

TEN-YEAR CONSTRUCTION PROGRAM

REGIONAL FLOOD CONTROL DISTRICT



**FISCAL YEAR 2014
THROUGH
FISCAL YEAR 2023**

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

**ADOPTED
JUNE 13, 2013**

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

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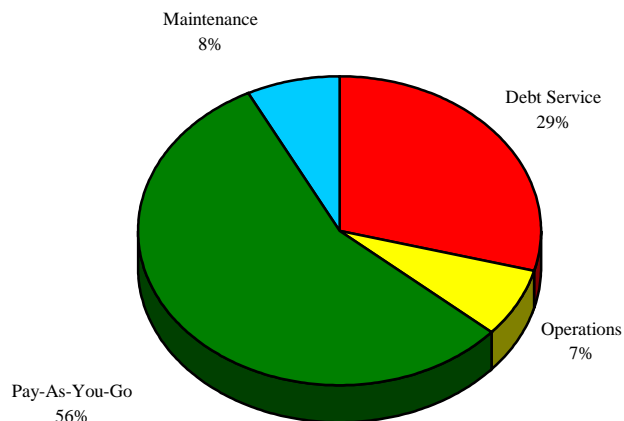
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Capital Improvement Program

The District staff maintains a listing of projects proposed for funding in the next ten-year period. The Ten-Year Construction Program (TYCP) is updated annually and is approved by the Board after review by the Technical and Citizens Advisory Committees. In addition to the TYCP, the District's Chief Engineer with assistance, cooperation and approval of the Technical Advisory Committee, prepares a list of projects proposed for funding during the upcoming fiscal year. The fiscal year project list, after approval by the Board, constitutes the Capital Improvement Program for the District in the ensuing fiscal year. The fiscal year project list and the updated TYCP presented in this document were approved on June 13, 2013, for Fiscal Year 2013-14. 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 2013, the District has received over \$1,364,671,666 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 \$1,453,029,838 in projects through May 2013.

FISCAL YEAR 2014 THROUGH FISCAL YEAR 2023 TYCP

The TYCP is an estimate of when funding will be requested. Available revenues for the TYCP are estimated to be \$655,218,067, which includes a total debt issuance of \$175,000,000; in FY 2010-11 \$75,000,000 in bonds were programmed and the District will begin expending those funds in April 2013 to fund infrastructure; and additionally, \$100,000,000 in bonds are programmed in FY 2013-14. 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 3.0% growth rate

REGIONAL FLOOD CONTROL DISTRICT – FY 2014 THROUGH FY 2023

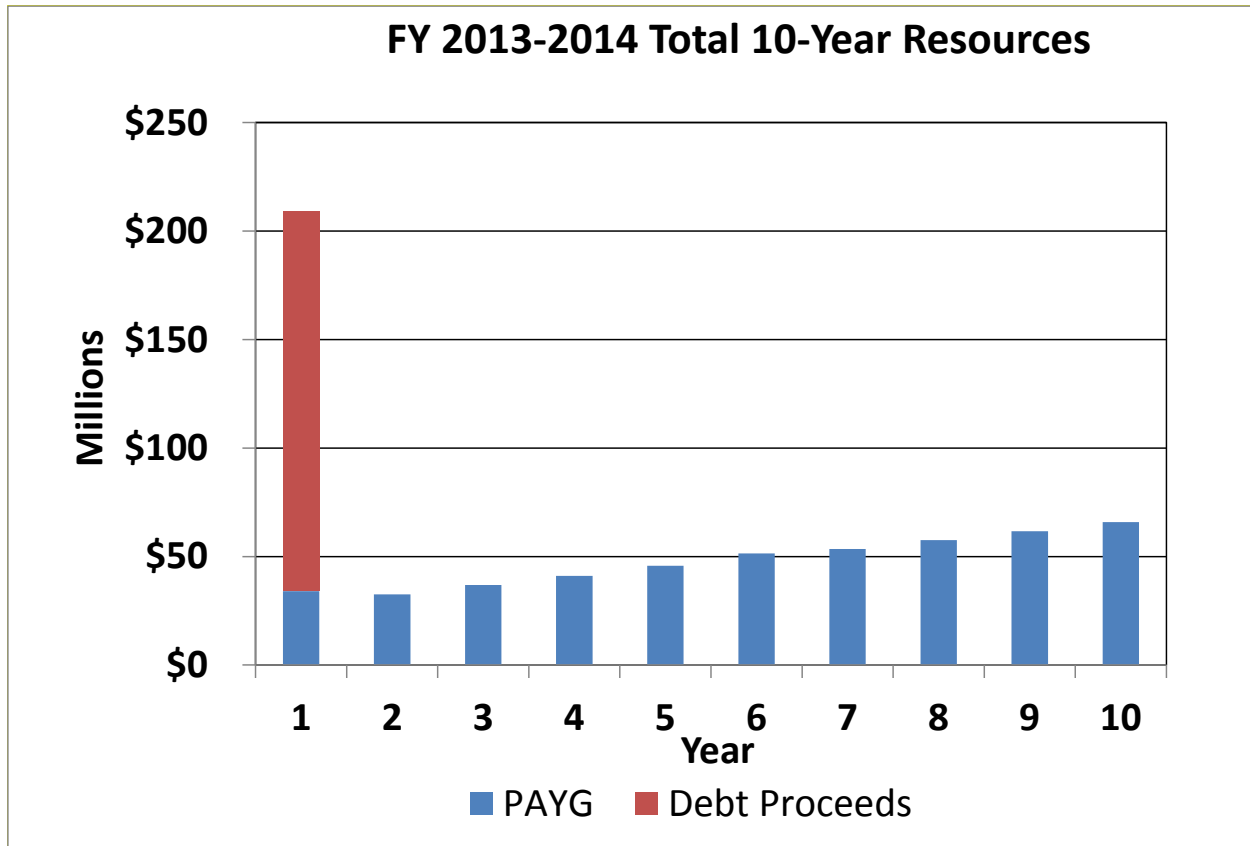
from prior years' revised budget (\$78,800,000), a 5.4% growth rate for Year 2 and Year 3, a 5.5% growth rate for Year 4 and Year 5, a 4.3% growth rate for Year 6, a 4.2% growth rate for Year 7 and Year 8, and a 4.1% growth rate for Year 9 and Year 10.

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

In June 2012, Resolution No. 12-5 was approved by the District Board to reserve \$35 million in the District's bonding capacity for the construction of the Las Vegas Wash – Sloan Channel to Bonanza Road and Flamingo Wash below Nellis Boulevard project. In May 2013, an Amendment to the Resolution was approved increasing the reservation of the bonding capacity from \$35 million to \$50 million. This \$50 million reservation is programmed within the first five years of the approved Fiscal Year 2014 through Fiscal Year 2023 Ten Year Construction Program.

REGIONAL FLOOD CONTROL DISTRICT – FY 2014 THROUGH FY 2023

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.

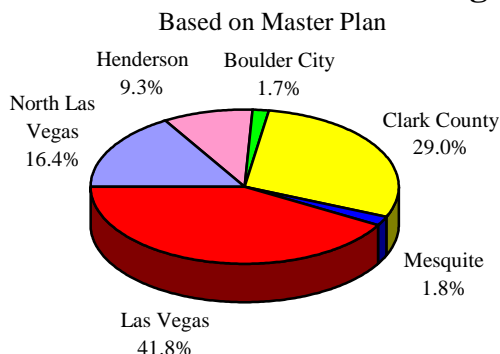


Flood control projects are fairly standard in nature and typically follow a design time of 1-2 years and a construction time of 2-3 years. The minimum level of expenditures for assets to be classified as capital assets for the District is \$5,000.00 and we comply with all adopted GAAP requirements. The 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 2013-14 are: \$291,685,623 for Fund 4430 and \$35,761,659 for Fund 4440 which includes previously approved and new projects planned for FY 2013-14.

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 and the City of Mesquite adopted by the

Board on September 13, 2012; the Town of Laughlin adopted by the Board on March 12, 2009; the Muddy River and Tributary Washes adopted by the Board on February 10, 2011; and the Outlying Areas of Clark County adopted by the Board on March 12, 2009. The costs of funded projects were derived from the financial reports at the date of adoption of each Master Plan Update. Exhibit A shows the costs of flood control facilities by hydrographic area and the entity to which the area is assigned. The pie chart on this page indicates the percent of revenues which should be spent in each entity based on need as measured by the cost of flood control facilities identified on the Master Plans. This ensures an equal rate of implementation of flood control infrastructure within each hydrographic area over time.

Prorated Share of Funding



In November 2000, the District's Board of Directors approved the implementation of Entity Advance Funding (EAF) for flood control projects that meet the District's criteria for construction funding when funds are not yet available. This allows an entity (City or County) to advance construction funding and advertise and award a construction contract for the project ahead of the scheduled date that the District would have funds available. The Board amended the EAF policies on May 15, 2003 and April 12, 2012. Through an Interlocal Contract, the District and Entity agree to a date that the District will reimburse the entity and a set dollar amount for the project. The EAF process has a \$40 million cap; requires that the project be programmed in the first three (3) years of the TYCP in the amount of the request; and the agreed reimbursement date must not exceed five (5) years from the date the Interlocal Contract is approved. These policies keep future revenues and obligations manageable. Current and future EAF contract funds will be programmed in accordance with the conditions of the contract.

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

REGIONAL FLOOD CONTROL DISTRICT – FY 2014 THROUGH FY 2023

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 581 miles of channel and underground storm drains, of which 132 miles are natural washes, are inspected and/or maintained throughout Clark County, along with 90 detention basins.

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

Fiscal Year	Factor	TYCP MWP Funding Projection	
2014	Approved Budget	\$	9,000,000
2015	10.0%	\$	10,000,000
2016	0.0%	\$	10,000,000
2017	0.0%	\$	10,000,000
2018	0.0%	\$	10,000,000
2019	0.0%	\$	10,000,000
2020	0.0%	\$	10,000,000
2021	0.0%	\$	10,000,000
2022	0.0%	\$	10,000,000
2023	0.0%	\$	10,000,000
Total estimated maintenance over 10 years		\$	\$99,000,000

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 twelfth year of this program, the District has budgeted \$1,000,000 for Local Drainage projects. Projected Local Drainage Program funding for the TYCP is depicted in the chart on the next page.

In Fiscal Year 2009, the District funded in Clark County, Carey Avenue Storm Drain. Also in Clark County, and funded was the Toiyabe Street Storm Drain (Toiyabe) project which is in close proximity with the Carey Avenue Storm Drain (Carey). In Fiscal Year 2013, Clark County requested that the scope of work for Toiyabe be collapsed into the Carey project to complete construction. The scope of Toiyabe was added to the Carey project (estimated completion date of August 2013).

In Fiscal Year 2010, the District funded in Clark County, Olive Street Storm Drain, US-95 to Palm Street (estimated completion date of May 2013).

In FY 2012, two new local drainage projects were funded by the District. The District funded in Clark County, Annie Oakley Drive at Rawhide Channel Storm Drain (this project has been constructed) and in the City of Las Vegas, Concord Street Storm Drain (estimated completion date of May 2014).

In FY 2013, two new local drainage projects were funded by the District. The District funded in Clark County, Toiyabe Street Storm Drain, which as stated above was collapsed into the Carey Avenue Storm Drain project. Also in Clark County, Washington/Hollywood Storm Drain was funded (estimated completion date of September 2014.)

REGIONAL FLOOD CONTROL DISTRICT – FY 2014 THROUGH FY 2023

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

Fiscal year	Factor	TYCP Local Drainage Budget Projection	
2014	Approved Budget	\$	1,000,000
2015	0.0%	\$	1,000,000
2016	0.0%	\$	1,000,000
2017	0.0%	\$	1,000,000
2018	0.0%	\$	1,000,000
2019	0.0%	\$	1,000,000
2020	0.0%	\$	1,000,000
2021	0.0%	\$	1,000,000
2022	0.0%	\$	1,000,000
2023	0.0%	\$	1,000,000
Total estimated local drainage over 10 years		\$	10,000,000

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

Project Prioritization

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

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

g) **Interrelationship to Other Projects**

Projects which score high on this criterion can function independently or are needed to complete or increase the effectiveness of the existing regional and local drainage system.

h) **Timing and Implementation**

All aspects of timing and implementation should be considered under this item including availability of right-of-way, permit review if necessary, and ability to administer and begin a project in a reasonable time-frame.

i) **Environmental Enhancement**

Evaluation of this criterion includes benefits derived from improving or mitigating the threat to public health resulting from stagnant water, erosion, raw sewage spills, and contamination of the domestic water supply. It also includes, if applicable, information on the project's enhancement of habitat, recreational opportunities, and water quality.

j) **Annual Maintenance Cost**

Projects which will rank high on this criterion have a lower maintenance cost than those facilities now in existence or will reduce maintenance costs downstream.

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

Ten-Year Construction Program

The proposed TYCP totals \$650,350,667 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 16% of total Master Plan facility costs. The TYCP project locations are shown on the attached maps. A summary of the proposed program, along with major accomplishments for each entity follows.

HENDERSON

Pittman Wash Planning Area and
C-1 Channel Planning Area

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

Black Mountain (Southwest C-1) Detention Basin

Located at the base of Black Mountain

Blackridge Road Storm Drain System, Local Drainage Project

Boulder Highway Channel

Bridges over Pittman Wash

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

C-1 Channel, Middle Reach

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

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

C-1 Channel, US-95 Tributary 1

C-1 Equestrian Tributary

Gibson Channel Culvert at Sunset Road

Gibson Conveyance System

East C-1 Detention Basin

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

Henderson (continued)

Equestrian Detention Basin and Collection Channel

Equestrian Detention Basin Expansion

Equestrian Detention Basin Outfall – Heritage Channel

Equestrian Tributary, Phase II

Mission Hills Detention Basin and C-1 Channel

From Lake Mead Drive to Burkholder Boulevard

Mission Hills Western Interceptor

From Pacific Avenue to the Mission Hills Detention Basin

McCullough Hills Detention Basin

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

Northeast Detention Basin, Levee and Outfall

Pioneer Detention Basin

Pioneer Detention Basin Expansion and Inflow

Pioneer Detention Basin/Outfall, Phase I

From Warm Springs Road to Sunset

Pittman Eastern Detention Basin

Pittman Park Detention Basin

A joint use recreation facility

Pittman Park Peaking Basin Modification

Pittman Pecos West Conveyance and Eastern Avenue Tributary

Pittman Railroad East Conveyance

Pittman Railroad, MacDonald Ranch Channel

Pittman Wash

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

Pittman Wash – Burns

Henderson (continued)

Pittman Wash – Gibson

Pittman Wash Railroad Channel (Phase I)

Pittman Wash Railroad Channel, US-95 to Major Avenue

Pittman Wash, UPRR to Santiago

Union Pacific Railroad Channel

From Pittman Wash to Eastern Avenue

District funding since 1987 for the projects plus design efforts on future projects total approximately \$160,176,905.

