: C-1			\$157,726,495	\$45,954,300	\$14,732,602	\$6,576,486	\$561,645	\$0	\$581,791	\$2,674,399	\$0	\$4,338,280	\$0	\$0	\$0	
	PROJECT: Center Street Storm Drain															
	Design/Admin	C1CT 0000 thru 0048	Design Started 09/10	\$582,908	\$4,338,280							\$229,843				
	Right-of-way		HEN23A09	\$466,326												
	Construction			\$4,167,789							\$4,108,438					
	PROJECT: C-1 Channel Lake Mead - C-1 to Shoshone															
	Design/Admin	C1LM 0000		\$1,608,291	\$3,870,658											
	Right-of-way			\$1,286,633												
	Construction		Dev Part 44%	\$11,499,282		\$3,870,658										
	PROJECT: Equestrian Detention Basin Expansion															
	Design/Admin	C1EQ 0160	Design Started 09/10	\$108,900	\$561,645		\$33,657									
	Right-of-way		HEN06H09	\$87,120												
	Construction			\$683,348			\$527,989									
	PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road															
	Design/Admin	C1FK 0040	Design Started 09/10	\$93,104	\$581,791				\$30,823							
	Right-of-way		HEN04O09	\$74,483												
	Construction			\$665,691					\$550,968							
	PROJECT: Racetrack Channel - Drake to Burkholder															
	Design/Admin	C1RT 0001 thru 0041	Design Started 09/10	\$403,757	\$2,674,399					\$141,690						
	Right-of-way		HEN04P09	\$323,006												
	Construction			\$2,886,862					\$2,532,709							
	PROJECT: Equestrian Tributary, Phase II															
	Design/Admin	C1E1 0044	Design Started 09/10	\$500,523	\$2,705,828	\$153,160										
	Right-of-way		HEN06I09	\$0												
	Construction			\$3,336,821		\$2,552,668										

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED June 10, 2010

ADOPTED June 10, 2010					FIRST FIVE YEARS 7/2010 THRU 6/2015					SECOND FIVE YEARS 7/2015 THRU 6/2020						
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY10/11	(Year 2) FY 11/12	(Year 3) FY 12/13	(Year 4) FY 13/14	(Year 5) FY 14/15	(Year 6) FY 15/16	(Year 7) FY 16/17	(Year 8) FY 17/18	(Year 9) FY 18/19	(Year 10) FY 19/20	
TOTAL PLAN					Annual Resources	\$316,246,865	\$89,507,529	\$18,134,480	\$18,213,609	\$19,325,656	\$21,161,117	\$23,151,710	\$25,405,169	\$27,915,841	\$33,107,885	\$37,066,095
Unencumbered from previous year		\$3,257,773	Cumulative Available Resources		\$317,495,508	\$14,924,207	\$8,795,966	\$15,308,878	\$942,493	\$5,064,406	\$15,691,274	\$7,090,818	\$12,765,327	\$28,631,366	(\$1,248,643)	
ENTITY RESOURCES					Annual Resources	\$100,462,631	\$7,429,860	\$7,432,192	\$7,466,515	\$7,948,872	\$8,745,015	\$9,608,448	\$10,585,901	\$11,674,921	\$13,927,004	\$15,643,903
Unencumbered from previous year		(\$30,702,786)	Cumulative Available Resources			\$452,135	\$2,256,045	\$7,042,624	\$144,993	\$568,091	\$5,726,322	\$184,020	\$718,478	\$14,227,228	(\$1,237,357)	
ENTITY TOTAL			\$1,034,304,336	\$1,255,815,649	\$101,699,988	\$6,977,724	\$5,628,282	\$2,679,936	\$14,846,503	\$8,321,917	\$4,450,217	\$16,128,203	\$11,140,463	\$418,254	\$31,108,488	
HYDROGRAPHIC BASIN: CENTRAL			\$471,498,118	\$589,529,376	\$64,076,535	\$6,977,724	\$5,628,282	\$2,200,000	\$14,846,503	\$2,557,516	\$4,450,217	\$1,443,283	\$3,924,336	\$418,254	\$21,630,419	
SYSTEM: LV Wash I-15 Tributary			\$87,415,667	\$134,584,448	\$21,824,227	\$6,977,724	\$0	\$0	\$14,846,503	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Freeway Channel - Owens to Miller Avenue, Phase II																
Design/Admin		LVCS 0000 thru 0015	Design Started 07/08	\$731,219	\$7,552,000				\$687,000							
Right-of-way			NLV18C07	\$584,974												
Construction				\$5,228,210					\$6,865,000							
PROJECT: Simmons - Cheyenne to Carey																
Design/Admin		LAAS 0000 thru 0103	Design Started 06/07	\$599,549	\$7,294,503				\$198,490							
Right-of-way			NLV04F07	\$959,280												
Construction				\$8,573,557					\$7,096,013							
PROJECT: Owens Avenue System - Rancho to Shadow Mountain																
Design/Admin		LVOW 0241 & 0351	Design Started 05/06	\$620,491	\$6,977,724	\$189,870										
Right-of-way			LAS19C05	\$992,784												
Construction				\$8,873,012		\$6,787,854										
SYSTEM: LV Wash Central			\$373,329,189	\$201,936,683	\$15,254,269	\$0	\$5,628,282	\$2,200,000	\$0	\$2,557,516	\$4,450,217	\$0	\$0	\$418,254	\$0	
PROJECT: Las Vegas Wash - Charleston to Stewart																
Design/Admin		LVMD 1071		\$629,370	\$418,254									\$418,254		
Right-of-way				\$503,496												
Construction				\$4,499,992												
PROJECT: Oakey Drain - Cahlan to Barnard																
Design/Admin		FWOK 0076 thru 0100		\$386,111	\$2,557,516					\$135,498						
Right-of-way				\$308,889												
Construction				\$2,760,694						\$2,422,019						
PROJECT: Oakey - Meadows Storm Drain																
Design/Admin		MEOK 0150 thru 0217	Design Started 03/04	\$325,536	\$4,450,217						\$121,094					
Construction			LAS05E03	\$4,655,162							\$4,329,123					
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									
PROJECT: Langtry Channel - Bonanza to Washington																
Design/Admin		LCLT 0006			\$2,200,000			\$200,000								
Right-of-way																
Construction								\$2,000,000								
SYSTEM: Sahara Boulder Highway			\$10,753,262	\$253,008,245	\$26,998,038	\$0	\$0	\$0	\$0	\$0	\$0	\$1,443,283	\$3,924,336	\$0	\$21,630,419	
PROJECT: Boulder Highway Sahara Avenue - Mojave to Boulder Hwy																
Design/Admin		BHSA 0000	Design Started 09/10	\$497,288	\$4,702,145							\$294,124				\$233,537
Right-of-way			LAS27A09	\$397,831												
Construction				\$3,555,611												\$4,174,484
PROJECT: Boulder Highway Sahara Avenue - Eastern to Mojave																
Design/Admin		BHSA 0026		\$1,553,335	\$14,687,673							\$918,729				\$729,480
Right-of-way				\$1,242,668												
Construction				\$11,106,345												\$13,039,464
PROJECT: Sahara Avenue - Eastern Lateral																
Design/Admin		SAEA 0000		\$389,599	\$3,683,884							\$230,431				\$182,964
Right-of-way				\$311,679												
Construction				\$2,785,635												\$3,270,490
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern																
Design/Admin		BHSA 0075		\$1,877,672	\$1,177,193								\$1,177,193			
Right-of-way				\$1,502,137												
Construction				\$13,425,353												
PROJECT: Boulder Highway Sahara Avenue - L.V. Blvd. to Maryland																
Design/Admin		BHSA 0175		\$2,667,545	\$1,672,399								\$1,672,399			
Right-of-way				\$2,134,036												
Construction				\$19,072,943												
PROJECT: Boulder Highway Sahara Avenue - Industrial to L.V. Blvd																
Design/Admin		BHSA 0289		\$937,593	\$587,817								\$587,817			
Right-of-way				\$750,074												
Construction				\$6,703,787												
PROJECT: Boulder Highway Sahara Avenue - I-15 to Industrial																
Design/Admin		BHSA 0331		\$776,667	\$486,926								\$486,926			
Right-of-way				\$621,334												
Construction				\$5,553,173												