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

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

PTWH 0032 – This project consists of an open channel along the west side of the Palm Hills development located west of Horizon Ridge Parkway and north of Mission Drive. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$0.80 million for this project.

Pittman Burns – Galleria to Boulder Highway (PV = 95.5)

PTSU 0000 – This project consists of a double 10' x 8' reinforced concrete box culvert and open channel that will collect storm flows at the intersection of Sunset Road and Boulder Highway and convey them to the existing Weisner Channel near Burns Road and Galleria Drive. Design is underway. Additional design and Right-of-Way Acquisition are programmed in FY 21/22. Construction funding is programmed in FY 22/23. The TYCP includes approximately \$6.8 million for this project.

Pittman Burns – Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road (PV = 97.5)

PTHR 0104, 0139, 0140, 0150 & 0203 through 0205 – This project consists of a 2.5 acre-foot debris basin located approximately one-half mile south of Horizon Ridge Parkway and an 84-inch diameter concrete outfall pipe and concrete channel from the debris basin to Sumner Ranch Road. A Master Plan Amendment is currently in process to revise the debris basin to a detention basin and decrease the size of the outlet facilities. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$2.5 million for this project.

Henderson (continued)

Pittman Burns – Pioneer Detention Basin Expansion and Inflow (Construction contract – HEN05F12)

PTVW 0186 and PTIS 0000 – This project includes construction of a soil cement lined channel upstream of the Pioneer Detention Basin and a Best Management Practices (BMP) structural retrofit to the existing outlet structure for stormwater quality purposes. The retrofit consists of constructing a new reinforced concrete weir wall around the outlet. Design is underway. Construction funding is currently in progress for the first phase of the project. As a supplement to the first phase, construction for the second phase of the project is programmed in FY 13/14. The TYCP includes approximately \$0.15 million for the second phase of the project.

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

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$2.2 million for this project.

Lower Pittman – Whitney Wash Channel (PV = 91.5)

WWDC 0069 – This project consists of an open concrete channel connecting two existing reaches providing better collection of flood flows upstream of an existing development near Sunset Road and Stephanie Street. Design is underway. Additional design is programmed in FY 17/18. Construction funding is programmed in FY 20/21. The TYCP includes approximately \$3.0 million for this project.

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

PTDC 0074 – This project consists of the addition of two 10' x 8' reinforced concrete box culverts to the existing structure under I-515 at Pittman Wash. Design is underway. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$2.0 million for this project.

Lower Pittman – Pittman Wash – UPRR to Santiago (Construction contract HEN07E11)

PTWA 0048, 0056 and 0092 – This project consists of the Lower Pittman Wash lining and Pittman Park Peaking Basin Outlet Pipe reconstruction. The first phase is the lining project that is a segment of the Lower Pittman System. The second phase of the project will replace the existing channel that consists of an unlined bottom and gabion side slopes with concrete-lined channel reach to prevent erosion control. The Pittman Park Peaking Basin Outlet pipe portion will remove and reinstall the existing basin outlet pipe. Design is underway. Construction funding is currently in progress for the first phase of the project. As a supplement to the first phase, construction for the second phase of the project is programmed in FY 13/14. The TYCP includes approximately \$2.2 million for the second phase of the project.

Henderson (continued)

Upper Pittman – Pittman North Detention Basin Outfall – St. Rose to Spencer (PV = 92.0)

PTNO 0000 through 0073 – This project consists of a reinforced concrete box culvert ranging in size from 6' x 5' to 8' x 5' located parallel to St. Rose Parkway from Spencer to Executive Airport. Design and Right-of-Way Acquisition are programmed in FY 16/17. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$13.6 million for this project.

Upper Pittman – Pittman North Detention Basin Outfall (PV = 98.0)

PTNO 0180 – This project consists of a 72" reinforced concrete pipe from the Pittman North Detention Basin to St. Rose Parkway at Executive Airport. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$4.8 million for this project.

Upper Pittman – Pittman North Detention Basin (PV = 99.0)

PTNO 0181 through 0183 – This project consists of completion of a 600 acre feet detention basin subsequent to completion of gravel extraction mining currently underway. Design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. The TYCP includes approximately \$13.0 million for this project.

Upper Pittman – Pittman North Detention Basin to Larson Lane (PV = 85.0)

PTSD 0000 through 0043 – This project consists of concrete channel and a 25' x 8' reinforced concrete box culvert along Bermuda Road extending from Larson Lane to the Pittman North Detention Basin. Design and Right-of-Way Acquisition are programmed in FY 18/19. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$4.4 million for this project.

Upper Pittman – Pittman, Larson Lane – Las Vegas Blvd. to Bermuda Rd. (PV = 84.5)

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

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

C1CT 0000 through 0048 – This project consists of storm drain ranging in size from 72-inch diameter to 10' x 4' reinforced concrete box culvert in Center Street extending from Fir Street to Lake Mead Drive. Design is underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$3.6 million for this project.

Henderson (continued)

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

C1RT 0001 through 0041 – This project consists of approximately one half mile of concrete channel invert in the existing Racetrack Channel from Drake Street to Burkholder. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$2.4 million for this project.

C-1 – C-1 Channel, SNWA Drop Structure to Lake Mead (PV = 83.0)

C1CH 0161 – This project consists of open channel improvements for C-1 Channel extending from Lake Mead Drive to the existing SNWA drop structure. Design and Right-of-Way Acquisition are programmed in FY 19/20. Construction funding is programmed in FY 22/23. The TYCP includes approximately \$5.5 million for this project.

C-1 – C-1 Channel Lake Mead – C-1 to Shoshone (PV = 92.0)

C1LM 0000 – This is a developer participation project consisting of approximately one mile of 14' x 7' reinforced concrete box culvert along Lake Mead Drive from Shoshone Lane to the C-1 Channel. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$0.40 million for this project.

The funding programmed for the C-1 Channel and Pittman Wash Planning Areas in Henderson totals approximately \$68.6 million on the TYCP.

LAS VEGAS

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

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

Alta Parallel System

Alta Storm Drain

Part of the Meadows Detention Basin Collection System

Angel Park Detention Basin Expansion

Angel Park Outfall Storm Drain

Vegas Drive between Angel Park Detention Basin and the Buffalo Channel

Ann Road Channel West – Rainbow Boulevard

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

Centennial Parkway Channel West – US95 Crossing

Designed and will be constructed by NDOT as part of their US 95 Widening Project

Cheyenne Channel

Gowan South Detention Basin to Buffalo Drive

Cheyenne Crossings

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

Colorado Avenue System

Clark County is the Lead Entity

Concord Street Storm Drain, Local Drainage Project

Las Vegas (continued)

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

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

Las Vegas (continued)

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)

Grand Teton Overpass – Storm Drain

Holmby Channel, Local Drainage Project

Horse Drive Interchange

I-15 Freeway Channel

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

Jay Avenue Improvements, Local Drainage Project

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

Langtry Channel – Bonanza Road to Washington Avenue

Las Vegas Creek Channel, Parallel System at Decatur Boulevard

Las Vegas Creek Channel, Parallel System

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

Las Vegas Wash – Decatur & Elkhorn, CC 215

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

Las Vegas Wash – Grand Teton, Mountain Spa to Durango 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)

Las Vegas (continued)

Lone Mountain Detention Basin

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

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

Meadows Detention Basin and Collection System

Meadows Detention Basin Expansion

North & South Environmental Enhancement Areas – Floyd Lamb Park

Oakey Boulevard Detention Basin and Outfall

Oakey Boulevard & Tenaya Way Storm Drain, Local Drainage Project

Oakey Drain, Birch Street to Cahlan Drive

Oakey Drain – Cahlan to Barnard

Oakey – Meadows Storm Drain, Phase I

Oakey Meadows Storm Drain – Phase II

Owens Avenue System (Rancho Drive to I-15)

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

Peak Drive System (Jones Boulevard to Michael Way)

Rampart Storm Drain

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

Rancho Detention Basin, Phase II

Rancho Road System: Durango Drive US-95 Interchange

Rancho Road System – El Campo Grande Storm Drain

Vegas Drive Storm Drain – Rancho to Shadow Mountain

Las Vegas (continued)

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 \$541,014,153.

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

Central – Freeway Channel – Washington, Valley View Boulevard to Decatur Boulevard (PV = 79.0)

LV15 0602 – This project consists of dual 66-inch diameter reinforced concrete pipes in Washington Avenue extending from Michael Way to Langtry Drive. Design is programmed in FY 21/22. The TYCP includes approximately \$0.50 million for this project.

Central – Freeway Channel – Washington, Rancho Drive to Valley View Boulevard (PV = 79.0)

LV15 0528 – This project consists of an 8' x 7' reinforced concrete box culvert in Washington Avenue extending from Langtry Drive to Rancho Road. Design is programmed in FY 19/20 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$7.9 million for this project.

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

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

Central – Las Vegas Wash Sloan Channel to Bonanza & Flamingo Wash below Nellis Boulevard (CLV Segment) (PV = 83.5)

LVMD 1071 through 1149 – This project consists of open channel improvements extending from Charleston Boulevard to Stewart Avenue. Design is underway. Construction management funding is programmed in FY 13/14 and construction funding

Las Vegas (continued)

is programmed in FY 14/15. The TYCP includes approximately \$11.5 million for this project.

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

MEOK 0150 through 0217 – This project is the third and final phase of the Oakey Meadows facility. The Oakey Meadows Project follows a stair stepped path to the southwest from Valley View Boulevard and Alta Drive to Sahara Avenue and Decatur Boulevard. Phase one includes the facility from Valley View Boulevard and Alta Drive to Charleston Boulevard and Hinson Street. Phase two extends the facility constructed with phase one to the west and south to Decatur Boulevard and Del Rey Avenue. The third phase will complete the facility by extending it south to Sahara Avenue and Decatur Boulevard. Construction of phases one and two are complete. Construction funding is programmed in FY 13/14 for phase three (MEOK 0150 through 0217). The TYCP includes approximately \$11.3 million for this project.

Central – Cedar Avenue Channel – Stewart Avenue & Charleston Boulevard (PV = 83.5)

CACN 0001 & 0035 and CNST 0000 – This project consists of a 10' x 9' reinforced concrete box culvert in Pecos Road extending from Stewart Avenue to the Cedar Avenue Channel, and an 8' x 7 reinforced concrete box culvert in Stewart Avenue extending from Mojave Road to Pecos Road. Design is programmed in FY 13/14 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$7.5 million for this project.

Central – Owens Avenue East – Las Vegas Wash to Mojave Road (PV = 78.0)

LVOE 0000 – This project consists of a 15' x 12' reinforced concrete box culvert in Owens Avenue extending from Mojave Road to Las Vegas Wash. Design is programmed in FY 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$15.5 million for this project.

Central – Owens Avenue East – Mojave Road to Eastern Avenue (PV = 78.0)

LVOE 0085 – This project consists of a 13' x 12' reinforced concrete box culvert in Owens Avenue extending from Eastern Avenue to Mojave Road. Design is programmed in FY 19/20 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$8.0 million for this project.

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

BHSA 0000 – This project consists of a 14' x 10' reinforced concrete box culvert in Sahara Avenue extending from Mojave Road to Boulder Highway. Funds were programmed in FY 12/13 to complete an alternative analysis. Design is programmed in FY 16/17 upon completion of the alternative analysis. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$3.6 million for this project.

Las Vegas (continued)

Central – Boulder Highway Sahara Avenue – Eastern Avenue to Mojave Road (PV = 79.5)

BHSA 0026 – This project consists of a 14' x 11' reinforced concrete box culvert in Sahara Avenue from Eastern Avenue to Mojave Road. Design is programmed in FY 19/20 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$12.4 million for this project.

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

LVBZ 0000 – This project consists of a dual 12' x 7' reinforced concrete box culvert in Bonanza Road extending from Lamb Boulevard to Las Vegas Wash. Design is programmed in FY 19/20 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$11.3 million for this project.

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

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

Gowan North – Gowan Outfall – Simmons, Alexander to Craig (PV = 83.5)

GOOF 0199 & 0224 – This project consists of reinforced concrete box culvert ranging in size from 14' x 6' to 24' x 6' in Simmons Street extending from Alexander Road to the Gowan Outfall Channel. Preliminary design has been completed. Final design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. The TYCP includes approximately \$12.7 million for this project.

Gowan North – Gowan Outfall – Alexander Rd, Ferrell to Simmons (PV = 83.5)

GOOF 0275 thru 0285 – This project consists of reinforced concrete box culvert ranging in size from dual 14' x 8' to side by side 16' x 8 and 14' x 6' in Alexander Road extending from Ferrell Street to Simmons Street. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$11.6 million for this project.

Gowan North – Gowan Outfall – Alexander Rd, Decatur to Ferrell (PV = 83.0)

GOOF 0325 thru 0375 – This project consists of reinforced concrete box culvert ranging in size from dual 14' x 6' to dual 14' x 8' in Alexander Road extending from Decatur Boulevard to Ferrell Street. Design is programmed in FY 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$19.0 million for this project.

Las Vegas (continued)

Gowan North – Gowan Outfall – El Capitan Branch, Lone Mountain to Washburn (PV = 80.0)

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

Gowan North – Gowan Outfall – El Capitan Branch, Washburn to Ann Road (PV = 79.5)

GOEC 0051 through 0076 – This project consists of reinforced concrete box culvert ranging in size from 10' x 6' to 10' x 7' in El Capitan Way extending from Washburn Road to Ann Road. Design is programmed in FY 19/20 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$5.1 million for this project.

Gowan North – Gowan Outfall – Alexander Rd, Rancho to Decatur (PV = 83.5)

GOAL 0000 – This project consists of 10' x 9' reinforced concrete box culvert in Alexander Road extending from Rancho Road to Decatur Boulevard. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$10.2 million for this project.

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

GOAL 0100 through 0111 – This project consists of 10' x 8' reinforced concrete box culvert in Rancho Road extending from Craig Road to Alexander Road. Design is underway. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$5.9 million for this project.

Gowan North – Gowan Outfall – Alexander Branch (PV = 79.5)

GOA2 0000 – This project consists of 8' x 5' reinforced concrete box culvert in Alexander Road extending from Torrey Pines Drive to Rancho Road. Design is programmed in FY 18/19 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$3.3 million for this project.

Gowan North – Gowan Outfall – Craig, US-95 to Rancho (PV = 79.5)

GOAL 0168 – This project consists of 10' x 8' reinforced concrete box culvert in Craig Road extending from US-95 to Rancho Road. Design is programmed in FY 18/19 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$8.6 million for this project.

Las Vegas (continued)

Gowan North – Gowan Outfall – US-95, Lone Mountain to Craig (PV = 79.5)

GOAL 0247 – This project consists of open channel improvements along the west side of US-95 extending from Lone Mountain Road to Craig Road. Design is programmed in FY 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$1.5 million for this project.

Gowan North – Gowan Outfall – Buffalo Branch, Lone Mountain to Washburn (PV = 83.0)

GOBU 0112 & 0136 – This project consists of reinforced concrete box culvert ranging in size from 7' x 6' to 8' x 6' in Buffalo Drive extending from Washburn Road to Lone Mountain Road. Design is programmed in FY 13/14 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$3.9 million for this project.

Upper Northern LV Wash – Ann Road – Rancho Road System – Fort Apache to Grand Canyon (PV = 82.5)

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

Upper Northern LV Wash – Ann Road – Rancho Road System – Grand Canyon to Hualapai Way (PV = 82.5)

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

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

RCHB 0227 – This project consists of an 11' x 8' reinforced concrete box culvert along CC 215 and Fort Apache Road to Echelon Point Drive. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$3.2 million for this project.

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

RCHB 0250 – This project consists of an 11' x 8' reinforced concrete box culvert in Fort Apache Road extending from Elkhorn Road to Echelon Point Drive. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$5.4 million for this project.

Las Vegas (continued)

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

CN95 0068 – This project includes a triple barrel 8' x 7' reinforced concrete box culvert along the west side of US-95 from Elkhorn Road to Durango Drive. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$9.8 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Centennial Parkway Channel West – US 95 Branch, Durango to Grand Teton (PV = 82.5)

CN95 0102 thru 0167 – This project consists of reinforced concrete box culvert ranging in size from dual 10' x 6' to triple barrel 8' x 6' along the west side of US-95 extending from Durango Drive to Grand Teton Drive. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$8.6 million for this project.

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

CNWE 0301 through 0304 – This project includes open channel improvements and a 32' x 10' reinforced concrete box culvert along the north side of CC 215 from the Pioneer Way alignment to US-95. Design is programmed in FY 13/14 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$14.2 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Centennial Parkway Channel West – US 95, CC 215 to Elkhorn (PV = 82.5)

CNWE 0325 & CN95 0000 – This project consists of open channel improvements and 32' x 10' reinforced concrete box culvert along west side of US-95 extending from Buffalo Drive alignment to Elkhorn Road. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$12.7 million for this project.

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

BRDB 0107 through 0157 – This project consists of a 12' x 6' reinforced concrete box culvert in El Capitan Way extending from Iron Mountain Road to Brent Lane and an 8' x 6' reinforced concrete box culvert in Brent Lane extending from El Capitan Way to Durango Drive. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$6.2 million for this project.

Las Vegas (continued)

Upper Northern LV Wash – Upper Western Tributary – Brent Drainage System – Floyd Lamb Park to Durango Drive (PV = 82.5)

BRDB 0043 – This project consists of an 8' x 6' reinforced concrete box culvert in Brent Lane extending from Durango Drive to the South Environmental Enhancement Area. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$4.1 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 \$262.9 million on the TYCP.

NORTH LAS VEGAS

Lower Northern Las Vegas Wash Planning Area
Range Wash Planning Area and
Lower Las Vegas Wash Planning Area

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

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

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

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

Centennial Parkway Channel East

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

Confluence Detention Basin
Clark County is the Lead Entity

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

Kyle Canyon Detention Basin

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

Las Vegas Wash – Las Vegas Boulevard to Cheyenne Avenue

Las Vegas Wash – Losee Road

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

Lower Las Vegas Wash Detention Basin
A joint use recreation facility

North Las Vegas (continued)

Rancho Road System - Centennial Parkway to Rancho Road Detention Basin

Las Vegas is the Lead Entity

Range Wash – Lamb Boulevard Storm Drain

Simmons Street Channel

Simmons Street – Phase II, Carey to Cheyenne

Sloan Channel, Las Vegas Wash to Charleston Boulevard

Clark County is the Lead Entity

Sloan Channel - Stewart Avenue to Charleston Boulevard

Clark County is the Lead Entity

Tributary to the Western Tributary at Alexander Road

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

Tropical Parkway Channel East

Upper Las Vegas Wash

Upper Las Vegas Wash Detention Basin and Diversion Dike

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

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

Vandenberg Detention Basin

Washington Collection System

Clark County is the Lead Entity

West Range Wash Diversion Dike

Western Tributary of the Las Vegas Wash

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

Western Tributary of the Las Vegas Wash

From Alexander Road to north of Craig Road

North Las Vegas (continued)

District funds since 1987 for the projects plus design efforts on future projects total approximately \$244,951,710.

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

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

LVCL 0000 – This project consists of reinforced concrete box culverts ranging in size from 9' x 6' to 12' x 6' in Colton Avenue from Fifth Street to I-15 Freeway Channel. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$5.7 million for this project.

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

LVBR 0000, 0005, 0011, 0014, and 0026 – This project consists of a concrete channel and a reinforced concrete box culvert at North Fifth Street. The facility begins at the east end of Mayflower Avenue and extends east to the I-15 corridor. Design is underway. Right-of-Way Acquisition and construction funding are programmed in FY 13/14. The TYCP includes approximately \$1.8 million for this project.

Lower Northern Las Vegas Wash – Las Vegas Wash Craig – Fifth Street Collector – Centennial Parkway to Deer Springs (PV = 80.0)

LV5C 0000 and 0002 – This project consists of a reinforced concrete box culvert ranging in size from 10' x 6' to 15' x 6' in North Fifth Street extending from Deer Springs Way to Centennial Parkway. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$4.5 million for this project.

Lower Northern Las Vegas Wash – Las Vegas Wash Craig – Ann Road Channel East, Las Vegas Wash to Fifth Street (PV = 83.0)

ANEA 0040 – This project consists of an 8' x 7' reinforced concrete box culvert in Ann Road extending from North Fifth Street to Bruce Street. Design is underway. Right-of-Way Acquisition and construction funding are programmed in FY 13/14. The TYCP includes approximately \$3.8 million for this project.

Lower Northern Las Vegas Wash – Cheyenne Lamb Nellis – Lake Mead Drain to Las Vegas Wash (PV = 80.0)

LVLE 0000 & 0047 – This project consists of a reinforced concrete box culvert ranging in size from 12' x 6' to 12' x 8' in Lake Mead Boulevard extending from just east of Civic Center Drive to the Las Vegas Wash-Middle Branch confluence at Pecos Road. Design is programmed in FY 20/21. Construction funding is programmed in FY 22/23. The TYCP includes approximately \$10.9 million for this project.

North Las Vegas (continued)

Lower Northern Las Vegas Wash – Cheyenne Lamb Nellis – Las Vegas Boulevard Drain (PV = 82.0)

LVLV 0000 – This project consists of a dual 10' x 9' reinforced concrete box culvert in Las Vegas Boulevard extending from Pecos Road to Las Vegas Wash. Design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. The TYCP includes approximately \$7.2 million for this project.

Lower Northern Las Vegas Wash – Cheyenne Lamb Nellis – Las Vegas Wash – “N” Channel, Cheyenne to Gowan (PV = 81.0)

LVNC 0038 – This project consists of channel improvements to the N Channel extending from Gowan Road to Cheyenne Avenue. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$1.4 million for this project.

Lower Las Vegas Wash – Las Vegas Wash – Sloan Channel to Bonanza & Flamingo Wash below Nellis Boulevard (NLV Segment) (PV = 81.5)

LVMD 0883 and 0911 – This project consists of a new 120-foot wide bridge structure at the Desert Rose Golf Course and channel improvements extending from Sloan Lane to approximately 500-feet west of the Sloan Channel Confluence with Las Vegas Wash. Design is underway. Construction Management funding is programmed in FY 13/14 and construction funding is programmed in FY 14/15. The TYCP includes \$3.0 million for this project.

Range Wash – Lower Range – Range Wash – Alto Conveyance, Confluence DB to Los Feliz (PV = 79.5)

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

Range Wash – Lower Range – Orchard Collector – Charleston Boulevard to Linden Avenue (PV = 82.0)

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 15/16. The TYCP includes approximately \$0.20 million for this project.

Range Wash – Lower Range – Owens Detention Basin and Outfall (PV = 82.0)

SLWA 0130 through 0175 & SLOW 0000 through 0005 – This project consists of an 88 acre foot detention basin, spillway, collection facilities and an outfall pipe ranging in size from 24” to 48” in diameter located east of Hollywood Boulevard and south of

North Las Vegas (continued)

Owens 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 \$5.6 million for this project.

Range Wash – Lower Range – Range Wash – Sloan Channel, Stewart Bridge (PV = 74.0)

RWSL 0188 – This project consists of replacing the existing eight cell 10' x 3.5' reinforced concrete box culvert, at the Sloan Channel/Stewart Avenue crossing, with a bridge structure to increase conveyance capacity. Design is programmed in FY 20/21 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$0.50 for this project.

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

RWRR 0107 through 0221 and RWBE 0000 – This project consists of a 226 acre foot detention basin, spillway, an outfall structure including a 24" diameter reinforced concrete pipe, 6' x 6' reinforced concrete box culvert and rip rap channel located along the west side of the Union Pacific Railroad, south of the northern Beltway, and rip rap collection channels located along the west side of the Union Pacific Railroad, north of the northern Beltway and along the north side of the northern Beltway from the Union Pacific Railroad to Lamb Boulevard. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$8.0 million for this project.

Range Wash – West Range – Centennial Collector (PV = 87.0)

RWCC 0000 and RWWE 0363 – This project includes a 10' x 7' reinforced concrete box culvert in Centennial Parkway extending from Palmer Street to Pecos Road, and an 8' x 7' reinforced concrete box culvert in Pecos Road extending from Centennial Parkway to Tropical Parkway. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$6.9 million for this project.

Range Wash – West Range – Vandenberg North Detention Basin, Collection & Outfall (PV = 85.5)

RWWE 0397 through 0439 – This project includes a 290 acre foot detention basin and spillway located at Centennial Parkway and Pecos Road with associated collection channels extending east of the basin. The outfall is a 24" reinforced concrete pipe in Pecos Road to Centennial Parkway. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$11.4 million for this project.

Range Wash – West Range – Beltway Collection System – Pecos Road (PV = 82.0)

RWWE 0463 and RWBW 0000 – This project consists of a 12' x 9' and a 9' x 6' reinforced concrete box culvert located along the north side of the Northern Beltway at

North Las Vegas (continued)

Pecos Road. Design is programmed in FY 15/16. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$6.1 million for this project.

Range Wash – East Range – Hollywood System, Las Vegas Blvd to Azure (PV = 93.0)

RWHW 0173 through 0201 – This project consists of a reinforced concrete box culvert ranging in size from 10' x 8' to 12' x 9' in Hollywood Boulevard extending from Azure Avenue to Las Vegas Boulevard near the Las Vegas Motor Speedway. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$11.2 million for this project.

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

RWHW 0277 through 0412 – This project consists of upgrading two existing retention basins to detention basins with volumes of 77 acre-feet and 245 acre-feet, respectively, open channel improvements, 9' x 8' reinforced concrete box culvert and 78-inch diameter reinforced concrete pipe along Hollywood Boulevard extending from Azure Avenue to the north side of I-15 near the Las Vegas Motor Speedway. Design and Right-of-Way Acquisition are programmed in FY 18/19. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$9.2 million for this project.

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

RWHW 0500 – This project consists of an 843 acre feet detention basin located north of the Union Pacific Railroad near the Las Vegas Motor Speedway. Design and Right-of-Way Acquisition are programmed in FY 16/17. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$4.9 million for this project.

The funding programmed for the Lower Northern Las Vegas Wash, Range Wash, and Lower Las Vegas Wash Planning Areas in North Las Vegas totals approximately \$107.1 million on the TYCP.

CLARK COUNTY

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

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

Las Vegas Valley:

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

Blue Diamond Channel, Jones Branch

Blue Diamond Channel – Rainbow Branch

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

Blue Diamond Wash Wigwam, Jones Boulevard to Rainbow Boulevard

Blue Diamond Wash Wigwam, UPRR to Jones Boulevard

Carey Avenue Storm Drain, Local Drainage Project

Desert Inn Detention Basin Collection System and Outfall

Duck Creek at Robindale Road

Duck Creek, Broadbent Boulevard Bridge and Channel

Duck Creek, Broadbent Boulevard to Boulder Highway

Duck Creek, Eldorado Lane to Spencer Street

Duck Creek, Emerald Avenue to Stephanie Street, Phase I

Duck Creek, Lower Detention Basin to Silverado Ranch Boulevard

Duck Creek, Mountain Vista Street to Green Valley Parkway

Duck Creek, Phase II and Lower Pittman

Duck Creek, Railroad Detention Basin

Clark County (continued)

Duck Creek, Railroad near Warm Springs to Topaz Street

Duck Creek, Robindale to I-215

Duck Creek, Tomiyasu Lane to the Railroad near Warm Springs

Duck Creek, Tomiyasu Lane to Topaz Street

Duck Creek, Topaz Street to Eastern Avenue

Duck Creek, US-95 Branch

Durango Collector

Flamingo – Boulder Highway North, Sahara Avenue to Flamingo Wash

Flamingo Diversion – Jones Branch

Flamingo Diversion – Rainbow Branch

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

Flamingo Hacienda

Flamingo Wash, Algonquin Drive to Maryland Parkway

Flamingo Wash, Nellis Boulevard to I-515

Flamingo Wash at Boulder Highway

Flamingo Wash Bridges

At Arville, Eastern, Paradise, and Palo Verde

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

Flamingo Wash, Desert Inn to Eastern Avenue

Flamingo Wash, I-515 to Boulder Highway

Flamingo Wash, Spencer Street Bridge and Approach Channel

Hickam Avenue Storm Drain, Local Drainage Project

Clark County (continued)

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

Lower Blue Diamond Detention Basin Outfall

Lower Duck Creek Detention Basin and Outfall Channel

Lower Flamingo Detention Basin

Muddy River, Cooper Street Bridge

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

Orchard Detention Basin

Rawhide Channel at Sagebrush Street

Rawhide Channel System

Red Coach Avenue/Cimarron Road Improvements, Local Drainage Project

Red Rock Channel, Naples Branch

Red Rock Channel, Naples Branch – Flamingo Connector

Sloan Channel, Las Vegas Wash to Charleston Boulevard

Sunrise Avenue Area Storm Drain, Local Drainage Project

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

Toiyabe Street Storm Drain, Local Drainage Project

This project was collapsed into the Carey Street Storm Drain, Local Drainage Project

Tomiyasu and La Casita Crossings of Duck Creek

Tropicana North Branch Detention Basin

Clark County (continued)

Tropicana Wash at Swenson Street

Tunis Avenue and Karvel Street Storm Drain, Local Drainage Project

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**
- **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**

Clark County (continued)

- 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/Hollywood Storm Drain, Local Drainage Project

Washington Collection System (Montridge Storm Drain)

Winnick Avenue Improvements

On the Flamingo Wash

Outlying Areas:

Bunkerville Detention Conveyance System (Windmill Wash)

Bunkerville – Windmill Wash Outfall

Cooper Crossing in Moapa Valley

Hiko Springs Detention Basin (SID and District funded)

Hiko Springs Outfall Channel

Indian Springs Detention Basin

Logan (Benson) Wash Improvements in Moapa Valley

Muddy River, Gubler Avenue Bridge

Searchlight Flood Control Improvements

Unnamed Wash Improvements in Laughlin

District funding since 1987 for the projects plus design efforts of future projects total approximately \$455,944,800.