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED June 10, 2010

ADOPTED June 10, 2010					FIRST FIVE YEARS 7/2010 THRU 6/2015					SECOND FIVE YEARS 7/2015 THRU 6/2020						
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY10/11	(Year 2) FY 11/12	(Year 3) FY 12/13	(Year 4) FY 13/14	(Year 5) FY 14/15	(Year 6) FY 15/16	(Year 7) FY 16/17	(Year 8) FY 17/18	(Year 9) FY 18/19	(Year 10) FY 19/20	
TOTAL PLAN					Annual Resources	\$316,246,865	\$89,507,529	\$18,134,480	\$18,213,609	\$19,325,656	\$21,161,117	\$23,151,710	\$25,405,169	\$27,915,841	\$33,107,885	\$37,066,095
Unencumbered from previous year		\$3,257,773	Cumulative Available Resources		\$317,495,508	\$14,924,207	\$8,795,966	\$15,308,878	\$942,493	\$5,064,406	\$15,691,274	\$7,090,818	\$12,765,327	\$28,631,366	(\$1,248,643)	
ENTITY RESOURCES					Annual Resources	\$100,462,631	\$7,429,860	\$7,432,192	\$7,466,515	\$7,948,872	\$8,745,015	\$9,608,448	\$10,585,901	\$11,674,921	\$13,927,004	\$15,643,903
Unencumbered from previous year		(\$30,702,786)	Cumulative Available Resources			\$452,135	\$2,256,045	\$7,042,624	\$144,993	\$568,091	\$5,726,322	\$184,020	\$718,478	\$14,227,228	(\$1,237,357)	
ENTITY TOTAL			\$1,034,304,336	\$1,255,815,649	\$101,699,988	\$6,977,724	\$5,628,282	\$2,679,936	\$14,846,503	\$8,321,917	\$4,450,217	\$16,128,203	\$11,140,463	\$418,254	\$31,108,488	
HYDROGRAPHIC BASIN: GOWAN			\$367,632,819	\$231,300,483	\$479,936	\$0	\$0	\$479,936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SYSTEM: Gowan North			\$195,013,054	\$230,164,471	\$479,936	\$0	\$0	\$479,936	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Angel Park North - Detention Basin																
Design/Admin		APNO 0001		\$90,347	\$479,936			\$28,760								
Right-of-way				\$72,277												
Construction				\$566,925				\$451,176								
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH			\$195,173,399	\$434,985,790	\$37,143,517	\$0	\$0	\$0	\$0	\$5,764,401	\$0	\$14,684,920	\$7,216,128	\$0	\$9,478,069	
SYSTEM: Ann Road			\$81,265,485	\$33,976,666	\$22,664,151	\$0	\$0	\$0	\$0	\$5,764,401	\$0	\$7,421,682	\$0	\$0	\$9,478,069	
PROJECT:Rancho Road System - Fort Apache to Grand Canyon																
Design/Admin		RCHB 0275		\$534,631	\$5,055,245							\$316,211				\$251,075
Right-of-way				\$427,705												
Construction				\$3,822,614												
PROJECT:Rancho Road System - Grand Canyon to Hualapai																
Design/Admin		RCHB 0295		\$534,631	\$5,055,245							\$316,211				\$251,075
Right-of-way				\$427,705												
Construction				\$3,822,614												
PROJECT: Rancho System - Beltway to Echelon Point																
Design/Admin		RCHB 0227	Design Started 09/10	\$537,241	\$3,558,567					\$188,533						
Right-of-way			LAS16J09	\$429,793												
Construction				\$3,841,271				\$3,370,033								
PROJECT: Rancho System - Echelon Point to Elkhorn																
Design/Admin		RCHB 0250	Design Started 09/10	\$912,230	\$6,789,261							\$359,696				
Right-of-way			LAS16J09	\$729,784												
Construction				\$6,522,448									\$6,429,565			
PROJECT: Ann Road Channel West - Rainbow Blvd.																
Design/Admin		ANRB 0000	Design Started 09/10	\$333,017	\$2,205,834					\$116,865						
Right-of-way			LAS16I09	\$266,414												
Construction				\$2,381,073				\$2,088,969								
SYSTEM: Upper Western Tributary			\$83,168,252	\$267,056,950	\$14,479,366	\$0	\$0	\$0	\$0	\$0	\$0	\$7,263,238	\$7,216,128	\$0	\$0	
PROJECT: Centennial Parkway Channel West - U.S 95 Facilities																
Design/Admin		CN95 0000 thru 0167		\$3,143,521	\$1,970,809								\$1,970,809			
Right-of-way				\$2,514,818												
Construction				\$22,476,184												
PROJECT: Las Vegas Wash - Grand Teton, Mountain Spa to Buffalo																
Design/Admin		LVMD 2632 thru 2661	Design Started 08/09	\$975,916	\$7,263,238							\$384,807				
Right-of-way			LAS22K08	\$780,733												
Construction				\$6,977,798									\$6,878,431			
PROJECT: Las Vegas Wash - Grand Teton, Buffalo to Durango																
Design/Admin		LVMD 2711 thru 2763	Design Started 08/09	\$664,888	\$5,245,319								\$277,898			
Right-of-way			LAS22L08	\$531,909												
Construction				\$4,753,945									\$4,967,421			

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

EXHIBIT C

ADOPTED June 10, 2010

ADOPTED June 10, 2010					FIRST FIVE YEARS 7/2010 THRU 6/2015					SECOND FIVE YEARS 7/2015 THRU 6/2020							
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY10/11	(Year 2) FY 11/12	(Year 3) FY 12/13	(Year 4) FY 13/14	(Year 5) FY 14/15	(Year 6) FY 15/16	(Year 7) FY 16/17	(Year 8) FY 17/18	(Year 9) FY 18/19	(Year 10) FY 19/20			
TOTAL PLAN				Annual Resources	\$316,246,865	\$89,507,529	\$18,134,480	\$18,213,609	\$19,325,656	\$21,161,117	\$23,151,710	\$25,405,169	\$27,915,841	\$33,107,885	\$37,066,095		
Unencumbered from previous year		\$3,257,773	Cumulative Available Resources		\$317,495,508	\$14,924,207	\$8,795,966	\$15,308,878	\$942,493	\$5,064,406	\$15,691,274	\$7,090,818	\$12,765,327	\$28,631,366	(\$1,248,643)		
ENTITY RESOURCES				Annual Resources	\$79,626,333	\$43,003,778	\$2,925,699	\$2,939,210	\$3,129,091	\$3,442,495	\$3,782,387	\$4,167,163	\$4,595,858	\$5,482,396	\$6,158,257		
Unencumbered from previous year		\$27,992,779	Cumulative Available Resources			\$3,559,035	\$6,058,369	\$2,327,166	\$757,081	\$3,974,662	\$822,603	\$3,550,624	\$2,671,637	\$5,966,405	(\$8,606,327)		
ENTITY TOTAL				\$498,594,396	\$457,902,928	\$88,232,659	\$39,444,743	\$426,364	\$6,670,413	\$4,699,176	\$224,914	\$6,934,446	\$1,439,142	\$5,474,845	\$2,187,628	\$20,730,988	
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH				\$269,907,523	\$225,301,453	\$47,597,540	\$29,094,743	\$426,364	\$6,670,413	\$4,471,574	\$0	\$6,934,446	\$0	\$0	\$0	\$0	
SYSTEM: Lower Western Tributary				\$101,096,096	\$22,970,596	\$39,624,368	\$29,094,743	\$426,364	\$6,292,935	\$3,810,325	\$0	\$0	\$0	\$0	\$0	\$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	\$28,534,000	\$2,594,000											
	Right-of-way		NLV10H07	\$1,829,665													
	Construction			\$16,029,750		\$25,940,000											
	PROJECT: Las Vegas Wash - Las Vegas Boulevard to Cheyenne Avenue																
	Design/Admin	LVMD 1536, 1543, 1550; & LVNC 0001, 0004		\$843,159	\$6,808,948			\$268,404									
	Right-of-way			\$674,527		\$516,013											
	Construction			\$7,570,127				\$6,024,530									
	PROJECT: Colton Channel I-15 to Fifth Street																
	Design/Admin	LVCL 0000	Design Started 07/08	\$609,764	\$3,810,325				\$201,872								
	Right-of-way		NLV18A07	\$487,811													
	Construction			\$4,359,812				\$3,608,454									
	PROJECT: Brooks Channel																
	Design/Admin	LVBR 0000, 0014, 0026	Design Started 07/08	\$73,089	\$471,095		\$22,589										
	Right-of-way		NLV18B07	\$58,471		\$44,730											
Construction			\$522,585			\$403,775											
SYSTEM: LV Wash Craig				\$122,551,526	\$52,864,411	\$7,973,173	\$0	\$0	\$377,478	\$661,249	\$0	\$6,934,446	\$0	\$0	\$0	\$0	
	PROJECT: Ann Road Channel East, Las Vegas Wash to Fifth Street																
	Design/Admin	ANEA 0008 & 0040		\$790,534	\$7,973,173			\$377,478			\$294,067						
	Right-of-way			\$798,935				\$661,249									
	Construction			\$7,140,486					\$6,640,379								
HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH				\$75,173,771	\$17,315,363	\$3,547,485	\$0	\$0	\$0	\$0	\$224,914	\$0	\$0	\$3,322,572	\$0	\$0	
SYSTEM: Lower Las Vegas Wash				\$75,173,771	\$17,315,363	\$3,547,485	\$0	\$0	\$0	\$0	\$224,914	\$0	\$0	\$3,322,572	\$0	\$0	
	PROJECT: Las Vegas Wash at Flamingo Confluence																
	Design/Admin	LVMD 0883 & 0911		\$427,273	\$3,547,485					\$224,914				\$178,584			
	Right-of-way			\$341,818													
	Construction			\$3,008,874								\$3,143,988					
HYDROGRAPHIC BASIN: RANGE				\$153,513,102	\$215,286,112	\$37,087,634	\$10,350,000	\$0	\$0	\$227,602	\$0	\$0	\$1,439,142	\$2,152,273	\$2,187,628	\$20,730,988	
SYSTEM: Lower Range				\$78,320,739	\$34,332,276	\$17,612,959	\$10,200,000	\$0	\$0	\$0	\$227,602	\$0	\$0	\$427,657	\$604,422	\$0	\$6,153,278
	PROJECT: Orchard Detention Basin & Collectors to Charleston																
	Design/Admin	SLOR 0104 thru 0148	Design Started 00/01	\$285,680	\$10,200,000	\$830,000											
	Right-of-way		CLA21A00	\$375,303													
	Construction		Eng. Est.	\$3,051,701		\$9,370,000											
	PROJECT: Orchards Collector - Charleston to Linden																
	Design/Admin	SLOR 0158	Design Started 00/01	\$22,449	\$227,602				\$7,432								
	Right-of-way		CLA21A00	\$35,918													
	Construction			\$266,014				\$220,170									
	PROJECT: Owens Detention Basin & Outfall																
	Design/Admin	SLWA 0130 thru 0175; & SLOW 0000 thru 0005		\$723,059	\$7,185,357							\$427,657				\$339,565	
	Right-of-way			\$578,447								\$604,422					
	Construction			\$4,951,822										\$5,813,713			
SYSTEM: West Range				\$73,386,808	\$134,004,822	\$15,739,196	\$150,000	\$0	\$0	\$0	\$0	\$0	\$1,011,485	\$0	\$0	\$14,577,711	
	PROJECT: Vandenberg North Detention Basin, Collection & Outfall																
	Design/Admin	RWWE 0397 thru 0439		\$1,710,162	\$15,739,196						\$1,011,485					\$803,130	
	Right-of-way			\$1,368,132		\$150,000											
	Construction			\$11,732,480									\$13,774,581				
SYSTEM: East Range				\$1,805,555	\$46,949,014	\$3,735,479	\$0	\$0	\$0	\$0	\$0	\$0	\$1,547,851	\$2,187,628	\$0		
	PROJECT: Hollywood System																
	Design/Admin	RWHW 0173 thru 0277		\$2,468,886	\$3,735,479								\$1,547,851				
	Right-of-way			\$1,975,108									\$2,187,628				
	Construction			\$17,652,539													