Clark County (continued)

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

Tropicana/Flamingo – F4 Patrick Lane/Fort Apache Road Lateral (PV = 85.0)

FLOQ 0000 – This project includes a 12' x 8' reinforced concrete box culvert intercepting flow in Fort Apache Road and Patrick Lane and conveying it to the F-4 Channel near CC-215. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$1.8 million for this project.

Tropicana/Flamingo – Lower Flamingo – Las Vegas Wash – Sloan Channel to Bonanza & Flamingo Wash below Nellis (CC Segment) (PV = 100.0)

LVMD 0916 through 1069 and FLWA 0001 – This project consists of open channel improvements along Las Vegas Wash extending from the confluence with Flamingo Wash to Charleston Boulevard and bridge improvements at Sahara Avenue, and open channel improvements along the Flamingo Wash from the confluence with Las Vegas to Nellis Boulevard. Design is underway. Construction Management funding is programmed in FY 13/14 and construction funding is programmed in FY 15/16. The TYCP includes approximately \$35.7 million for this project.

Tropicana/Flamingo – Wagon Trail Channel – Sunset Road to Teco (PV = 82.5)

WGTR 0111 – This project includes a 10' x 6' reinforced concrete box culvert in Procyon Street extending from Sunset Road to Teco Avenue. Design and Right-of-Way Acquisition are programmed in FY 16/17. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$1.8 million for this project.

Tropicana/Flamingo – Flamingo Wash, Maryland to Palos Verde (PV = 68.0)

FLWA 0621 & 0673 – This project consists of open channel improvements from Maryland Parkway to Cambridge Street and from Swenson Street to Palos Verde Street. Design is programmed in FY 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$2.7 million for this project.

Tropicana/Flamingo – Flamingo Wash, Tioga to Eastern (PV = 93.0)

FLWA 0471 through 0478 & 0482 – This project consists of open channel improvements along the Flamingo Wash from Eastern Avenue to Tioga Way, additional 10' x 5' reinforced concrete box culvert at Eastern Avenue, and replacement of existing three barrel 84" corrugated metal pipe culvert with a five cell 14' x 7' reinforced concrete box culvert at Tioga Way. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$3.2 million for this project.

Tropicana/Flamingo – Las Vegas Wash - Christy (PV = 66.5)

LVCH 0000 through 0114 – This project consists of a reinforced concrete box culvert ranging in size from 10' x 7' to 12' x 9' in Christy Lane extending from the Las Vegas Wash to Bonanza Road. Design is programmed in FY 20/21. The TYCP includes approximately \$1.4 million for this project.

Clark County (continued)

Tropicana/Flamingo – Flamingo Wash Maryland - UNLV (PV = 81.5)

FLMR 0000 – This project consists of a 90” reinforced concrete pipe in Maryland Parkway from the Flamingo Wash to University Road. Design is programmed in FY 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$5.8 million for this project.

Tropicana/Flamingo – Airport Channel Naples (PV = 91.0)

TRMC 0013 through 0031 – This project consists of open channel improvements from Harmon Avenue to Tropicana Avenue. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$2.9 million for this project.

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

VAVD 0000 and 0025 – This project includes an 84” reinforced concrete pipe and an 8’ x 6’ reinforced concrete box culvert in Vegas Valley Drive extending from Burnham Avenue to the Flamingo Wash. Design is programmed in FY 20/21. The TYCP includes approximately \$0.50 million for this project.

Tropicana/Flamingo – Flamingo Wash, Industrial Road to Hotel Rio Drive (PV = 83.0)

FLWA 0893 and 0896 – This project consists of open channel improvements in Flamingo Wash extending from Industrial Road to Hotel Rio Drive. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$1.2 million for this project.

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

LV01 0151 – This project includes an 84” diameter reinforced concrete storm drain in Tropicana Avenue extending from Mountain Vista Street to Morris Street. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$4.0 million for this project.

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

LVBH 0000 – This project includes a 12’ x 8’ reinforced concrete box culvert in Harmon Avenue extending from Nellis Boulevard to Boulder Highway and in Boulder Highway from Harmon Avenue to Tropicana Boulevard. Design is programmed in FY 20/21. The TYCP includes approximately \$0.90 million for this project.

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

LV01 0001 through 0135 – This project includes a reinforced concrete box culvert, reinforced concrete pipe and trapezoidal concrete channel of varying sizes along Tropicana Avenue extending from Morris Street to the Las Vegas Wash. Design is

Clark County (continued)

underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$9.7 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 reinforced 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 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$14.4 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash – Arville Street to I-15 (PV = 83.0)

BDWA 0276 – This project is a 66" diameter reinforced concrete pipe storm drain in Robindale Road from Arville Street to I-15. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$4.4 million for this project.

Duck Creek/Blue Diamond – Duck Creek/Blue Diamond, Bermuda Road to Las Vegas Boulevard (PV = 82.0)

DCBD 0075, 0082 and 0084 – This project includes reinforced concrete box culverts of varying size and concrete open channel along Duck Creek, Blue Diamond Wash extending from Las Vegas Boulevard to Bermuda Road. Design and Right-of-Way Acquisition are programmed in FY 17/18. Construction funding is programmed in FY 20/21. The TYCP includes approximately \$5.4 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Channel, Amigo Street to Rancho Destino (PV = 77.5)

BDWA 0087 through 0174 – This project includes reinforced concrete box culverts ranging in size from 10' x 5' to 12' x 6' along Blue Diamond Wash extending from Rancho Destino Road to Amigo Street. Design and Right-of-Way Acquisition are programmed in FY 19/20. Construction funding is programmed in FY 22/23. The TYCP includes approximately \$9.5 million for this project.

Duck Creek/Blue Diamond – Upper Duck Creek – Duck Creek, Sunset Park (PV = 82.0)

DCSP 0000 – This project consists of an 11' x 6' reinforced concrete box culvert from Duck Creek Wash to Eastern Avenue. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$13.1 million for this project.

Clark County (continued)

Duck Creek/Blue Diamond – Upper Duck Creek – Silverado Ranch Detention Basin (PV = 93.0)

BD02 0265 through 0312 – This project includes a 170 acre foot detention basin located south of Silverado Ranch Boulevard and west of Arville Street, 14' x 8' reinforced concrete box culvert inflow facility in Le Baron Avenue from detention basin to Decatur Boulevard, and 72" reinforced concrete pipe outlet extending from the detention basin to Silverado Ranch Boulevard. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$3.7 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Channel 02, I-15 to Decatur Boulevard (PV = 78.0)

BD02 0125 through 0177 and 0359 – This project consists of open channel improvements along the west side of I-15 from Meranto Avenue to Gary Avenue alignments, a 9' x 6' reinforced concrete box culvert in Gary Avenue and Dean Martin Drive from I-15 to Silverado Ranch Boulevard, and an 84" reinforced concrete pipe in Silverado Ranch Boulevard from Dean Martin Drive to Arville Street. Design is programmed in FY 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$12.0 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 future channel improvements adjacent to a UPRR spur that extends from Blue Diamond Road to Rainbow Boulevard. Right-of-Way Acquisition is programmed in FY 13/14 and design is programmed in FY 18/19. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$3.9 million for this project.

Duck Creek/Blue Diamond – Duck Creek Wash Tributary 4 – Detention Basin to Jones Boulevard (PV = 82.5)

DCW4 0298 – This project is the outfall pipe for the Duck Creek Railroad Detention Basin. The facility is an 8' x 5' reinforced concrete box culvert in Pyle Avenue extending from the Union Pacific Railroad to Jones Boulevard. Design is programmed in FY 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$5.0 million for this project.

Duck Creek/Blue Diamond – Duck Creek at Dean Martin Drive (PV = 85.0)

DCWA 1447 – This project includes a triple barrel 14' x 6' reinforced concrete box culvert for Duck Creek Wash where it crosses Dean Martin Drive about 800' south of Cactus Avenue. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$1.0 million for this project.

Clark County (continued)

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

DCWA 0648, 0656 and 0670 – This project includes open channel improvements for Duck Creek Wash extending from Sandhill Road to Sunset Road. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$4.2 million for this project.

Duck Creek/Blue Diamond – Duck Creek – Las Vegas Boulevard (PV = 83.5)

DCLV 0000 through 0059 – This project consists of reinforced concrete box culvert ranging in size from 10' x 8' to 16' x 7' in Las Vegas Boulevard extending from Starr Avenue to Frias Avenue. Design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. The TYCP includes approximately \$7.8 million for this project.

Duck Creek/Blue Diamond – Duck Creek – Haven Street (PV = 82.5)

DCHV 0026 through 0057 – This project consists of reinforced concrete box culvert ranging in size from 8' x 5' to 10' x 5' in Haven Street extending from Pyle Avenue to Cactus Avenue. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$4.0 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 \$160.0 million on the TYCP.

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

Goodsprings – Goodsprings – Phase I

GSEA 0000, GSPA 0027 and 0029 & GSRV 0019 – This project consists of a riprap channel in Pacific Street and Revere Street discharging to the natural watercourse on the north side of Goodsprings. Design is underway. Right-of-Way Acquisition and construction funding are programmed in FY 13/14. The TYCP includes approximately \$0.40 million for this project.

Muddy River and Tributaries – Fairgrounds – Detention Basin

FGWS 0000 through 0166 – This project is a 130 acre foot detention basin and outfall facility located north of the Clark County Fair Grounds near Whipple Avenue and Heyer Street. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$5.7 million for this project.

Clark County (continued)

Muddy River and Tributaries – Muddy River Logandale Levee

MRL 0001, 0013, and 0038 – This project consists of the reconstruction of an existing levee beginning at Wells Siding and extending south along the east side of the Union Pacific Railroad alignment to just north of Waite Avenue alignment. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$3.8 million for this project.

Muddy River and Tributaries – Ramos Ranch to Bryner Avenue

MRLV 0350, 0357, 0377, and 0388 – This project consists of open channel improvements beginning near Ramos Ranch Road and extending south to the Bryner Avenue alignment. Design is underway. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$12.1 million for this project.

Mount Charleston – Rainbow Canyon Boulevard Bridge

MTCH 0001 – This project consists of a new bridge structure for Rainbow Canyon Boulevard, just south of Kyle Canyon Road. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$1.0 million for this project.

Laughlin – Hiko Detention Basin Expansion

LUHS 0244 – This project consists of the expansion of the Hiko Springs Detention Basin by 310 acre feet to accommodate diversion of the Bridge Canyon flow. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$1.5 million for this project.

Laughlin – SR 163 at Casino Drive

LUBC 0000 through 0031 – This project consists of open channel improvements along the south side of SR 163 beginning near Thomas Edison Way and continuing east to the Colorado River. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$0.80 million for this project.

Searchlight – South, Encinitas St. Storm Drain

SRSO 0000 through 0030 – This project consists of a 72” diameter reinforced concrete storm drain in Encinitas Street extending from Nevada Street to Washington Street and continuing south in Washington Street to Hobson Street outletting to the natural wash on the southeast side of the town. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$1.3 million for this project.

Clark County (continued)

Bunkerville – Windmill Wash Detention Basin Expansion

WIWA 0039, WIJE 0000 and JEWA 0165 – This project consists of the expansion of the existing Windmill Wash Detention Basin in Bunkerville from 522 acre feet to 887 acre feet and improvements to the existing levee in the Jess Waite Wash. Design is underway. Construction funding is programmed in FY 13/14. The TYCP includes approximately \$7.0 million for this project.

The TYCP for the Outlying Areas of Clark County totals approximately \$33.6 million.

In all, among the Tropicana/Flamingo, Duck Creek, Blue Diamond, and Outlying Planning Areas, Clark County has programmed approximately \$193.6 million for flood control facilities over the next ten years.

BOULDER CITY

Projects completed or funded for construction since 1987 include:

Bootleg Canyon Detention Basin Outfall

Bootleg Canyon Detention Basin, Phase II

Buchanan Boulevard Channel

Buchanan Boulevard, Phase III Improvements

Buchanan Watershed Facilities

Georgia Avenue Channel

Hemenway Wash Improvements

A joint use recreation facility

Industrial Road Facilities

North Railroad Conveyance

Valley View and DD Facilities

Veteran's Memorial Detention Basin

Ville Drive Flood Control Improvements

West Airport Facilities

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

Yucca Debris Basin, Collection and Outfall

Yucca Street Drainage

District funding since 1987 for the projects plus design efforts of future projects total approximately \$26,977,639.

Boulder City (continued)

The project proposed on the TYCP for Boulder City in hydrographic basin order is the following:

Hemenway – Hemenway System, Phase II Improvements

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

The funding programmed for Boulder City totals approximately \$1.0 million on the TYCP.

MESQUITE

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

Abbott Wash Conveyance System, Pioneer Boulevard to the Virgin River

Town Wash Conveyance, I-15 to the Virgin River

Town Wash Detention Basin

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

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

Town Wash – Mesa Boulevard, Pioneer to Town Wash

TWMB 0000 through 0022, and TOWA 0120 – This project includes open channel improvements and 12' X 7' reinforced concrete box culvert extending from Town Wash to Pioneer Boulevard. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$1.9 million for this project.

Town Wash Mesa Boulevard, Chaparral to Pioneer

TWMB 0024 through 0094 – This project includes open channel improvements, 7' X 7' reinforced concrete box culvert and 60 inch diameter reinforced concrete pipe extending north and east from Pioneer Boulevard to Chaparral Drive. Design and Right-of-Way Acquisition are programmed in FY 15/16. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$8.6 million for this project.

Virgin River Flood Wall

VREC 0000, 0028, and 0054 – This project includes approximately 4,300 feet of flood wall, 17' high and buried 8' along the eastern edge of the City of Mesquite near Old Mills Road and Mesquite Boulevard. Design is programmed in FY 13/14 and Right-of-Way Acquisition is programmed in FY 17/18. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$4.7 million for this project.

Virgin River Erosion Protection, Phase I

VREC 0203, 0323, 0508, and 0519 – This project includes soil cement erosion protection at various locations along the south side of the City of Mesquite. Design is programmed in FY 18/19 and Right-of-Way Acquisition is programmed in FY 20/21. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$1.7 million for this project.