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED June 10, 2010

ADOPTED June 10, 2010					FIRST FIVE YEARS 7/2010 THRU 6/2015					SECOND FIVE YEARS 7/2015 THRU 6/2020							
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY10/11	(Year 2) FY 11/12	(Year 3) FY 12/13	(Year 4) FY 13/14	(Year 5) FY 14/15	(Year 6) FY 15/16	(Year 7) FY 16/17	(Year 8) FY 17/18	(Year 9) FY 18/19	(Year 10) FY 19/20			
TOTAL PLAN					Annual Resources	\$316,246,865	\$89,507,529	\$18,134,480	\$18,213,609	\$19,325,656	\$21,161,117	\$23,151,710	\$25,405,169	\$27,915,841	\$33,107,885	\$37,066,095	
Unencumbered from previous year		\$3,257,773	Cumulative Available Resources		\$317,495,508	\$14,924,207	\$8,795,966	\$15,308,878	\$942,493	\$5,064,406	\$15,691,274	\$7,090,818	\$12,765,327	\$28,631,366	(\$1,248,643)		
ENTITY RESOURCES					Annual Resources	\$90,827,631	\$26,620,542	\$5,129,369	\$5,153,057	\$5,485,959	\$6,035,421	\$6,631,324	\$7,305,919	\$8,057,512	\$9,611,800	\$10,796,727	
Unencumbered from previous year		\$303,084	Cumulative Available Resources			\$8,019,633	\$3,335,983	\$8,401,405	\$687,364	\$904,810	\$6,395,956	\$1,601,875	\$4,320,239	\$3,619,259	\$2,115,874		
ENTITY TOTAL			\$1,214,885,885	\$738,334,801	\$88,711,756	\$18,600,909	\$9,813,019	\$87,635	\$13,200,000	\$5,817,975	\$1,140,179	\$12,100,000	\$5,339,147	\$10,312,780	\$12,300,112		
HYDROGRAPHIC BASIN: Tropicana/ Flamingo			\$827,922,279	\$237,488,333	\$35,432,605	\$13,128,853	\$0	\$0	\$0	\$0	\$0	\$0	\$1,377,278	\$10,312,780	\$10,613,694		
SYSTEM: Tropicana Flamingo Project			\$439,474,908	\$57,520,990	\$21,588,220	\$2,460,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,804,820	\$9,323,400		
	PROJECT: Flamingo Diversion - South Buffalo Branch, Flamingo Wash to Patrick																
	Design/Admin	FLSB 0010 & 0053	Desigh Started 08/09	\$1,088,805	\$9,804,820									\$797,140			
	Right-of-way		CLA26C08	\$871,044													
	Construction		Eng. Est.	\$7,784,955								\$9,007,680					
	PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral																
	Design/Admin	FLOQ 0000	Design Started 04/05	\$1,226,044	\$2,460,000	\$200,000											
	Right-of-way		CLA01B04	\$980,836													
	Construction		Eng. Est.	\$8,766,218		\$2,260,000											
	PROJECT: Flamingo Diversion - Rainbow Branch - Russell to Sunset																
	Design/Admin	FLRB 0050 thru 0062	Desigh Started 08/09	\$1,154,622	\$9,323,400											\$758,000	
	Right-of-way		CLA27C08	\$923,697													
	Construction		Eng. Est.	\$8,255,548									\$8,565,400				
	SYSTEM: Lower Flamingo			\$276,594,452	\$122,597,305	\$11,176,813	\$10,668,853	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$507,960	\$0	
		PROJECT: Tropicana Wash at Swenson															
		Design/Admin	TRWA 0019, 0034 & 0041	Desigh Started 07/08	\$232,158	\$10,429,017	\$847,888										
Right-of-way		CLA10D07		\$185,727													
Construction		Eng. Est.		\$1,659,938	\$9,581,129												
PROJECT: Flamingo Maryland Parkway																	
Design/Admin		FLMR 0000		\$764,356	\$507,960									\$507,960			
Right-of-way				\$611,485													
Construction				\$5,465,145													
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.																	
Design/Admin		FLWA 0893 & 0896	Design Started 09/10	\$41,525	\$239,836	\$12,707											
Right-of-way			CLA10F10	\$33,220													
Construction				\$296,901		\$227,129											
SYSTEM: Lower LV Wash Tributaries			\$22,192,092	\$49,965,079	\$2,667,572	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,377,278	\$0	\$1,290,294		
		PROJECT: Las Vegas Wash - Branch 01 (Tropicana Channel) - Boulder Highway to Mountain Vista															
		Design/Admin	LV01 0151		\$893,655	\$560,271								\$560,271			
	Right-of-way			\$714,924													
	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	\$817,007								\$817,007				
	Right-of-way			\$1,042,529													
	Construction			\$9,317,597													
	PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.																
	Design/Admin	LV02 0001 thru 0294		\$1,831,677	\$1,290,294										\$1,290,294		
	Right-of-way			\$1,465,341													
	Construction			\$12,817,431													

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED June 10, 2010

ADOPTED June 10, 2010					FIRST FIVE YEARS 7/2010 THRU 6/2015					SECOND FIVE YEARS 7/2015 THRU 6/2020											
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY10/11	(Year 2) FY 11/12	(Year 3) FY 12/13	(Year 4) FY 13/14	(Year 5) FY 14/15	(Year 6) FY 15/16	(Year 7) FY 16/17	(Year 8) FY 17/18	(Year 9) FY 18/19	(Year 10) FY 19/20							
TOTAL PLAN					Annual Resources	\$316,246,865	\$89,507,529	\$18,134,480	\$18,213,609	\$19,325,656	\$21,161,117	\$23,151,710	\$25,405,169	\$27,915,841	\$33,107,885	\$37,066,095					
Unencumbered from previous year					\$3,257,773	Cumulative Available Resources					\$317,495,508	\$14,924,207	\$8,795,966	\$15,308,878	\$942,493	\$5,064,406	\$15,691,274	\$7,090,818	\$12,765,327	\$28,631,366	(\$1,248,643)
ENTITY RESOURCES					Annual Resources	\$90,827,631	\$26,620,542	\$5,129,369	\$5,153,057	\$5,485,959	\$6,035,421	\$6,631,324	\$7,305,919	\$8,057,512	\$9,611,800	\$10,796,727					
Unencumbered from previous year					\$303,084	Cumulative Available Resources					\$8,019,633	\$3,335,983	\$8,401,405	\$687,364	\$904,810	\$6,395,956	\$1,601,875	\$4,320,239	\$3,619,259	\$2,115,874	
ENTITY TOTAL					\$1,214,885,885	\$738,334,801	\$88,711,756	\$18,600,909	\$9,813,019	\$87,635	\$13,200,000	\$5,817,975	\$1,140,179	\$12,100,000	\$5,339,147	\$10,312,780	\$12,300,112				
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond					\$324,933,694	\$317,473,688	\$15,373,972	\$3,323,300	\$9,662,015	\$0	\$0	\$702,239	\$0	\$0	\$0	\$0	\$1,686,418				
SYSTEM: Blue Diamond Tributaries					\$40,999,871	\$84,772,428	\$10,833,113	\$0	\$9,146,695	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,686,418				
	PROJECT: Blue Diamond Wash - Arville to I-15																				
	Design/Admin	BDWA 0276		\$651,174	\$458,709											\$458,709					
	Right-of-way			\$520,939																	
	Construction			\$4,655,895																	
	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	\$460,315											\$460,315					
	Right-of-way			\$522,764																	
	Construction			\$4,672,206																	
	PROJECT: Blue Diamond Channel, Amigo to Rancho Destino																				
	Design/Admin	BDWA 0087 thru 0174		\$1,089,378	\$767,394											\$767,394					
	Right-of-way			\$871,503																	
	Construction			\$7,789,055																	
SYSTEM: Upper Duck Creek					\$69,101,764	\$116,698,799	\$3,282,752	\$3,282,752	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0					
	PROJECT: Upper Duck Creek Detention Basin																				
	Design/Admin	DCW4 0942	Resolution 07-7		\$3,000,000																
	Right-of-way																				
	Construction					\$3,000,000															
	PROJECT: Blue Diamond Wash Railroad																				
	Design/Admin	BDW5 0026		\$462,014	\$282,752																
	Right-of-way			\$369,611		\$282,752															
	Construction			\$3,303,403																	
SYSTEM: Lower Duck Creek					\$147,986,581	\$39,415,933	\$1,258,107	\$40,547	\$515,321	\$0	\$0	\$702,239	\$0	\$0	\$0	\$0	\$0				
	PROJECT: Duck Creek at Sunset																				
	Design/Admin	DCWA 0648		\$88,338	\$555,868	\$40,547	\$27,302														
	Right-of-way			\$70,670																	
	Construction			\$631,617			\$488,019														
	PROJECT: Duck Creek, Robindale to I-215																				
	Design/Admin	DCWA 0967	Dsign Started 09/10	\$126,938	\$702,239					\$57,093											
	Right-of-way		CLA14U09	\$101,551																	
	Construction		Eng. Est.	\$907,608					\$645,146												