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

Fiscal Year 2014 Project List

The first year of the TYCP comprises the recommended FY 2014 Project List. It should be noted that construction and right-of-way funds programmed in FY 2015 and FY 2016 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 \$89.1 million. Projects eligible for funding in FY 2014 total \$257.9 million. These projects will be primarily funded from the estimated quarter percent Sales Tax Revenues and projected \$175 million bond issue. Projected revenue for the first year is \$209.1 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 2014 are as follows:

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

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

PTWH 0032 – This project consists of an open channel along the west side of the Palm Hills development located west of Horizon Ridge Parkway and north of Mission Drive. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$0.80 million for this project.

Pittman Burns – Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road (PV = 97.5)

PTHR 0104, 0139, 0140, 0150 & 0203 through 0205 – This project consists of a 2.5 acre-foot debris basin located approximately one-half mile south of Horizon Ridge Parkway and an 84-inch diameter concrete outfall pipe and concrete channel from the debris basin to Sumner Ranch Road. A Master Plan Amendment is currently in process to revise the debris basin to a detention basin and decrease the size of the outlet facilities. Design is underway. Construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$2.5 million for this project.

Pittman Burns – Pioneer Detention Basin Expansion and Inflow (Construction contract – HEN05F12)

PTVW 0186 and PTIS 0000 – This project includes construction of a soil cement lined channel upstream of the Pioneer Detention Basin and a Best Management Practices

FY 2014 Project List (continued)

(BMP) structural retrofit to the existing outlet structure for stormwater quality purposes. The retrofit consists of constructing a new reinforced concrete weir wall around the outlet. Design is underway. Construction funding is currently in progress for the first phase of the project. As a supplement to the first phase, construction for the second phase of the project is programmed in FY 13/14. FY 2014 eligible funding is approximately \$0.15 million for the second phase of the project.

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

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$2.2 million for this project.

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

PTDC 0074 – This project consists of the addition of two 10' x 8' reinforced concrete box culverts to the existing structure under I-515 at Pittman Wash. Design is underway. Construction funding is programmed in FY 15/16. FY 2014 eligible funding is approximately \$2.0 million for this project.

Lower Pittman – Pittman Wash – UPRR to Santiago (Construction contract HEN07E11)

PTWA 0048, 0056 and 0092 – This project consists of the Lower Pittman Wash lining and Pittman Park Peaking Basin Outlet Pipe reconstruction. The first phase is the lining project that is a segment of the Lower Pittman System. The second phase of the project will replace the existing channel that consists of an unlined bottom and gabion side slopes with concrete-lined channel reach to prevent erosion control. The Pittman Park Peaking Basin Outlet pipe portion will remove and reinstall the existing basin outlet pipe. Design is underway. Construction funding is currently in progress for the first phase of the project. As a supplement to the first phase, construction for the second phase of the project is programmed in FY 13/14. FY 2014 eligible funding is approximately \$2.2 million for the second phase of the project.

Upper Pittman – Pittman North Detention Basin Outfall (PV = 98.0)

PTNO 0180 – This project consists of a 72" reinforced concrete pipe from the Pittman North Detention Basin to St. Rose Parkway at Executive Airport. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$4.8 million for this project.

Upper Pittman – Pittman North Detention Basin (PV = 99.0)

PTNO 0181 through 0183 – This project consists of completion of a 600 acre feet detention basin subsequent to completion of gravel extraction mining currently underway. Design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$13.0 million for this project.

FY 2014 Project List (continued)

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

C1RT 0001 through 0041 – This project consists of approximately one half mile of concrete channel invert in the existing Racetrack Channel from Drake Street to Burkholder. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$2.4 million for this project.

C-1 – C-1 Channel Lake Mead – C-1 to Shoshone (PV = 92.0)

C1LM 0000 – This is a developer participation project consisting of approximately one mile of 14' x 7' reinforced concrete box culvert along Lake Mead Drive from Shoshone Lane to the C-1 Channel. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$0.40 million for this project.

Total Programmed First Year: \$ 8,986,075

Total Eligible First Year: \$30,349,715

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

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

LV15 0424, 0472 and 0474 – This project consists of an 8' x 6' reinforced concrete box culvert in Washington Avenue extending from Rancho Road to Martin Luther King Boulevard and dual 66-inch diameter reinforced concrete pipes in Tonopah Drive extending from Mills Circle to Washington Avenue. Design is underway. Construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$7.8 million for this project.

Central – Las Vegas Wash Sloan Channel to Bonanza & Flamingo Wash below Nellis Boulevard (CLV Segment) (PV = 83.5)

LVMD 1071 through 1149 – This project consists of open channel improvements extending from Charleston Boulevard to Stewart Avenue. Design is underway. Construction management funding is programmed in FY 13/14 and construction funding is programmed in FY 14/15. FY 2014 eligible funding is \$11.5 million for this project.

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

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

FY 2014 Project List (continued)

funding is programmed in FY 13/14 for phase three (MEOK 0150 through 0217). FY 2014 eligible funding is approximately \$11.3 million for this project.

Central – Cedar Avenue Channel – Stewart Avenue & Charleston Boulevard (PV = 83.5)

CACN 0001 & 0035 and CNST 0000 – This project consists of a 10' x 9' reinforced concrete box culvert in Pecos Road extending from Stewart Avenue to the Cedar Avenue Channel, and an 8' x 7' reinforced concrete box culvert in Stewart Avenue extending from Mojave Road to Pecos Road. Design is programmed in FY 13/14 and construction funding is programmed in FY 15/16. FY 2014 eligible funding is approximately \$7.5 million for this project.

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

FLBN 0342 – This project consists of a 7' x 4' reinforced concrete box culvert in Main Street extending from Wyoming Avenue to Charleston Boulevard. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is \$7.5 million for this project.

Gowan North – Gowan Outfall – Simmons, Alexander to Craig (PV = 83.5)

GOOF 0199 & 0224 – This project consists of reinforced concrete box culvert ranging in size from 14' x 6' to 24' x 6' in Simmons Street extending from Alexander Road to the Gowan Outfall Channel. Preliminary design has been completed. Final design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$12.7 million for this project.

Gowan North – Gowan Outfall – Alexander Rd, Rancho to Decatur (PV = 83.5)

GOAL 0000 – This project consists of 10' x 9' reinforced concrete box culvert in Alexander Road extending from Rancho Road to Decatur Boulevard. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. FY 2014 eligible funding is approximately \$.70 million for this project.

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

GOAL 0100 through 0111 – This project consists of 10' x 8' reinforced concrete box culvert in Rancho Road extending from Craig Road to Alexander Road. Design is underway. Construction funding is programmed in FY 15/16. FY 2014 eligible funding is approximately \$5.9 million for this project.

Gowan North – Gowan Outfall – Buffalo Branch, Lone Mountain to Washburn (PV = 83.0)

GOBU 0112 & 0136 – This project consists of reinforced concrete box culvert ranging in size from 7' x 6' to 8' x 6' in Buffalo Drive extending from Washburn Road to Lone Mountain Road. Design is programmed in FY 13/14 and construction funding is programmed in FY 15/16. FY 2014 eligible funding is approximately \$3.9 million for this project.

FY 2014 Project List (continued)

Upper Northern LV Wash – Ann Road – Rancho Road System – Fort Apache to Grand Canyon (PV = 82.5)

RCHB 0275 – This project consists of 7' x 6' reinforced concrete box culvert in Elkhorn Road extending from Fort Apache Road to Grand Canyon Drive. Design is underway. Construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$3.2 million for this project.

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

RCHB 0227 – This project consists of an 11' x 8' reinforced concrete box culvert along CC 215 and Fort Apache Road to Echelon Point Drive. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$3.2 million for this project.

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

RCHB 0250 – This project consists of an 11' x 8' reinforced concrete box culvert in Fort Apache Road extending from Elkhorn Road to Echelon Point Drive. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$5.4 million for this project.

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

CNWE 0301 through 0304 – This project includes open channel improvements and a 32' x 10' reinforced concrete box culvert along the north side of CC 215 from the Pioneer Way alignment to US-95. Design is programmed in FY 13/14 and construction funding is programmed in FY 15/16. FY 2014 eligible funding is approximately \$14.2 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Brent Drainage System – Floyd Lamb Park to Durango Drive (PV = 82.5)

BRDB 0043 – This project consists of an 8' x 6' reinforced concrete box culvert in Brent Lane extending from Durango Drive to the South Environmental Enhancement Area. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. FY 2014 eligible funding is approximately \$0.30 million for this project.

Total Programmed First Year: \$30,713,793

Total Eligible First Year: \$94,971,781

FY 2014 Project List (continued)

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

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

LVCL 0000 – This project consists of reinforced concrete box culverts ranging in size from 9' x 6' to 12' x 6' in Colton Avenue from Fifth Street to I-15 Freeway Channel. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$5.7 million for this project.

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

LVBR 0000, 0005, 0011, 0014, and 0026 – This project consists of a concrete channel and a reinforced concrete box culvert at North Fifth Street. The facility begins at the east end of Mayflower Avenue and extends east to the I-15 corridor. Design is underway. Right-of-Way Acquisition and construction funding are programmed in FY 13/14. FY 2014 eligible funding is approximately \$1.8 million for this project.

Lower Northern Las Vegas Wash – Las Vegas Wash Craig – Fifth Street Collector – Centennial Parkway to Deer Springs (PV = 80.0)

LV5C 0000 and 0002 – This project consists of a reinforced concrete box culvert ranging in size from 10' x 6' to 15' x 6' in North Fifth Street extending from Deer Springs Way to Centennial Parkway. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 15/16. FY 2014 eligible funding is approximately \$4.5 million for this project.

Lower Northern Las Vegas Wash – Las Vegas Wash Craig – Ann Road Channel East, Las Vegas Wash to Fifth Street (PV = 83.0)

ANEA 0040 – This project consists of an 8' x 7' reinforced concrete box culvert in Ann Road extending from North Fifth Street to Bruce Street. Design is underway. Right-of-Way Acquisition and construction funding are programmed in FY 13/14. FY 2014 eligible funding is approximately \$3.8 million for this project.

Lower Northern Las Vegas Wash – Cheyenne Lamb Nellis – Las Vegas Boulevard Drain (PV = 82.0)

LVLV 0000 – This project consists of a dual 10' x 9' reinforced concrete box culvert in Las Vegas Boulevard extending from Pecos Road to Las Vegas Wash. Design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$7.2 million for this project.

Lower Northern Las Vegas Wash – Cheyenne Lamb Nellis – Las Vegas Wash – “N” Channel, Cheyenne to Gowan (PV = 81.0)

LVNC 0038 – This project consists of channel improvements to the N Channel extending from Gowan Road to Cheyenne Avenue. Design and Right-of-Way Acquisition are

FY 2014 Project List (continued)

programmed in FY 13/14. Construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$1.4 million for this project.

Lower Las Vegas Wash – Las Vegas Wash – Sloan Channel to Bonanza & Flamingo Wash below Nellis Boulevard (NLV Segment) (PV = 81.5)

LVMD 0883 and 0911 – This project consists of a new 120-foot wide bridge structure at the Desert Rose Golf Course and channel improvements extending from Sloan Lane to approximately 500-feet west of the Sloan Channel Confluence with Las Vegas Wash. Design is underway. Construction Management funding is programmed in FY 13/14 and construction funding is programmed in FY 14/15. FY 2014 eligible funding is \$3.0 million for this project.

Range Wash – Lower Range – Orchard Collector – Charleston Boulevard to Linden Avenue (PV = 82.0)

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 15/16. FY 2014 eligible funding is approximately \$0.20 million for this project.

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

RWRR 0107 through 0221 and RWBE 0000 – This project consists of a 226 acre foot detention basin, spillway, an outfall structure including a 24” diameter reinforced concrete pipe, 6’ x 6’ reinforced concrete box culvert and rip rap channel located along the west side of the Union Pacific Railroad, south of the northern Beltway, and rip rap collection channels located along the west side of the Union Pacific Railroad, north of the northern Beltway and along the north side of the northern Beltway from the Union Pacific Railroad to Lamb Boulevard. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 16/17. FY 2014 eligible funding is approximately \$1.2 million for this project.

Range Wash – West Range – Centennial Collector (PV = 87.0)

RWCC 0000 and RWWE 0363 – This project includes a 10’ x 7’ reinforced concrete box culvert in Centennial Parkway extending from Palmer Street to Pecos Road, and an 8’ x 7’ reinforced concrete box culvert in Pecos Road extending from Centennial Parkway to Tropical Parkway. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 15/16. FY 2014 eligible funding is approximately \$6.9 million for this project.

Range Wash – East Range – Hollywood System, Las Vegas Blvd to Azure (PV = 93.0)

RHWH 0173 through 0201 – This project consists of a reinforced concrete box culvert ranging in size from 10’ x 8’ to 12’ x 9’ in Hollywood Boulevard extending from Azure

FY 2014 Project List (continued)

Avenue to Las Vegas Boulevard near the Las Vegas Motor Speedway. Design and Right-of-Way Acquisition are programmed in FY 13/14. Construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$11.2 million for this project.

Total Programmed First Year: \$17,038,983

Total Eligible First Year: \$46,950,300

Clark County (Las Vegas Valley)

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

Tropicana/Flamingo – F4 Patrick Lane/Fort Apache Road Lateral (PV = 85.0)

FLOQ 0000 – This project includes a 12' x 8' reinforced concrete box culvert intercepting flow in Fort Apache Road and Patrick Lane and conveying it to the F-4 Channel near CC-215. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$1.8 million for this project.

Tropicana/Flamingo – Lower Flamingo – Las Vegas Wash – Sloan Channel to Bonanza & Flamingo Wash below Nellis (CC Segment) (PV = 100.0)

LVMD 0916 through 1069 and FLWA 0001 – This project consists of open channel improvements along Las Vegas Wash extending from the confluence with Flamingo Wash to Charleston Boulevard and bridge improvements at Sahara Avenue, and open channel improvements along the Flamingo Wash from the confluence with Las Vegas to Nellis Boulevard. Design is underway. Construction Management funding is programmed in FY 13/14 and construction funding is programmed in FY 15/16. FY 2014 eligible funding is approximately \$35.7 million for this project.

Tropicana/Flamingo – Flamingo Wash, Tioga to Eastern (PV = 93.0)

FLWA 0471 through 0478 & 0482 – This project consists of open channel improvements along the Flamingo Wash from Eastern Avenue to Tioga Way, additional 10' x 5' reinforced concrete box culvert at Eastern Avenue, and replacement of existing three barrel 84" corrugated metal pipe culvert with a five cell 14' x 7' reinforced concrete box culvert at Tioga Way. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$3.2 million for this project.

Tropicana/Flamingo – Airport Channel Naples (PV = 91.0)

TRMC 0013 through 0031 – This project consists of open channel improvements from Harmon Avenue to Tropicana Avenue. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. FY 2014 eligible funding is approximately \$0.20 million for this project.

FY 2014 Project List (continued)

Tropicana/Flamingo – Flamingo Wash, Industrial Road to Hotel Rio Drive (PV = 83.0)

FLWA 0893 and 0896 – This project consists of open channel improvements in Flamingo Wash extending from Industrial Road to Hotel Rio Drive. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$1.2 million for this project.

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

LV01 0001 through 0135 – This project includes a reinforced concrete box culvert, reinforced concrete pipe and trapezoidal concrete channel of varying sizes along Tropicana Avenue extending from Morris Street to the Las Vegas Wash. Design is underway. Construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$9.7 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash – Arville Street to I-15 (PV = 83.0)

BDWA 0276 – This project is a 66” diameter reinforced concrete pipe storm drain in Robindale Road from Arville Street to I-15. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. FY 2014 eligible funding is approximately \$0.30 million for this project.

Duck Creek/Blue Diamond – Upper Duck Creek – Silverado Ranch Detention Basin (PV = 93.0)

BD02 0265 through 0312 – This project includes a 170 acre foot detention basin located south of Silverado Ranch Boulevard and west of Arville Street, 14’ x 8’ reinforced concrete box culvert inflow facility in Le Baron Avenue from detention basin to Decatur Boulevard, and 72” reinforced concrete pipe outlet extending from the detention basin to Silverado Ranch Boulevard. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. FY 2014 eligible funding is approximately \$0.30 million for this project.

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

BDW5 0026 – This project will focus on early right-of-way acquisition for future channel improvements adjacent to a UPRR spur that extends from Blue Diamond Road to Rainbow Boulevard. Right-of-Way Acquisition is programmed in FY 13/14 and design is programmed in FY 18/19. Construction funding is programmed in FY 21/22. FY 2014 eligible funding is approximately \$0.30 million for this project.

Duck Creek/Blue Diamond – Duck Creek at Dean Martin Drive (PV = 85.0)

DCWA 1447 – This project includes a triple barrel 14’ x 6’ reinforced concrete box culvert for Duck Creek Wash where it crosses Dean Martin Drive about 800’ south of

FY 2014 Project List (continued)

Cactus Avenue. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. FY 2014 eligible funding is approximately \$0.10 million for this project.

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

DCWA 0648, 0656 and 0670 – This project includes open channel improvements for Duck Creek Wash extending from Sandhill Road to Sunset Road. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$4.2 million for this project.

Duck Creek/Blue Diamond – Duck Creek – Las Vegas Boulevard (PV = 83.5)

DCLV 0000 through 0059 – This project consists of reinforced concrete box culvert ranging in size from 10' x 8' to 16' x 7' in Las Vegas Boulevard extending from Starr Avenue to Frias Avenue. Design is programmed in FY 13/14 and construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$7.8 million for this project.

Clark County (Outlying Areas):

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

Goodsprings – Goodsprings – Phase I

GSEA 0000, GSPA 0027 and 0029 & GSRV 0019 – This project consists of a riprap channel in Pacific Street and Revere Street discharging to the natural watercourse on the north side of Goodsprings. Design is underway. Right-of-Way Acquisition and construction funding are programmed in FY 13/14. FY 2014 eligible funding is approximately \$0.40 million for this project.

Muddy River and Tributaries – Fairgrounds – Detention Basin

FGWS 0000 through 0166 – This project is a 130 acre foot detention basin and outfall facility located north of the Clark County Fair Grounds near Whipple Avenue and Heyer Street. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$5.7 million for this project.

Muddy River and Tributaries – Muddy River Logandale Levee

MRL 0001, 0013, and 0038 – This project consists of the reconstruction of an existing levee beginning at Wells Siding and extending south along the east side of the Union Pacific Railroad alignment to just north of Waite Avenue alignment. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$3.8 million for this project.

FY 2014 Project List (continued)

Laughlin – SR 163 at Casino Drive

LUBC 0000 through 0031 – This project consists of open channel improvements along the south side of SR 163 beginning near Thomas Edison Way and continuing east to the Colorado River. Design is underway. Construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$0.80 million for this project.

Searchlight – South, Encinitas St. Storm Drain

SRSO 0000 through 0030 – This project consists of a 72” diameter reinforced concrete storm drain in Encinitas Street extending from Nevada Street to Washington Street and continuing south in Washington Street to Hobson Street outletting to the natural wash on the southeast side of the town. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$1.3 million for this project.

Bunkerville – Windmill Wash Detention Basin Expansion

WIWA 0039, WIJE 0000 and JEWA 0165 – This project consists of the expansion of the existing Windmill Wash Detention Basin in Bunkerville from 522 acre feet to 887 acre feet and improvements to the existing levee in the Jess Waite Wash. Design is underway. Construction funding is programmed in FY 13/14. FY 2014 eligible funding is approximately \$7.0 million for this project.

Clark County (Las Vegas Valley) Programmed First Year:	\$13,985,898
Clark County (Las Vegas Valley) Eligible First Year:	\$64,783,256

Clark County (Outlying Areas) Programmed First Year:	\$18,190,497
Clark County (Outlying Areas) Eligible First Year:	\$19,032,541

Total Programmed First Year:	\$32,176,395
Total Eligible First Year:	\$83,815,796

Boulder City:

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

FY 2014 Project List (continued)

the system. Design is underway. Construction funding is programmed in FY 14/15. FY 2014 eligible funding is approximately \$1.0 million for this project.

Total Programmed First Year: \$ 0
Total Eligible First Year: \$998,066

Mesquite:

Town Wash – Mesa Boulevard, Pioneer to Town Wash

TWMB 0000 through 0022, and TOWA 0120 – This project includes open channel improvements and 12' X 7' reinforced concrete box culvert extending from Town Wash to Pioneer Boulevard. Design is programmed in FY 13/14 and construction funding is programmed in FY 16/17. FY 2014 eligible funding is approximately \$0.10 million for this project.

Town Wash Mesa Boulevard, Chaparral to Pioneer

TWMB 0024 through 0094 – This project includes open channel improvements, 7' X 7' reinforced concrete box culvert and 60 inch diameter reinforced concrete pipe extending north and east from Pioneer Boulevard to Chaparral Drive. Design and Right-of-Way Acquisition are programmed in FY 15/16. Construction funding is programmed in FY 18/19. FY 2014 eligible funding is approximately \$0.70 million for this project.

Virgin River Flood Wall

VREC 0000, 0028, and 0054 – This project includes approximately 4,300 feet of flood wall, 17' high and buried 8' along the eastern edge of the City of Mesquite near Old Mills Road and Mesquite Boulevard. Design is programmed in FY 13/14 and Right-of-Way Acquisition is programmed in FY 17/18. Construction funding is programmed in FY 19/20. FY 2014 eligible funding is approximately \$0.10 million for this project.

Total Programmed First Year: \$222,547
Total Eligible First Year: \$885,626

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: Pittman North Detention Basin											
PTNO 0181 thru 0183	4	4	4	4	3	3	3	3	3	2	99.0
	20.0	18.0	16.0	14.0	9.0	7.5	6.0	4.5	3.0	1.0	
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights											
PTAP 0018	4	4	4	4	3	3	3	3	2	2	98.0
	20.0	18.0	16.0	14.0	9.0	7.5	6.0	4.5	2.0	1.0	
PROJECT: Pittman North Detention Basin Outfall											
PTNO 0180	4	4	4	4	3	3	3	3	2	2	98.0
	20.0	18.0	16.0	14.0	9.0	7.5	6.0	4.5	2.0	1.0	
PROJECT: Pittman West Horizon - Palm Hills											
PTWH 0032	4	4	4	3	3	3	4	3	3	2	97.5
	20.0	18.0	16.0	10.5	9.0	7.5	8.0	4.5	3.0	1.0	
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road											
PTHR 0104, 0139, 0140, 0150 & 0203 thru 0205	4	4	4	3	3	3	4	3	3	2	97.5
	20.0	18.0	16.0	10.5	9.0	7.5	8.0	4.5	3.0	1.0	
PROJECT: Pittman Wash Duck Creek at I-515											
PTDC 0074	4	4	4	3	3	3	3	3	3	4	96.5
	20.0	18.0	16.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	
PROJECT: Galleria to Boulder Hwy.											
PTSU 0000	3	4	3	4	4	3	4	3	3	3	95.5
	15.0	18.0	12.0	14.0	12.0	7.5	8.0	4.5	3.0	1.5	
PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer											
PTNO 0000 thru 0073	4	4	4	3	3	2	3	2	3	3	92.0
	20.0	18.0	16.0	10.5	9.0	5.0	6.0	3.0	3.0	1.5	
PROJECT: Whitney Wash Channel											
WWDC 0069	4	3	4	2	3	4	3	3	4	3	91.5
	20.0	13.5	16.0	7.0	9.0	10.0	6.0	4.5	4.0	1.5	
PROJECT: Pittman North Detention Basin to Larson Lane											
PTSD 0000 thru 0043	3	4	3	3	3	2	4	3	2	2	85.0
	15.0	18.0	12.0	10.5	9.0	5.0	8.0	4.5	2.0	1.0	
PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.											
PTLA 0000 thru 0126	3	4	3	3	3	2	4	2	3	2	84.5
	15.0	18.0	12.0	10.5	9.0	5.0	8.0	3.0	3.0	1.0	

HYDROGRAPHIC BASIN: C-1											
PROJECT: Racetrack Channel - Drake to Burkholder											
C1RT 0001 thru 0041	4	4	3	4	4	3	3	3	3	3	98.5
	20.0	18.0	12.0	14.0	12.0	7.5	6.0	4.5	3.0	1.5	
PROJECT: Center Street Storm Drain											
C1CT 0000 thru 0048	4	4	4	3	3	3	3	3	3	2	95.5
	20.0	18.0	16.0	10.5	9.0	7.5	6.0	4.5	3.0	1.0	
PROJECT: C-1 Lake Mead - C-1 to Shoshone											
C1LM 0000	4	4	3	3	4	3	2	3	2	3	92.0
	20.0	18.0	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.5	
PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead											
C1CH 0161	4	3	3	3	3	3	2	2	2	3	83.0
	20.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	2.0	1.5	

EXHIBIT B

Project Prioritization

Priority Factor and Weight												Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M			
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5			
CITY OF LAS VEGAS												
HYDROGRAPHIC BASIN: CENTRAL												
PROJECT: Oakey - Meadows Storm Drain												
MEOK 0150 thru 0217	4 20.0	3 13.5	3 12.0	3 10.5	2 6.0	3 7.5	4 8.0	3 4.5	1 1.0	2 1.0	84.0	
PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (CLV Segment)												
LVMD 1071 thru 1149	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	2 3.0	1 1.0	2 1.0	83.5	
PROJECT: Cedar Avenue Channel - Stewart & Charleston												
CACN 0001 & 0035, CNST 0000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	3 3.0	4 2.0	83.5	
PROJECT: Freeway Channel - Washington, MLK to Rancho												
LV15 0424, 0472 & 0474	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	83.0	
PROJECT: Boulder Highway Sahara Avenue - Mojave to Boulder Hwy												
BHSA 0000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	3 1.5	81.0	
PROJECT: Flamingo - Boulder Hwy. North, Main St.												
FLBN 0342	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	2 1.0	80.5	
PROJECT: Boulder Highway Sahara Avenue - Eastern to Mojave												
BHSA 0026	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	1 1.0	3 1.5	79.5	
PROJECT: Freeway Channel - Washington, Valley View to Decatur												
LV15 0602	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	79.0	
PROJECT: Freeway Channel - Washington, Rancho to Valley View												
LV15 0528	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	79.0	
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb												
LVBZ 0000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	79.0	
PROJECT: Owens Avenue East - LV Wash to Mojave												
LVOE 0000	4 20.0	4 18.0	3 12.0	2 7.0	2 6.0	2 5.0	2 4.0	2 3.0	2 2.0	2 1.0	78.0	
PROJECT: Owens Avenue East - Mojave to Eastern												
LVOE 0085	4 20.0	4 18.0	3 12.0	2 7.0	2 6.0	2 5.0	2 4.0	2 3.0	2 2.0	2 1.0	78.0	

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
HYDROGRAPHIC BASIN: GOWAN											
PROJECT: Gowan Outfall - Simmons, Alexander to Craig											
GOOF 0199 & 0224	4	3	3	3	2	3	3	4	1	2	83.5
	20.0	13.5	12.0	10.5	6.0	7.5	6.0	6.0	1.0	1.0	
PROJECT: Gowan Outfall - Alexander Rd, Ferrell to Simmons											
GOOF 0275 thru 0285	4	3	3	3	2	3	3	4	1	2	83.5
	20.0	13.5	12.0	10.5	6.0	7.5	6.0	6.0	1.0	1.0	
PROJECT: Gowan Outfall - Alexander Rd, Rancho to Decatur											
GOAL 0000	4	3	3	3	2	3	3	4	1	2	83.5
	20.0	13.5	12.0	10.5	6.0	7.5	6.0	6.0	1.0	1.0	
PROJECT: Gowan Outfall - Alexander Rd, Decatur to Ferrell											
GOOF 0325 thru 0375	4	3	3	3	2	3	3	4	1	1	83.0
	20.0	13.5	12.0	10.5	6.0	7.5	6.0	6.0	1.0	0.5	
PROJECT: Gowan Outfall - Buffalo Branch, Lone Mountain to Washburn											
GOBU 0112 & 0136	4	3	3	3	2	3	3	4	1	1	83.0
	20.0	13.5	12.0	10.5	6.0	7.5	6.0	6.0	1.0	0.5	
PROJECT: Gowan Outfall - El Capitan Branch, Lone Mtn to Washburn											
GOEC 0000 thru 0026	3	3	3	3	3	3	3	3	1	2	80.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	1.0	1.0	
PROJECT: Gowan Outfall - Alexander Branch											
GOA2 0000	4	3	3	3	2	2	3	3	1	2	79.5
	20.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Gowan Outfall - Craig, US-95 to Rancho											
GOAL 0168	4	3	3	3	2	2	3	3	1	2	79.5
	20.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Gowan Outfall - US-95, Lone Mountain to Craig											
GOAL 0247	4	3	3	3	2	2	3	3	1	2	79.5
	20.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Gowan Outfall - Rancho, Craig to Alexander											
GOAL 0100 thru 0111	4	3	3	3	2	2	3	3	1	2	79.5
	20.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Gowan Outfall - El Capitan Branch, Washburn to Ann Road											
GOEC 0051 thru 0076	3	3	3	3	3	3	3	2	2	2	79.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	2.0	1.0	