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED June 10, 2010

ADOPTED June 10, 2010					FIRST FIVE YEARS 7/2010 THRU 6/2015					SECOND FIVE YEARS 7/2015 THRU 6/2020							
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY10/11	(Year 2) FY 11/12	(Year 3) FY 12/13	(Year 4) FY 13/14	(Year 5) FY 14/15	(Year 6) FY 15/16	(Year 7) FY 16/17	(Year 8) FY 17/18	(Year 9) FY 18/19	(Year 10) FY 19/20		
TOTAL PLAN					Annual Resources	\$316,246,865	\$89,507,529	\$18,134,480	\$18,213,609	\$19,325,656	\$21,161,117	\$23,151,710	\$25,405,169	\$27,915,841	\$33,107,885	\$37,066,095	
Unencumbered from previous year		\$3,257,773	Cumulative Available Resources		\$317,495,508	\$14,924,207	\$8,795,966	\$15,308,878	\$942,493	\$5,064,406	\$15,691,274	\$7,090,818	\$12,765,327	\$28,631,366	(\$1,248,643)		
ENTITY RESOURCES					Annual Resources	\$90,827,631	\$26,620,542	\$5,129,369	\$5,153,057	\$5,485,959	\$6,035,421	\$6,631,324	\$7,305,919	\$8,057,512	\$9,611,800	\$10,796,727	
Unencumbered from previous year		\$303,084	Cumulative Available Resources			\$8,019,633	\$3,335,983	\$8,401,405	\$687,364	\$904,810	\$6,395,956	\$1,601,875	\$4,320,239	\$3,619,259	\$2,115,874		
ENTITY TOTAL			\$1,214,885,885	\$738,334,801	\$88,711,756	\$18,600,909	\$9,813,019	\$87,635	\$13,200,000	\$5,817,975	\$1,140,179	\$12,100,000	\$5,339,147	\$10,312,780	\$12,300,112		
HYDROGRAPHIC BASIN: Outlying Areas			\$62,029,912	\$183,372,780	\$37,905,179	\$2,148,757	\$151,004	\$87,635	\$13,200,000	\$5,115,736	\$1,140,179	\$12,100,000	\$3,961,870	\$0	\$0		
SYSTEM: Goodsprings			\$152,707	\$3,471,538	\$359,685	\$359,685	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
PROJECT: Goodsprings - Phase I																	
Design/Admin		GSEA 0000	Design Started 09/10	\$62,275	\$359,685	\$19,056											
Right-of-way		GSPA 0027 & 0029	GSP01B10	\$27,500													
Construction		GSRV 0019		\$445,266		\$340,628											
SYSTEM: Muddy River & Tributaries			\$5,828,000	\$94,750,413	\$28,316,886	\$1,789,072	\$0	\$87,635	\$13,200,000	\$0	\$1,140,179	\$12,100,000	\$0	\$0	\$0		
PROJECT: Fairgrounds - Whipple Detention Basin																	
Design/Admin		FGWS 0164 thru 0166		\$173,010	\$1,227,814			\$87,635			\$68,270						
Right-of-way				\$0													
Construction				\$1,086,574							\$1,071,909						
PROJECT: Muddy River Logandale Levee																	
Design/Admin		MRLL 0000, 0013, 0038	Design Started 09/10	\$348,556	\$1,789,072	\$113,143											
Right-of-way			MOA01F10	\$0													
Construction				\$2,065,193		\$1,675,929											
PROJECT: Cooper Avenue Bridge																	
Design/Admin		MRLV 0375	MOA01B89	\$289,000	\$13,200,000				\$1,200,000								
Right-of-way				\$0													
Construction			Eng. Est.	\$1,900,175					\$12,000,000								
PROJECT: Ramos Ranch to Bryner Avenue																	
Design/Admin		MRLV 0350, 0357, 0377 & 0388	MOA01B89	\$1,079,880	\$12,100,000							\$1,100,000					
Right-of-way				\$3,000,900													
Construction			Eng. Est.	\$7,312,211								\$11,000,000					
SYSTEM: Mount Charleston			\$671,995	\$1,156,969	\$1,193,463	\$0	\$0	\$0	\$0	\$80,933	\$0	\$0	\$1,112,530	\$0	\$0		
PROJECT: Rainbow Canyon Boulevard Bridge																	
Design/Admin		MTCH 0001		\$153,750	\$1,193,463					\$80,933			\$64,262				
Right-of-way				\$0													
Construction				\$1,003,219									\$1,048,269				
SYSTEM: Laughlin			\$42,945,107	\$76,323,693	\$3,909,153	\$0	\$0	\$0	\$0	\$1,059,814	\$0	\$0	\$2,849,339	\$0	\$0		
PROJECT: Bridge Canyon Detention Basin																	
Design/Admin		LUHS 0415 thru 0417		\$1,436,078	\$900,339								\$900,339				
Right-of-way				\$0													
Construction				\$9,015,784													
PROJECT: Hiko Detention Basin Expansion																	
Design/Admin		LUHS 0244		\$250,067	\$1,875,783					\$131,634			\$104,519				
Right-of-way				\$0													
Construction				\$1,569,167								\$1,639,631					
PROJECT: Bridge Canyon Outfall																	
Design/Admin		LUHS 0315 thru 0317		\$326,746	\$204,851								\$204,851				
Right-of-way				\$0													
Construction				\$2,436,238													
PROJECT: SR 163 at Casino Drive																	
Design/Admin		LUBC 0000 thru 0031	Desigh Started 08/09	\$126,883	\$928,180					\$44,527							
Right-of-way			LAU04A08	\$31,728													
Construction				\$1,007,216							\$883,653						
SYSTEM: Searchlight			\$1,811,885	\$4,171,842	\$1,486,552	\$0	\$0	\$0	\$0	\$1,486,552	\$0	\$0	\$0	\$0	\$0		
PROJECT: Searchlight - South, Encinitas St. Storm Drain																	
Design/Admin		SRSO 0000 thru 0030	Design Started 09/10	\$224,426	\$1,486,552					\$78,758							
Right-of-way			SEA03A09	\$0													
Construction				\$1,604,649							\$1,407,795						
SYSTEM: Bunkerville			\$10,620,218	\$3,498,325	\$2,639,441	\$0	\$151,004	\$0	\$0	\$2,488,437	\$0	\$0	\$0	\$0	\$0		
PROJECT: Windmill Wash Detention Basin Expansion																	
Design/Admin		WIWA 0039		\$316,240	\$2,639,441		\$151,004			\$117,636							
Right-of-way				\$0													
Construction				\$2,549,352							\$2,370,800						

EXHIBIT C

CITY OF BOULDER CITY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED June 10, 2010

ADOPTED June 10, 2010					FIRST FIVE YEARS 7/2010 THRU 6/2015					SECOND FIVE YEARS 7/2015 THRU 6/2020					
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY10/11	(Year 2) FY 11/12	(Year 3) FY 12/13	(Year 4) FY 13/14	(Year 5) FY 14/15	(Year 6) FY 15/16	(Year 7) FY 16/17	(Year 8) FY 17/18	(Year 9) FY 18/19	(Year 10) FY 19/20	
TOTAL PLAN				Annual Resources	\$316,246,865	\$89,507,529	\$18,134,480	\$18,213,609	\$19,325,656	\$21,161,117	\$23,151,710	\$25,405,169	\$27,915,841	\$33,107,885	\$37,066,095
Unencumbered from previous year		\$3,257,773	Cumulative Available Resources	\$317,495,508	\$14,924,207	\$8,795,966	\$15,308,878	\$942,493	\$5,064,406	\$15,691,274	\$7,090,818	\$12,765,327	\$28,631,366	\$1,248,643	
ENTITY RESOURCES				Annual Resources	\$6,158,546	\$6,158,546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unencumbered from previous year		\$7,193,706	Cumulative Available Resources		\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	\$1,250,000	
ENTITY TOTAL		\$44,864,000	\$30,659,000	\$4,908,546	\$4,908,546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
HYDROGRAPHIC BASIN: Boulder City		\$44,864,000	\$30,659,000	\$4,908,546	\$4,908,546	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
SYSTEM: Georgia/Buchanan		\$12,724,000	\$2,695,000	\$1,599,921	\$1,599,921	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: Buchanan Blvd., Phase III Improvements														
	Design/Admin	GBAP 0001, GBGR 0001 & GBBC 0110, 0149 & 0153	Design Started 09/10	\$311,000	\$1,599,921	\$95,166									
	Right-of-way			\$0											
	Construction			\$1,967,000											
SYSTEM: Hemenway		\$16,609,000	\$1,364,000	\$959,310	\$959,310	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: Hemenway System, Phase II Improvements														
	Design/Admin	HMLV 0006 & 0019 HMTN 0034, HMLM 0066 & 0085, HMWA 0005, 0105, 0158, 0173, 0175, & 0182	Design Started 09/10	\$180,000	\$959,310	\$55,080									
	Right-of-way			\$0											
	Construction			\$1,182,000		\$904,230									
SYSTEM: North Railroad		\$6,184,000	\$5,119,000	\$2,349,315	\$2,349,315	\$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	\$138,618	\$5,508									
	Right-of-way			\$0											
	Construction			\$174,000		\$133,110									
	PROJECT: North Railroad Conveyance														
	Design/Admin	NRRR 0000 thru 0106 & NRIN 0031	Design Started 09/10	\$417,000	\$2,210,697	\$127,602									
	Right-of-way			\$0											
Construction			\$2,723,000	\$2,083,095											

EXHIBIT C

CITY OF MESQUITE
10-YEAR CONSTRUCTION PROGRAM

ADOPTED June 10, 2010

ADOPTED June 10, 2010					FIRST FIVE YEARS 7/2010 THRU 6/2015					SECOND FIVE YEARS 7/2015 THRU 6/2020						
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY10/11	(Year 2) FY 11/12	(Year 3) FY 12/13	(Year 4) FY 13/14	(Year 5) FY 14/15	(Year 6) FY 15/16	(Year 7) FY 16/17	(Year 8) FY 17/18	(Year 9) FY 18/19	(Year 10) FY 19/20		
TOTAL PLAN				Annual Resources	\$316,246,865	\$89,507,529	\$18,134,480	\$18,213,609	\$19,325,656	\$21,161,117	\$23,151,710	\$25,405,169	\$27,915,841	\$33,107,885	\$37,066,095	
Unencumbered from previous year		\$3,257,773	Cumulative Available Resources	\$317,495,508	\$14,924,207	\$8,795,966	\$15,308,878	\$942,493	\$5,064,406	\$15,691,274	\$7,090,818	\$12,765,327	\$28,631,366	(\$1,248,643)		
ENTITY RESOURCES				Annual Resources	\$2,850,485	(\$6,149,515)	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	
Unencumbered from previous year		(\$8,779,641)	Cumulative Available Resources		(\$6,149,515)	(\$5,149,515)	(\$4,149,515)	(\$3,149,515)	(\$2,149,515)	(\$1,149,515)	(\$149,515)	\$850,485	\$1,850,485	\$2,850,485		
ENTITY TOTAL				\$60,450,405	\$61,440,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	HYDROGRAPHIC BASIN: Mesquite		\$60,450,405	\$61,440,746	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	SYSTEM: Town Wash		\$23,669,848	\$12,677,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		PROJECT: Phase II Bank Protection, I-15 to Virgin River														
		Design/Admin	TOWA 0000 thru 0119	MES01C02	\$1,214,000	\$0										
		Right-of-way		\$0												
		Construction		\$10,140,000												
	SYSTEM: Abbott Wash		\$28,468,917	\$2,193,391	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
		PROJECT: Pioneer to Virgin River														
		Design/Admin	ABWA 0000 thru 0138		\$0	\$0										
		Right-of-way		\$0												
Construction		\$0														