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
HYDROGRAPHIC BASIN: UPPER NORTHERN LAS VEGAS WASH											
PROJECT: Rancho Road System - Echelon Point to Elkhorn											
RCHB 0250	3	3	3	4	2	4	3	3	1	3	83.5
	15.0	13.5	12.0	14.0	6.0	10.0	6.0	4.5	1.0	1.5	
PROJECT: Rancho Road System - Beltway to Echelon Point											
RCHB 0227	3	3	3	4	3	4	2	2	1	3	83.0
	15.0	13.5	12.0	14.0	9.0	10.0	4.0	3.0	1.0	1.5	
PROJECT: Centennial Parkway Channel West - US 95, Durango to Grand Teton											
CN95 0102 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: Centennial Parkway Channel West - US 95, Elkhorn to Durango											
CN95 0068	4	3	3	3	3	2	3	3	1	2	82.5
	20.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Centennial Parkway Channel West - CC 215, Pioneer to US 95											
CNWE 0301 thru 0304	4	3	3	3	3	2	3	3	1	2	82.5
	20.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Elkhorn											
CNWE 0325 & CN95 0000	4	3	3	3	3	2	3	3	1	2	82.5
	20.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Brent Drainage System - Floyd Lamb Park to Durango											
BRDB 0043	3	3	4	3	3	3	2	3	1	3	82.5
	15.0	13.5	16.0	10.5	9.0	7.5	4.0	4.5	1.0	1.5	
PROJECT: Rancho Road System - Grand Canyon to Hualapai											
RCHB 0295	4	3	3	3	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: Rancho Road System - Fort Apache to Grand Canyon											
RCHB 0275	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: Brent Drainage System - Durango to El Capitan											
BRDB 0107 thru 0157	3	3	3	3	3	3	2	3	1	3	78.5
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	1.0	1.5	

EXHIBIT B

Project Prioritization

Priority Factor and Weight												Priority Value	
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M				
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5				
CITY OF NORTH LAS VEGAS													
HYDROGRAPHIC BASIN: LOWER NORTHERN LAS VEGAS WASH													
PROJECT: Colton Channel I-15 to Fifth Street													
LVCL 0000	3	4	3	3	4	3	4	3	2	4	91.5		
	15.0	18.0	12.0	10.5	12.0	7.5	8.0	4.5	2.0	2.0			
PROJECT: Brooks Channel													
LVBR 0000, 0005, 0011, 0014, 0026	3	3	3	3	3	3	4	3	2	3	83.5		
	15.0	13.5	12.0	10.5	9.0	7.5	8.0	4.5	2.0	1.5			
PROJECT: Ann Road Channel East, Las Vegas Wash to Fifth Street													
ANEA 0040	3	4	3	3	3	2	3	3	2	2	83.0		
	15.0	18.0	12.0	10.5	9.0	5.0	6.0	4.5	2.0	1.0			
PROJECT: Las Vegas Boulevard Drain													
LVLV 0000	3	3	4	4	2	2	3	2	2	3	82.0		
	15.0	13.5	16.0	14.0	6.0	5.0	6.0	3.0	2.0	1.5			
PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan													
LVNC 0038	3	3	3	3	3	3	3	3	2	2	81.0		
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.0			
PROJECT: Fifth Street Collector - Centennial to Deer Springs													
LV5C 0000 & 0002	4	3	3	3	3	2	2	2	2	2	80.0		
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: Lake Mead Drain to Las Vegas Wash													
LVLE 0000 & 0047	4	3	3	3	3	2	2	2	2	2	80.0		
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0			
HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH													
PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (NLV Segment)													
LVMD 0883 & 0911	3	3	3	3	3	2	4	3	3	2	81.5		
	15.0	13.5	12.0	10.5	9.0	5.0	8.0	4.5	3.0	1.0			
HYDROGRAPHIC BASIN: RANGE													
PROJECT: Hollywood System, Las Vegas Blvd to Azure													
RWHW 0173 thru 0201	4	4	3	3	3	3	3	4	3	2	93.0		
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	6.0	3.0	1.0			
PROJECT: Centennial Collector													
RWCC 0000 & RWWE 0363	3	4	3	3	4	3	2	3	2	3	87.0		
	15.0	18.0	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.5			
PROJECT: Beltway Detention Basin & Channel													
RWRR 0107 thru 0261 & RWBE 0000	3	4	3	3	3	4	3	2	2	2	86.5		
	15.0	18.0	12.0	10.5	9.0	10.0	6.0	3.0	2.0	1.0			
PROJECT: Vandenberg North Detention Basin, Collection & Outfall													
RWWE 0397 thru 0439	3	4	3	3	3	2	3	4	3	2	85.5		
	15.0	18.0	12.0	10.5	9.0	5.0	6.0	6.0	3.0	1.0			
PROJECT: Orchard Collector - Charleston to Linden													
SLOR 0158	3	3	3	3	4	3	2	3	2	2	82.0		
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0			
PROJECT: Beltway Collection System - Pecos													
RWWE 0463 & RWBW 0000	3	3	3	3	4	3	2	3	2	2	82.0		
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0			
PROJECT: Owens Detention Basin & Outfall													
SLWA 0130 thru 0175 & SLOW 0000 thru 0005	3	3	3	3	4	3	2	3	2	2	82.0		
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0			
PROJECT: Speedway North Detention Basin													
RWHW 0500	3	3	3	4	3	2	3	3	2	2	82.0		
	15.0	13.5	12.0	14.0	9.0	5.0	6.0	4.5	2.0	1.0			
PROJECT: Hollywood System, Azure to Speedway #2 Detention Basin													
RWHW 0277 thru 0412	3	3	3	4	3	2	3	3	2	2	82.0		
	15.0	13.5	12.0	14.0	9.0	5.0	6.0	4.5	2.0	1.0			
PROJECT: Range Wash - Alto Conveyance, Confluence DB to Los Feliz													
RWAL 0000 thru 0068	3	3	3	3	3	3	3	2	2	2	79.5		
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	2.0	1.0			
PROJECT: Range Wash - Sloan Channel, Stewart Bridge													
RWSL 0188	3	3	3	2	3	3	2	2	2	2	74.0		
	15.0	13.5	12.0	7.0	9.0	7.5	4.0	3.0	2.0	1.0			

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: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (Clark County Segment)												
LVMD 0916 thru 1069 & FLWA 0001	5 25.0	4 18.0	4 16.0	3 10.5	2 6.0	3 7.5	4 8.0	3 4.5	3 3.0	3 1.5	100.0	
PROJECT: Flamingo Wash, Tioga to Eastern												
FLWA 0471 thru 0478 & 0482	4 20.0	4 18.0	4 16.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	1 1.0	1 0.5	93.0	
PROJECT: Airport Channel - Naples												
TRMC 0013 thru 0031	4 20.0	4 18.0	3 12.0	3 10.5	4 12.0	3 7.5	2 4.0	3 4.5	2 2.0	1 0.5	91.0	
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral												
FLOQ 0000	3 15.0	3 13.5	4 16.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	2 2.0	2 1.0	85.0	
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris												
LV01 0001 thru 0135	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	4 10.0	4 8.0	2 3.0	1 1.0	3 1.5	83.5	
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.												
FLWA 0893 & 0896	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	4 8.0	3 4.5	2 2.0	2 1.0	83.0	
PROJECT: Tropicana Avenue Conveyance, Morris to Mountain Vista												
LV01 0151	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	4 6.0	2 2.0	3 1.5	83.0	
PROJECT: Wagon Trail Channel - Sunset to Teco												
WGTR 0111	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	3 1.5	82.5	
PROJECT: Flamingo Wash Maryland - UNLV												
FLMR 0000	3 15.0	4 18.0	3 12.0	3 10.5	3 9.0	3 7.5	2 4.0	2 3.0	2 2.0	1 0.5	81.5	
PROJECT: Las Vegas Wash - Boulder Highway												
LVBH 0000	3 15.0	2 9.0	3 12.0	3 10.5	3 9.0	4 10.0	3 6.0	4 6.0	1 1.0	3 1.5	80.0	
PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos												
VAVD 0000 & 0025	3 15.0	3 13.5	3 12.0	2 7.0	3 9.0	4 10.0	3 6.0	3 4.5	1 1.0	3 1.5	79.5	
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.												
LV02 0001 thru 0294	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	3 6.0	2 3.0	2 2.0	3 1.5	77.5	
PROJECT: Flamingo Wash - Maryland to Palos Verde												
FLWA 0621 & 0673	3 15.0	2 9.0	3 12.0	2 7.0	3 9.0	3 7.5	2 4.0	2 3.0	1 1.0	1 0.5	68.0	
PROJECT: Las Vegas Wash - Christy												
LVCH 0000 thru 0114	3 15.0	3 13.5	2 8.0	2 7.0	2 6.0	3 7.5	2 4.0	2 3.0	2 2.0	1 0.5	66.5	

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		
HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond											
PROJECT: Silverado Ranch Detention Basin											
BD02 0265 thru 0312	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	3 7.5	3 6.0	4 6.0	3 3.0	3 1.5	93.0
PROJECT: Blue Diamond Wash Railroad											
BDW5 0026	1 5.0	5 22.5	3 12.0	3 10.5	5 15.0	1 2.5	5 10.0	5 7.5	2 2.0	1 0.5	87.5
PROJECT: Duck Creek @ Dean Martin											
DCWA 1447	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	4 10.0	3 6.0	3 4.5	3 3.0	3 1.5	85.0
PROJECT: Duck Creek Las Vegas Boulevard											
DCLV 0000 thru 0059	3 15.0	4 18.0	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	2 3.0	2 2.0	1 0.5	83.5
PROJECT: Blue Diamond Wash - Arville to I-15											
BDWA 0276	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	4 2.0	83.0
PROJECT: Duck Creek, Sunset to Sandhill											
DCWA 0648, 0656 & 0670	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	3 1.5	82.5
PROJECT: Duck Creek Haven Street											
DCHV 0026 thru 0057	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	3 1.5	82.5
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones											
DCW4 0298	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	3 1.5	82.5
PROJECT: Duck Creek, Sunset Park											
DCSP 0000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	3 6.0	2 3.0	2 2.0	2 1.0	82.0
PROJECT: Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.											
DCBD 0075, 0082 & 0084	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	2 1.0	82.0
PROJECT: Blue Diamond Channel 02, I-15 to Decatur											
BD02 0125 thru 0177 & 0359	3 15.0	3 13.5	3 12.0	2 7.0	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	1 0.5	78.0
PROJECT: Blue Diamond Channel, Amigo to Rancho Destino											
BDWA 0087 thru 0174	3 15.0	3 13.5	3 12.0	2 7.0	3 9.0	3 7.5	3 6.0	3 4.5	2 2.0	2 1.0	77.5

EXHIBIT C

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023				
		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16	(Year 4) FY 16/17	(Year 5) FY 17/18	(Year 6) FY 18/19	(Year 7) FY 19/20	(Year 8) FY 20/21	(Year 9) FY 21/22	(Year 10) FY 22/23
TOTAL PLAN			Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources	\$650,350,667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400
ENTITY RESOURCES			Annual Resources	\$67,711,256	\$25,723,598	\$3,030,470	\$3,446,185	\$3,852,605	\$4,297,227	\$4,850,490	\$5,045,716	\$5,429,773	\$5,816,672	\$6,218,520
Unencumbered from previous year		\$11,249,873	Cumulative Available Resources		\$16,737,524	\$384,353	\$1,850,538	\$79,454	\$4,195,486	\$8,414,366	\$992,157	\$3,574,579	\$4,117,527	(\$956,692)
ENTITY TOTAL		\$625,659,062	\$224,537,048	\$68,667,948	\$8,986,074	\$19,383,641	\$1,980,000	\$5,623,689	\$181,195	\$631,610	\$12,467,925	\$2,847,350	\$5,273,725	\$11,292,739
HYDROGRAPHIC BASIN: PITTMAN		\$471,269,388	\$178,582,748	\$56,708,123	\$6,207,435	\$19,383,641	\$1,980,000	\$1,979,434	\$181,195	\$631,610	\$11,664,647	\$2,847,350	\$5,273,725	\$6,559,086
SYSTEM: Pittman Burns		\$80,211,394	\$31,833,968	\$10,289,266	\$892,153	\$2,549,329	\$0	\$0	\$0	\$0	\$0	\$0	\$288,697	\$6,559,086
PROJECT: Pittman West Horizon - Palm Hills														
Design/Admin		PTWH 0032	Design Started 09/10	\$115,296	\$751,213	\$35,986								
Design/Admin			HEN12I09	\$0										
Construction				\$916,605		\$715,227								
PROJECT: Galleria to Boulder Hwy.														
Design/Admin		PTSU 0000	Design Started 09/10	\$321,576	\$6,847,783								\$41,740	\$596,280
Right-of-way			HEN12H09	\$257,261									\$246,957	
Construction			Eng. Est.	\$2,299,270										\$5,962,806
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road														
Design/Admin		PTHR 0104, 0139, 0140, 0150 & 0203 thru 0205	Design Started 09/10	\$458,981	\$2,549,329	\$146,122								
Right-of-way			HEN05E09	\$367,184										
Construction				\$3,019,461		\$2,403,207								
PROJECT: Pioneer Detention Basin Expansion and Inflow														
Design/Admin		PTVW 0186 & PTIS 0000	Design Started 09/10	\$60,998	\$140,940	\$12,816								
Right-of-way			HEN05D09	\$0										
Construction			HEN05F12 / Supplement	\$484,938		\$128,124								
SYSTEM: Pittman Beltway		\$250,622,766	\$32,601,045	\$2,156,029	\$2,156,029	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights														
Design/Admin		PTAP 0018	Design Started 09/10	\$120,056	\$2,156,029	\$37,472								
Right-of-way			HEN22A09	\$96,044										
Construction			Eng. Est.	\$858,397		\$2,118,557								
SYSTEM: Lower Pittman		\$135,413,191	\$36,269,083	\$7,208,545	\$2,200,000	\$0	\$1,980,000	\$0	\$181,195	\$0	\$0	\$2,847,350	\$0	\$0
PROJECT: Whitney Wash Channel														
Design/Admin		WWDC 0069	Design Started 09/10	\$57,601	\$3,028,545				\$181,195			\$258,850		
Right-of-way			HEN07D09	\$46,080										
Construction			Eng. Est.	\$411,844									\$2,588,500	
PROJECT: Pittman Wash Duck Creek at I-515														
Design/Admin		PTDC 0074	Design Started 09/10	\$58,342	\$1,980,000			\$180,000						
Right-of-way			HEN01H09	\$46,674										
Construction			Eng. Est.	\$417,145				\$1,800,000						
PROJECT: Pittman Wash - UPRR to Santiago														
Design/Admin		PTWA 0048, 0056 & 0092	Design Started 09/10	\$387,612	\$2,200,000	\$200,000								
Right-of-way			HEN07B09	\$310,089										
Construction			HEN07E11 / Supplement	\$2,771,424		\$2,000,000								
SYSTEM: Upper Pittman		\$4,797,807	\$68,257,630	\$37,054,283	\$959,253	\$16,834,311	\$0	\$1,979,434	\$0	\$631,610	\$11,664,647	\$0	\$4,985,027	\$0
PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer														
Design/Admin		PTNO 0000 thru 0073		\$1,707,461	\$13,644,081			\$848,329			\$617,994			
Right-of-way				\$1,365,969				\$1,131,105						
Construction				\$12,208,348							\$11,046,653			
PROJECT: Pittman North Detention Basin Outfall														
Design/Admin		PTNO 0180	25% Design left	\$716,046	\$4,833,579	\$83,810	\$227,962							
Right-of-way			HEN16A01	\$572,837		\$446,985								
Construction				\$5,119,728		\$4,074,822								
PROJECT: Pittman North Detention Basin														
Design/Admin		PTNO 0181 thru 0183	50% Design left	\$1,830,317	\$12,959,986	\$428,459	\$524,434							
Right-of-way				\$1,464,253										
Construction			90% left after mining	\$11,178,167		\$12,007,093								
PROJECT: Pittman North Detention Basin to Larson Lane														
Design/Admin		PTSD 0000 thru 0043		\$513,552	\$4,353,637					\$270,690			\$197,194	
Right-of-way				\$410,842							\$360,920			
Construction				\$3,671,895									\$3,524,833	
PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.														
Design/Admin		PTLA 0000 thru 0126		\$939,781	\$1,263,001								\$541,285	
Right-of-way				\$751,827									\$721,716	
Construction				\$6,719,446										