EXHIBIT D

EXHIBIT D

FISCAL YEAR 2010 - 2011

PROJECT LIST

	Facility ID Mile Range	(Year 1) FY 10/11	(Year 2) FY 11/12	(Year 3) FY 12/13
CITY OF HENDERSON	TOTAL ELIGIBLE YEAR 1	\$18,566,941		
	ENTITY TOTAL	\$7,909,173	\$8,395,056	\$2,262,713
HYDROGRAPHIC BASIN: PITTMAN		\$1,332,687	\$7,833,410	\$2,262,713
SYSTEM: Pittman Burns		\$0	\$4,305,189	\$2,262,713
PROJECT: Pittman West Horizon - Palm Hills				
Design/Admin	PTWH 0032			\$36,702
Construction				\$729,461
PROJECT: Sunset to Galleria				
Design/Admin	PTSU 0000 thru 0034		\$192,913	
Construction			\$3,448,315	
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road				
Design/Admin	PTHR 0104, 0139, 0150 & 0203 thru 0205			\$80,079
Construction				\$1,416,469
PROJECT: Pioneer Detention Basin Expansion and Inflow				
Design/Admin	PTVW 0186 & PTIS 0000		\$35,057	
Construction			\$628,904	
SYSTEM: Pittman Beltway		\$0	\$700,345	\$0
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights				
Design/Admin	PTAP 0018		\$37,105	
Construction			\$663,240	
SYSTEM: Lower Pittman		\$1,332,687	\$2,827,877	\$0
PROJECT: Pittman Railroad East Conveyance				
4th Supplement Construction	PTRE 0000 thru 0032	\$1,000,000		
PROJECT: Whitney Wash Channel				
Design/Admin	WWDC 0069	\$17,626		
Construction		\$315,061		
PROJECT: Pittman Wash - UPRR to Santiago				
Design/Admin	PTWA 0056 & 0092		\$153,757	
Construction			\$2,674,119	
HYDROGRAPHIC BASIN: C-1		\$6,576,486	\$561,645	\$0
SYSTEM: C-1		\$6,576,486	\$561,645	\$0
PROJECT: C-1 Channel Lake Mead - C-1 to Shoshone				
Construction	C1LM 0000	\$3,870,658		
PROJECT: Equestrian Detention Basin Expansion				
Design/Admin	C1EQ 0160		\$33,657	
Construction			\$527,989	
PROJECT: Equestrian Tributary, Phase II				
Design/Admin	C1E1 0044	\$153,160		
Construction		\$2,552,668		
CITY OF LAS VEGAS	TOTAL ELIGIBLE YEAR 1	\$15,285,942		
	ENTITY TOTAL	\$6,977,724	\$5,628,282	\$2,679,936
HYDROGRAPHIC BASIN: CENTRAL		\$6,977,724	\$5,628,282	\$2,200,000
SYSTEM: LV Wash I-15 Tributary		\$6,977,724	\$0	\$0
PROJECT: Owens Avenue System - Rancho to Shadow Mountain				
Design/Admin	LVOW 0241 & 0351	\$189,870		
Construction		\$6,787,854		
SYSTEM: LV Wash Central		\$0	\$5,628,282	\$2,200,000
PROJECT: Las Vegas Creek Channel Parallel System				
Resolution 05-1 Construction	LCCH 0051 thru 0512 & 0518 thru 0543		\$5,628,282	
PROJECT: Langtry Channel - Bonanza to Washington				
Design/Admin	LCLT 0006			\$200,000
Construction				\$2,000,000
HYDROGRAPHIC BASIN: GOWAN		\$0	\$0	\$479,936
SYSTEM: Gowan North		\$0	\$0	\$479,936
PROJECT: Angel Park North - Detention Basin				
Design/Admin	APNO 0001			\$28,760
Construction				\$451,176

EXHIBIT D

FISCAL YEAR 2010 - 2011

PROJECT LIST

Facility ID Mile Range		(Year 1) FY 10/11	(Year 2) FY 11/12	(Year 3) FY 12/13
CITY OF NORTH LAS VEGAS		TOTAL ELIGIBLE YEAR 1		
		\$46,164,042		
ENTITY TOTAL		\$39,444,743	\$426,364	\$6,292,935
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH		\$29,094,743	\$426,364	\$6,292,935
SYSTEM: Lower Western Tributary		\$29,094,743	\$426,364	\$6,292,935
PROJECT: Las Vegas Wash - Lake Mead Blvd. to Las Vegas Blvd.				
Design/Admin	LVMD 1421, 1424, 1444, 1484 & 1522	\$2,594,000		
Construction		\$25,940,000		
PROJECT: Las Vegas Wash - Las Vegas Boulevard to Cheyenne Avenue				
Design/Admin	LVMD 1536, 1543, 1550; & LVNC 0001, 0004			\$268,404
Right-of-way		\$516,013		
Construction				\$6,024,530
PROJECT: Brooks Channel				
Design/Admin	LVBR 0000, 0014, 0026		\$22,589	
Right-of-way		\$44,730		
Construction			\$403,775	
HYDROGRAPHIC BASIN: RANGE		\$10,350,000	\$0	\$0
SYSTEM: Lower Range		\$10,200,000	\$0	\$0
PROJECT: Orchard Detention Basin & Collectors to Charleston				
Design/Admin	SLOR 0104 thru 0148	\$830,000		
Construction		\$9,370,000		
SYSTEM: West Range		\$150,000	\$0	\$0
PROJECT: Vandenberg North Detention Basin, Collection & Outfall				
Right-of-way	RWWE 0397 thru 0439	\$150,000		

EXHIBIT D

FISCAL YEAR 2010 - 2011

PROJECT LIST

	Facility ID Mile Range	(Year 1) FY 10/11	(Year 2) FY 11/12	(Year 3) FY 12/13
CLARK COUNTY	TOTAL ELIGIBLE YEAR 1	\$28,262,924		
	ENTITY TOTAL	\$18,600,909	\$515,321	\$9,146,695
HYDROGRAPHIC BASIN: Tropicana/ Flamingo		\$13,128,853	\$0	\$0
SYSTEM: Tropicana Flamingo Project		\$2,460,000	\$0	\$0
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral				
	Design/Admin	FLOQ 0000	\$200,000	
	Construction		\$2,260,000	
SYSTEM: Lower Flamingo		\$10,668,853	\$0	\$0
PROJECT: Tropicana Wash at Swenson				
	Design/Admin	TRWA 0019, 0034 & 0041	\$847,888	
	Construction		\$9,581,129	
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.				
	Design/Admin	FLWA 0893 & 0896	\$12,707	
	Construction		\$227,129	
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond		\$3,323,300	\$515,321	\$9,146,695
SYSTEM: Blue Diamond Tributaries		\$0	\$0	\$9,146,695
PROJECT: Lower Blue Diamond DB Collector Channel				
	Resolution 04-4 Construction	BDWA 0477 thru 0613		\$9,146,695
SYSTEM: Upper Duck Creek		\$3,282,752	\$0	\$0
PROJECT: Upper Duck Creek Detention Basin				
	Resolution 07-7 Construction	DCW4 0942	\$3,000,000	
PROJECT: Blue Diamond Wash Railroad				
	Right-of-way	BDW5 0026	\$282,752	
SYSTEM: Lower Duck Creek		\$40,547	\$515,321	\$0
PROJECT: Duck Creek at Sunset				
	Design/Admin	DCWA 0648	\$40,547	\$27,302
	Construction		\$488,019	
HYDROGRAPHIC BASIN: Outlying Areas		\$2,148,757	\$0	\$0
SYSTEM: Goodsprings		\$359,685	\$0	\$0
PROJECT: Goodsprings - Phase I				
	Design/Admin	GSEA 0000, GSPA 0027 & 0029, GSRV 0019	\$19,056	
	Construction		\$340,628	
SYSTEM: Muddy River & Tributaries		\$1,789,072	\$0	\$0
PROJECT: Muddy River Logandale Levee				
	Design/Admin	MRLL 0000, 0013, 0038	\$113,143	
	Construction		\$1,675,929	

EXHIBIT D

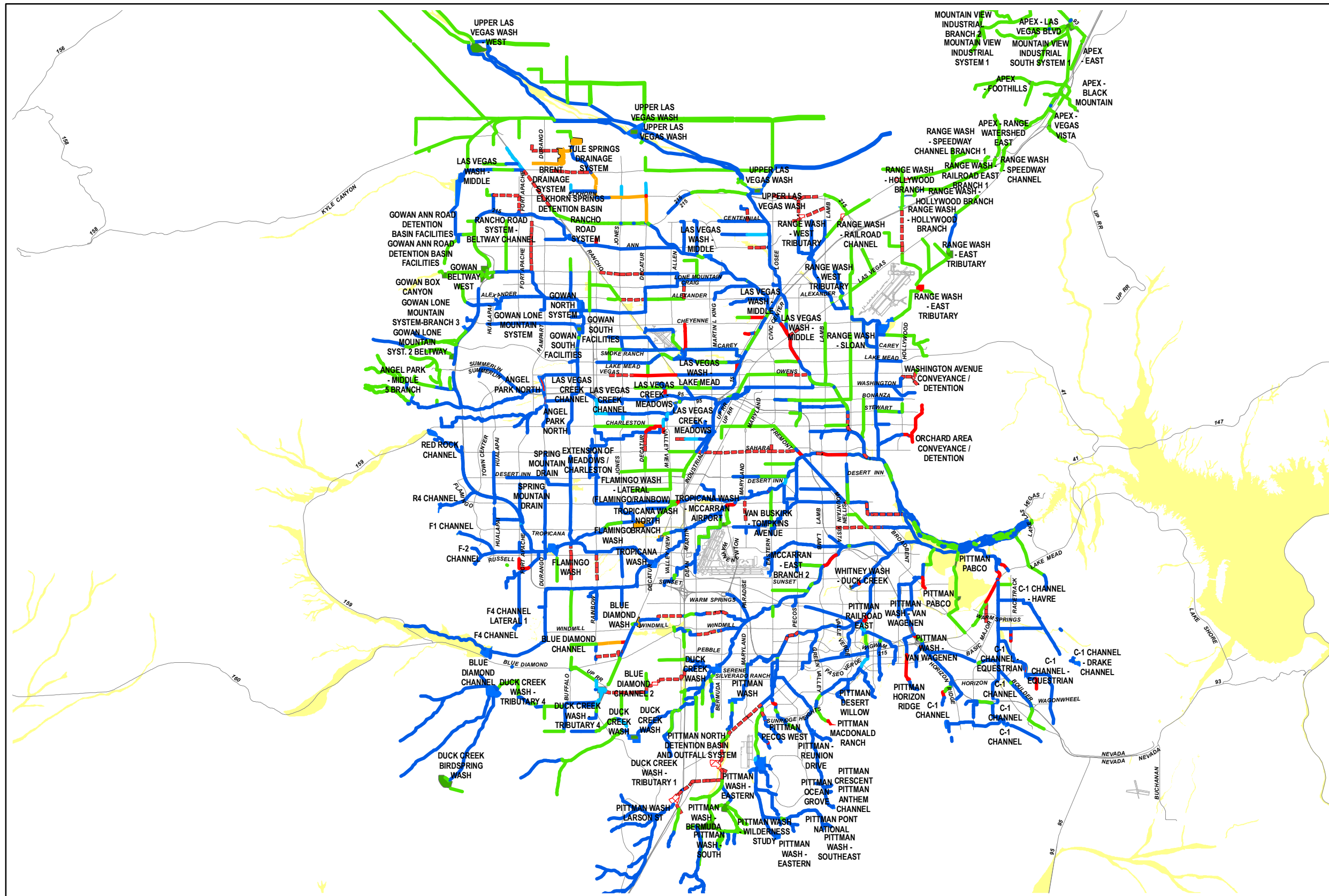
FISCAL YEAR 2010 - 2011

PROJECT LIST

Facility ID Mile Range		(Year 1) FY 10/11	(Year 2) FY 11/12	(Year 3) FY 12/13
CITY OF BOULDER CITY		TOTAL ELIGIBLE YEAR 1		
		\$4,908,546		
ENTITY TOTAL		\$4,908,546	\$0	\$0
HYDROGRAPHIC BASIN: Boulder City		\$4,908,546	\$0	\$0
SYSTEM: Georgia/Buchanan		\$1,599,921	\$0	\$0
PROJECT: Buchanan Blvd., Phase III Improvements				
Design/Admin	GBAP 0001, GBGR 0001	\$95,166		
Construction	& GBBC 0110, 0149 & 0153	\$1,504,755		
SYSTEM: Hemenway		\$959,310	\$0	\$0
PROJECT: Hemenway System, Phase II Improvements				
Design/Admin	HMLV 0006 & 0019, HMTH 0034,	\$55,080		
Construction	HMLM 0066 & 0085, HMWA 0005, 0105, 0158, 0173, 0175, & 0182	\$904,230		
SYSTEM: North Railroad		\$2,349,315	\$0	\$0
PROJECT: Bootleg Canyon Detention Basin & Collection				
Design/Admin	NRBL 0094, 0095, & 0100	\$5,508		
Construction		\$133,110		
PROJECT: North Railroad Conveyance				
Design/Admin	NRRR 0000 thru 0106	\$127,602		
Construction	& NRIN 0031	\$2,083,095		

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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NO LIABILITY IS ASSUMED FOR THE
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HEREON.

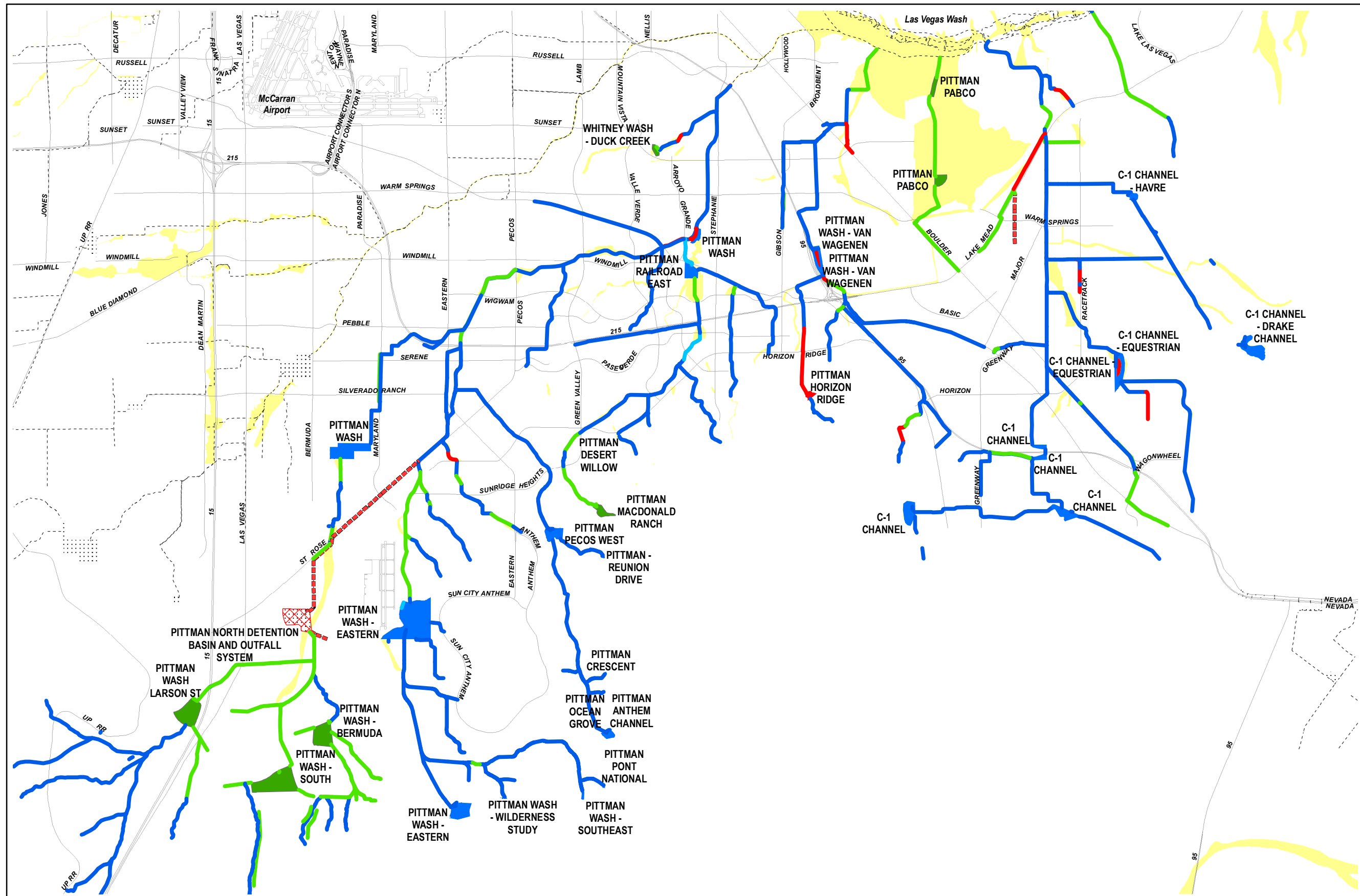
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

June 2010



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

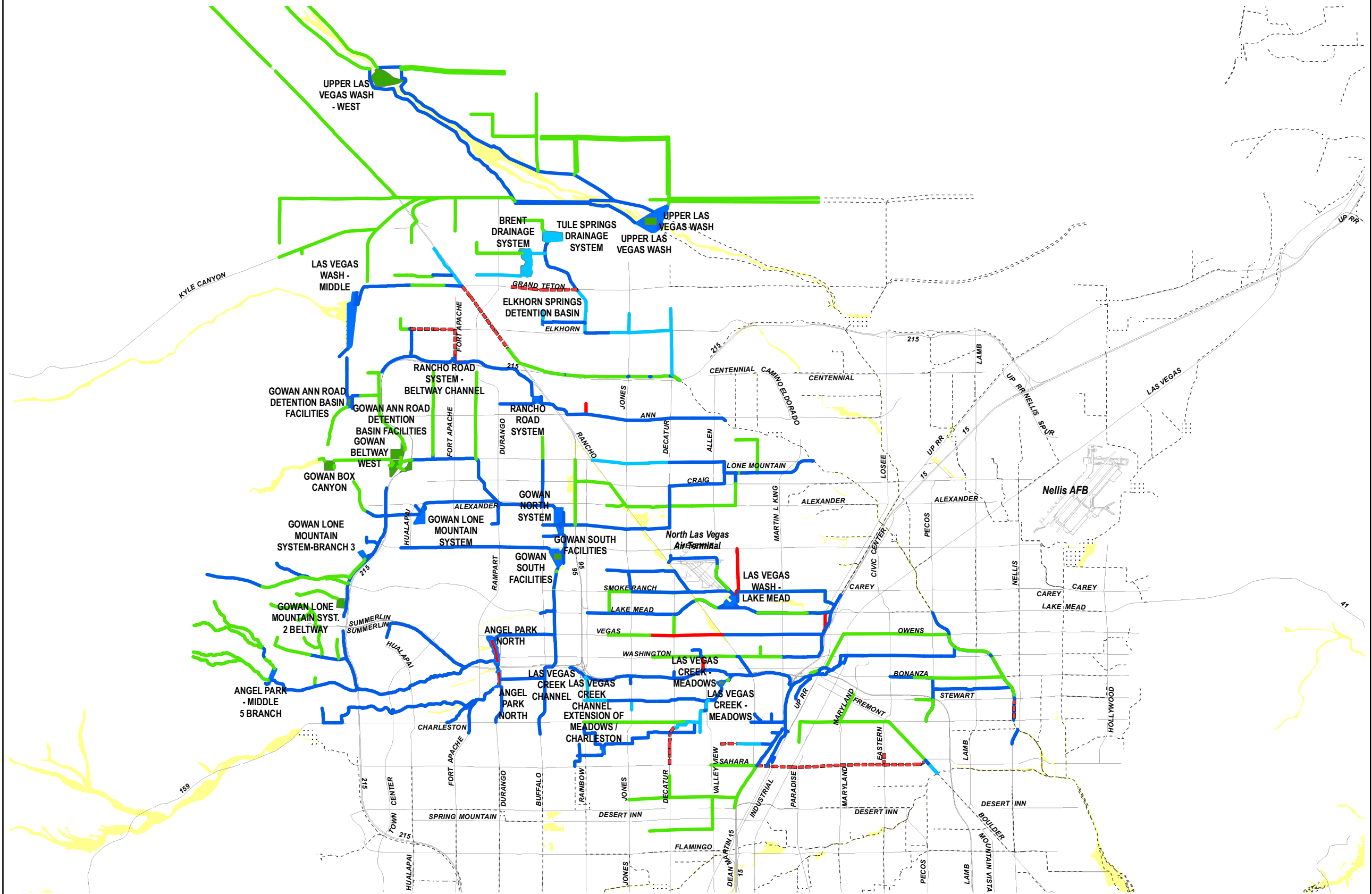
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May 2010



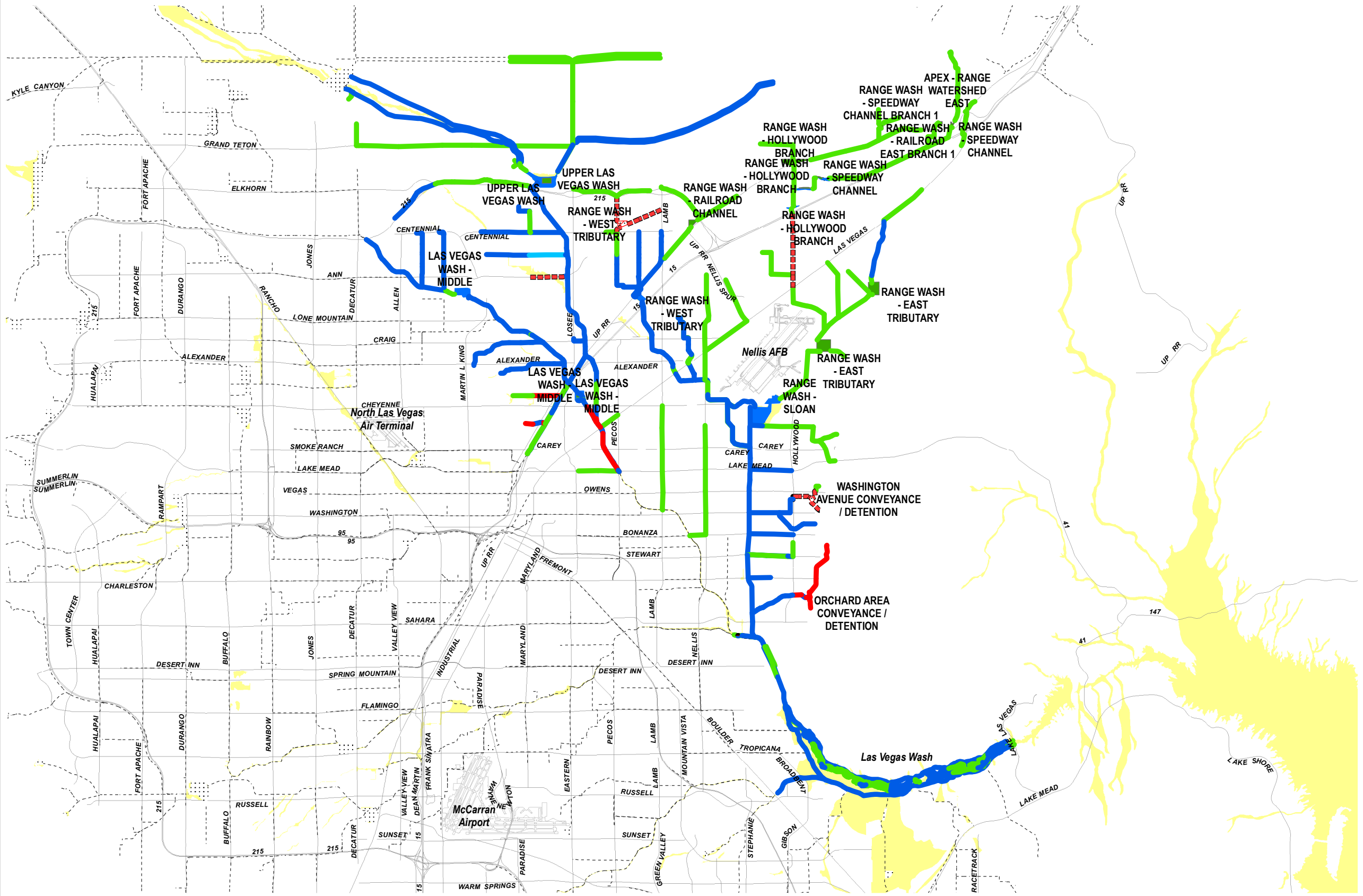
TEN-YEAR CONSTRUCTION PROGRAM

GOWAN, CENTRAL AND UPPER NORTH BASINS PLANNING AREA



TEN-YEAR CONSTRUCTION PROGRAM

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



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone

1 inch = 2.37 miles

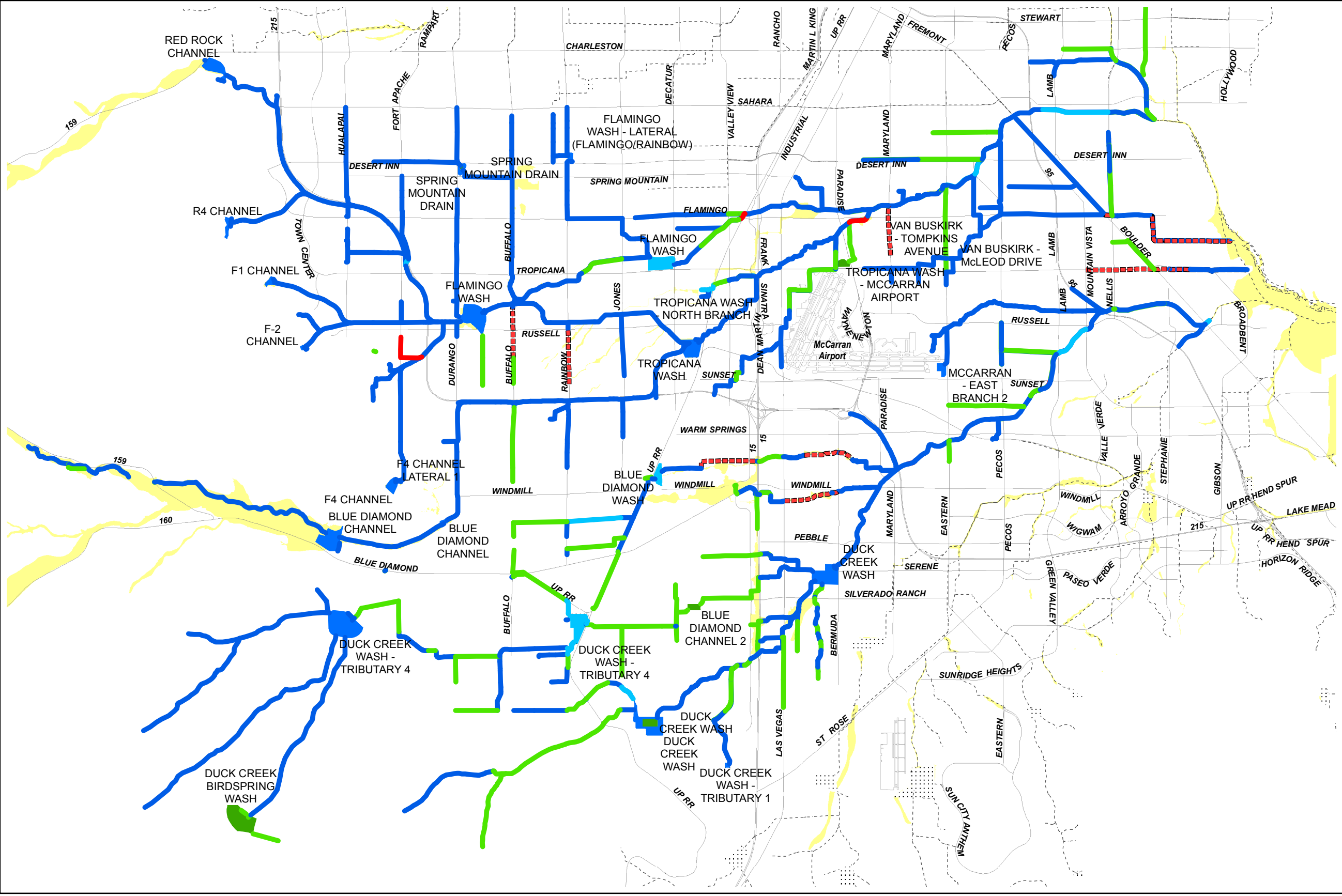
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DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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TEN-YEAR CONSTRUCTION PROGRAM

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



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone

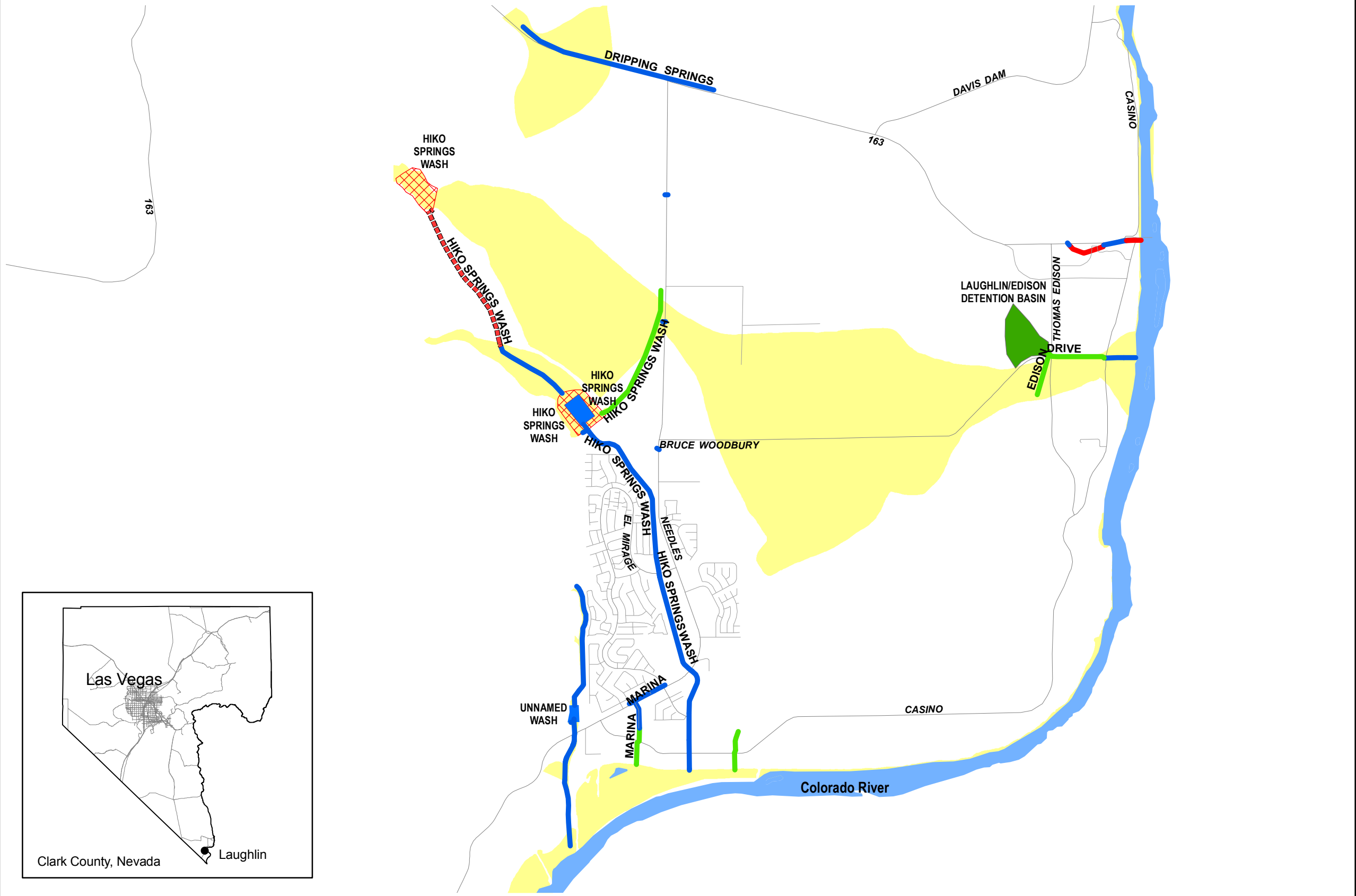
1 inch = 1.82 miles

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

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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DATA SOURCES:
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FEMA

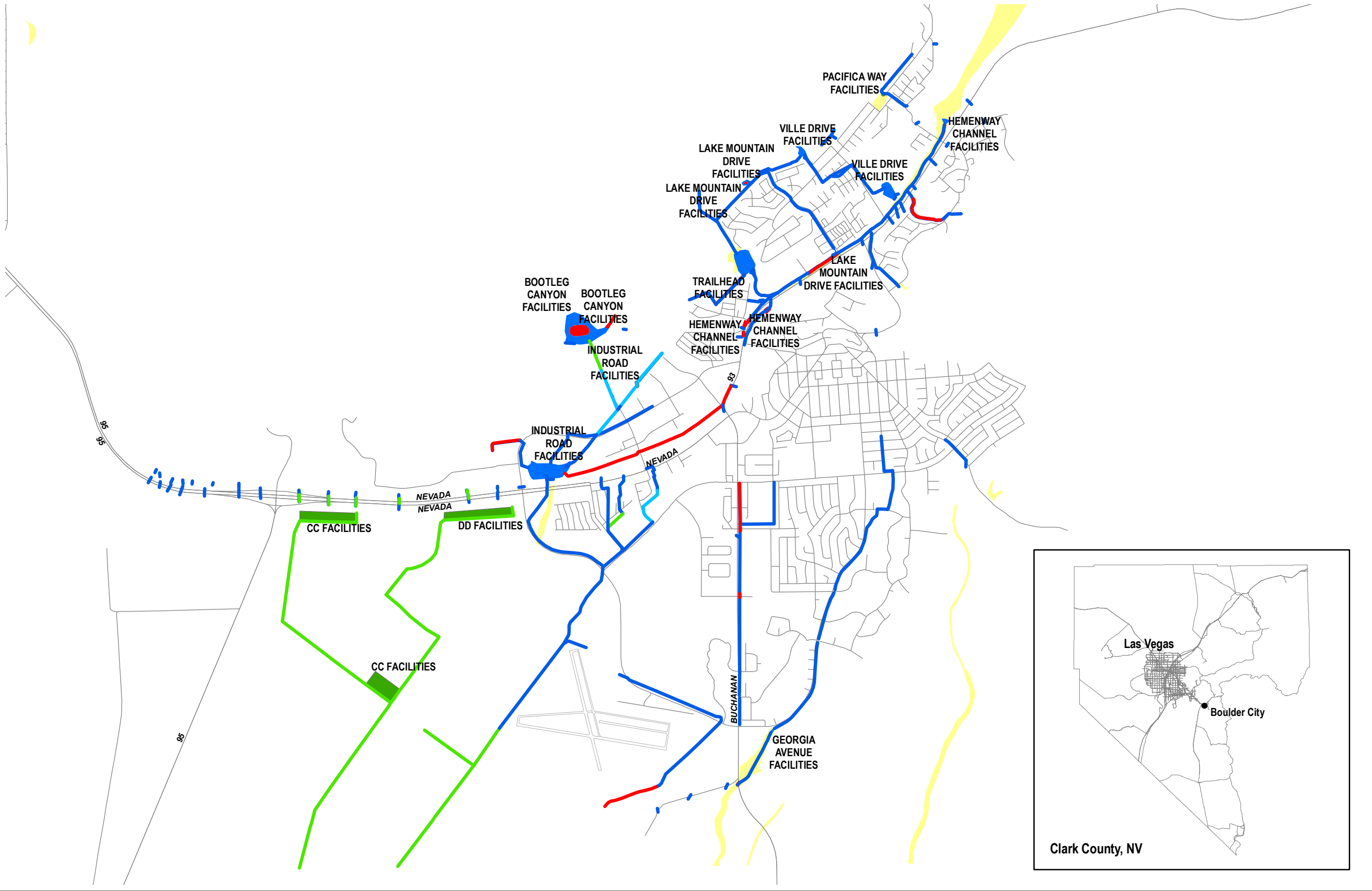
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May 2010



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

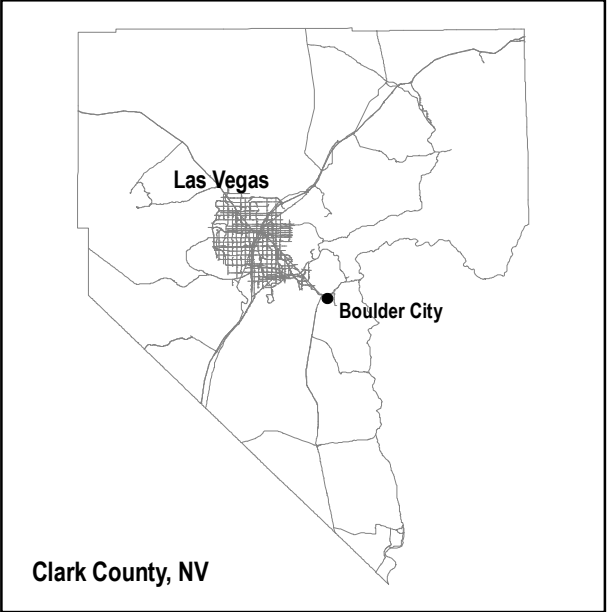
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DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

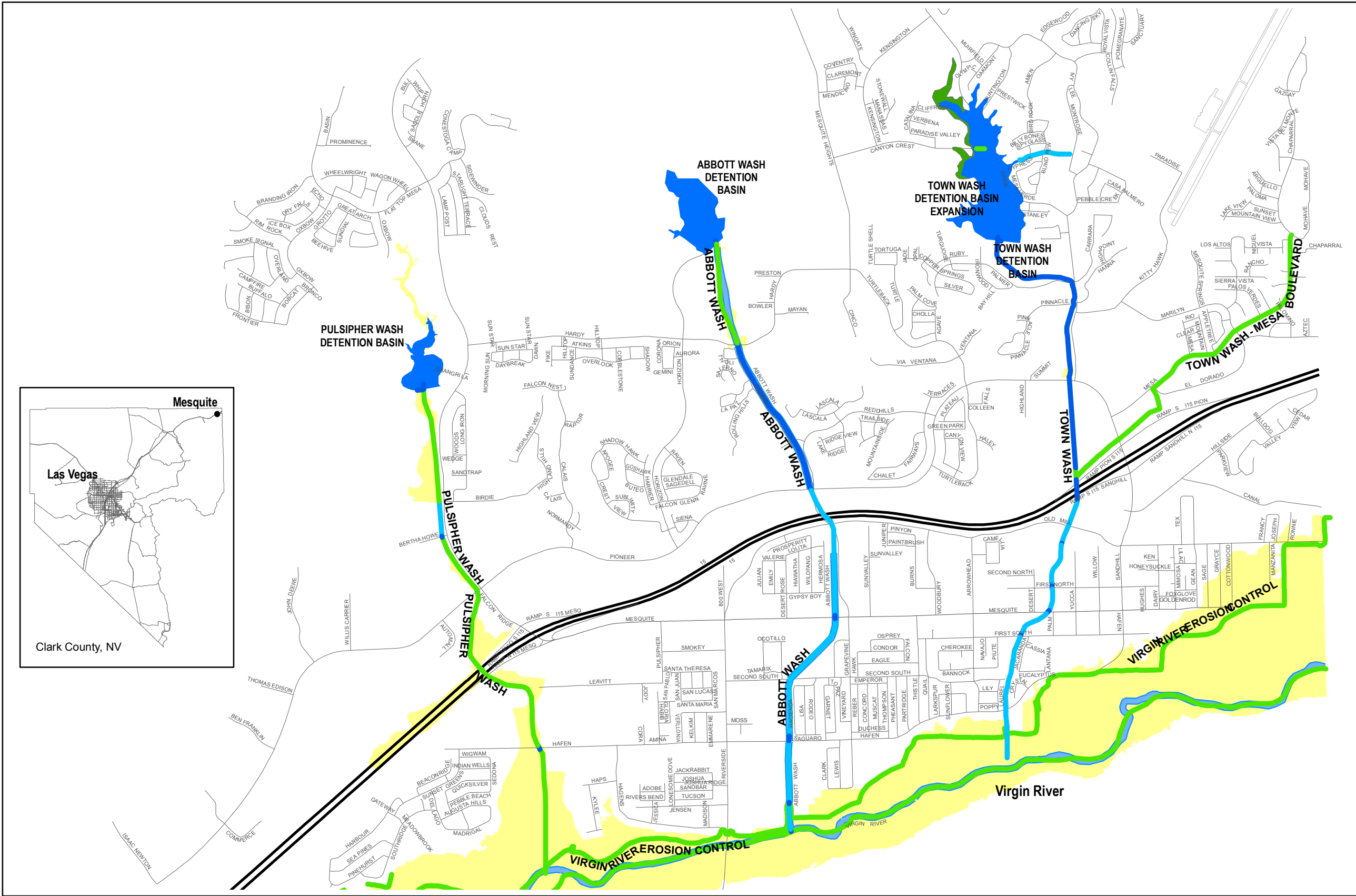
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May 2010

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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