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023					
		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16	(Year 4) FY 16/17	(Year 5) FY 17/18	(Year 6) FY 18/19	(Year 7) FY 19/20	(Year 8) FY 20/21	(Year 9) FY 21/22	(Year 10) FY 22/23	
TOTAL PLAN			Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836	
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources	\$650,350,667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400	
ENTITY RESOURCES			Annual Resources	\$67,711,256	\$25,723,598	\$3,030,470	\$3,446,185	\$3,852,605	\$4,297,227	\$4,850,490	\$5,045,716	\$5,429,773	\$5,816,672	\$6,218,520	
Unencumbered from previous year		\$11,249,873	Cumulative Available Resources		\$16,737,524	\$384,353	\$1,850,538	\$79,454	\$4,195,486	\$8,414,366	\$992,157	\$3,574,579	\$4,117,527	(\$956,692)	
ENTITY TOTAL			\$625,659,062	\$224,537,048	\$68,667,948	\$8,986,074	\$19,383,641	\$1,980,000	\$5,623,689	\$181,195	\$631,610	\$12,467,925	\$2,847,350	\$5,273,725	\$11,292,739
HYDROGRAPHIC BASIN: C-1			\$154,389,674	\$45,954,300	\$11,959,825	\$2,778,639	\$0	\$0	\$3,644,255	\$0	\$0	\$803,278	\$0	\$0	\$4,733,653
SYSTEM: C-1			\$154,389,674	\$45,954,300	\$11,959,825	\$2,778,639	\$0	\$0	\$3,644,255	\$0	\$0	\$803,278	\$0	\$0	\$4,733,653
	PROJECT: Center Street Storm Drain														
	Design/Admin	C1CT 0000 thru 0048	Design Started 09/10	\$582,908	\$3,644,255				\$193,073						
	Right-of-way		HEN23A09	\$466,326											
	Construction			\$4,167,789				\$3,451,182							
	PROJECT: Racetrack Channel - Drake to Burkholder														
	Design/Admin	C1RT 0001 thru 0041	Design Started 09/10	\$403,757	\$2,378,639	\$126,021									
	Right-of-way		HEN04P09	\$323,006											
	Construction			\$2,886,862		\$2,252,618									
	PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead														
	Design/Admin	C1CH 0161		\$634,109	\$5,536,930							\$344,262			\$250,790
	Right-of-way			\$507,287						\$459,016					
	Construction			\$4,533,880							\$4,482,863				
	PROJECT: C-1 Channel Lake Mead - C-1 to Shoshone														
	Design/Admin	C1LM 0000		\$1,608,291	\$400,000										
	Right-of-way			\$1,286,633											
Construction	Dev Part 44%		\$11,499,282	\$400,000											

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023						
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16	(Year 4) FY 16/17	(Year 5) FY 17/18	(Year 6) FY 18/19	(Year 7) FY 19/20	(Year 8) FY 20/21	(Year 9) FY 21/22	(Year 10) FY 22/23	
TOTAL PLAN					Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources		\$650,350,667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400	
ENTITY RESOURCES					Annual Resources	\$262,250,968	\$72,804,342	\$13,673,358	\$15,549,048	\$17,382,800	\$19,388,917	\$21,885,216	\$22,766,067	\$24,498,917	\$26,244,591	\$28,057,713
Unencumbered from previous year		\$7,499,474	Cumulative Available Resources			\$42,090,550	\$19,624,519	\$3,875,683	\$7,074,871	\$4,234,761	\$1,996,387	\$7,345,595	\$3,146,468	\$12,955,466	(\$732,513)	
ENTITY TOTAL			\$1,034,304,336	\$1,268,245,462	\$262,983,482	\$30,713,793	\$36,139,388	\$31,297,884	\$14,183,612	\$22,229,027	\$24,123,590	\$17,416,859	\$28,698,044	\$16,435,592	\$41,745,693	
HYDROGRAPHIC BASIN: CENTRAL			\$471,498,118	\$596,976,376	\$104,921,115	\$19,773,439	\$18,849,518	\$6,958,092	\$247,071	\$0	\$1,050,983	\$6,085,485	\$0	\$14,993,050	\$36,963,478	
SYSTEM: LV Wash I-15 Tributary			\$87,415,667	\$134,584,448	\$16,305,882	\$0	\$7,835,518	\$0	\$0	\$0	\$0	\$537,519	\$0	\$541,882	\$7,390,963	
PROJECT: Freeway Channel - Washington, Valley View to Decatur																
Design/Admin		LV15 0602		\$940,817	\$541,882										\$541,882	
Right-of-way				\$752,654												
Construction				\$6,726,843												
PROJECT: Freeway Channel - Washington, Rancho to Valley View																
Design/Admin		LV15 0528		\$990,076	\$7,928,482							\$537,519			\$391,574	
Right-of-way				\$792,061												
Construction				\$7,079,045											\$6,999,389	
PROJECT: Freeway Channel - Washington, MLK to Rancho																
Design/Admin		LV15 0424, 0472 & 0474	Design Started 11/12	\$1,303,944	\$7,835,518		\$415,127									
Right-of-way			LAS14C11	\$1,043,155												
Construction				\$9,323,200			\$7,420,391									
SYSTEM: LV Wash Central			\$382,105,195	\$240,460,892	\$53,693,202	\$12,273,439	\$11,014,000	\$6,958,092	\$0	\$0	\$1,050,983	\$538,674	\$0	\$14,451,168	\$7,406,846	
PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (CLV Segment)																
Design/Admin		LVMD 1071 thru 1149	Design Started 11/12	\$1,382,663	\$11,500,000	\$486,000										
Right-of-way			CLA15D12 / LAS28C12	\$1,106,130												
Construction				\$9,886,041			\$11,014,000									
PROJECT: Oakey - Meadows Storm Drain																
Design/Admin		MEOK 0070 thru 0110	Design Started 03/04 LAS05E03	\$1,502,879	\$11,255,950											
Construction						\$21,485,887										
Design/Admin		MEOK 0150 thru 0217		\$981,664		\$306,397										
Construction						\$14,032,492	\$10,949,554									
PROJECT: Cedar Avenue Channel - Stewart & Charleston																
Design/Admin		CACN 0001, CNST 0000, CACN 0035		\$1,135,223	\$7,489,581	\$531,489		\$368,641								
Right-of-way				\$908,179												
Construction				\$8,116,846			\$6,589,451									
PROJECT: Owens Avenue East - LV Wash to Mojave																
Design/Admin		LVOE 0000		\$1,993,920	\$15,502,151						\$1,050,983			\$765,625		
Right-of-way				\$1,595,136												
Construction				\$14,256,529										\$13,685,543		
PROJECT: Owens Avenue East - Mojave to Eastern																
Design/Admin		LVOE 0085		\$992,204	\$7,945,520							\$538,674			\$392,416	
Right-of-way				\$793,763												
Construction				\$7,094,257											\$7,014,430	
SYSTEM: Sahara Boulder Highway			\$1,977,256	\$221,931,036	\$34,922,031	\$7,500,000	\$0	\$0	\$247,071	\$0	\$0	\$5,009,292	\$0	\$0	\$22,165,668	
PROJECT: Boulder Highway Sahara Avenue - Mojave to Boulder Hwy																
Design/Admin		BHSA 0000	Design Started 09/10	\$497,288	\$3,644,332				\$247,071			\$179,987				
Right-of-way			LAS27A09	\$397,831												
Construction				\$3,555,611								\$3,217,274				
PROJECT: Boulder Highway Sahara Avenue - Eastern to Mojave																
Design/Admin		BHSA 0026		\$1,553,335	\$12,439,031							\$843,316			\$614,343	
Right-of-way				\$1,242,668												
Construction				\$11,106,345											\$10,981,373	
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb																
Design/Admin		LVBZ 0000		\$1,415,926	\$11,338,669							\$768,715			\$559,997	
Right-of-way				\$1,132,741												
Construction				\$10,123,873											\$10,009,956	
PROJECT: Flamingo - Boulder Hwy. North, Main St.																
Design/Admin		FLBN 0342	Design Started 10/11	\$399,028	\$7,500,000	\$500,000										
Right-of-way			LAS29A10	\$319,223												
Construction			Engr's Est.	\$2,853,055		\$7,000,000										

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023						
		Fac. ID	Existing Value/	Project Cost	Total	(Year 1)	(Year 2)	(Year 3)	(Year 4)	(Year 5)	(Year 6)	(Year 7)	(Year 8)	(Year 9)	(Year 10)	
		Mile Range	Comments	Per MPU	Plan	FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 20/21	FY 21/22	FY 22/23	
TOTAL PLAN					Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources		\$650,350,667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400	
ENTITY RESOURCES					Annual Resources	\$262,250,968	\$72,804,342	\$13,673,358	\$15,549,048	\$17,382,800	\$19,388,917	\$21,885,216	\$22,766,067	\$24,498,917	\$26,244,591	\$28,057,713
Unencumbered from previous year		\$7,499,474	Cumulative Available Resources			\$42,090,550	\$19,624,519	\$3,875,683	\$7,074,871	\$4,234,761	\$1,996,387	\$7,345,595	\$3,146,468	\$12,955,466	(\$732,513)	
ENTITY TOTAL			\$1,034,304,336	\$1,268,245,462	\$262,983,482	\$30,713,793	\$36,139,388	\$31,297,884	\$14,183,612	\$22,229,027	\$24,123,590	\$17,416,859	\$28,698,044	\$16,435,592	\$41,745,693	
HYDROGRAPHIC BASIN: GOWAN			\$367,632,819	\$231,300,483	\$86,872,735	\$1,107,082	\$12,523,957	\$9,833,593	\$10,152,608	\$1,284,420	\$5,716,900	\$11,331,374	\$28,698,044	\$1,442,542	\$4,782,215	
SYSTEM: Gowan North			\$195,013,054	\$230,164,471	\$86,872,735	\$1,107,082	\$12,523,957	\$9,833,593	\$10,152,608	\$1,284,420	\$5,716,900	\$11,331,374	\$28,698,044	\$1,442,542	\$4,782,215	
PROJECT: Gowan Outfall - Simmons, Alexander to Craig																
Design/Admin		GOOF 0199 & 0224	Design Started 06/07	\$254,734	\$12,643,218	\$119,261	\$81,098									
Right-of-way			NLV04F07	\$407,574												
Construction				\$15,633,579			\$12,442,859									
PROJECT: Gowan Outfall - Alexander Rd, Ferrell to Simmons																
Design/Admin		GOOF 0275 thru 0285		\$1,299,657	\$11,629,297				\$645,717			\$470,395				
Right-of-way				\$1,039,726												
Construction				\$11,618,780								\$10,513,185				
PROJECT: Gowan Outfall - Alexander Rd, Decatur to Ferrell																
Design/Admin		GOOF 0325 thru 0375		\$2,509,900	\$18,945,385					\$1,284,420			\$935,680			
Right-of-way				\$2,007,920												
Construction				\$17,945,787									\$16,725,285			
PROJECT: Gowan Outfall - El Capitan Branch, Lone Mtn to Washburn																
Design/Admin		GOEC 0000 thru 0026		\$721,470	\$5,136,644			\$351,424			\$253,522					
Right-of-way				\$577,176												
Construction				\$5,158,512							\$4,531,699					
PROJECT: Gowan Outfall - El Capitan Branch, Washburn to Ann Road																
Design/Admin		GOEC 0051 thru 0076		\$640,614	\$5,130,009							\$347,794			\$253,362	
Right-of-way				\$512,492												
Construction				\$4,580,393											\$4,528,853	
PROJECT: Gowan Outfall - Alexander Rd, Rancho to Decatur																
Design/Admin		GOAL 0000		\$1,520,651	\$10,218,830	\$711,938			\$503,676							
Right-of-way				\$1,216,520												
Construction				\$10,872,652					\$9,003,215							
PROJECT: Gowan Outfall - Rancho, Craig to Alexander																
Design/Admin		GOAL 0100 thru 0111		\$957,765	\$5,870,402			\$311,015								
Right-of-way				\$766,212												
Construction				\$6,848,019				\$5,559,387								
PROJECT: Gowan Outfall - Alexander Branch																
Design/Admin		GOA2 0000		\$432,211	\$3,269,077						\$227,816		\$161,126			
Right-of-way				\$345,769												
Construction				\$3,090,308									\$2,880,135			
PROJECT: Gowan Outfall - Craig, US-95 to Rancho																
Design/Admin		GOAL 0168		\$1,136,331	\$8,594,771						\$598,953		\$423,619			
Right-of-way				\$909,065												
Construction				\$8,124,768									\$7,572,198			
PROJECT: Gowan Outfall - US-95, Lone Mountain to Craig																
Design/Admin		GOAL 0247		\$199,037	\$1,547,453						\$104,911			\$76,426		
Right-of-way				\$159,229												
Construction				\$1,423,113										\$1,366,116		
PROJECT: Gowan Outfall - Buffalo Branch, Lone Mountain to Washburn																
Design/Admin		GOBU 0112 & 0136		\$589,266	\$3,887,649	\$275,883		\$191,352								
Right-of-way				\$471,412												
Construction				\$4,213,246					\$3,420,415							

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023						
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16	(Year 4) FY 16/17	(Year 5) FY 17/18	(Year 6) FY 18/19	(Year 7) FY 19/20	(Year 8) FY 20/21	(Year 9) FY 21/22	(Year 10) FY 22/23	
TOTAL PLAN					Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources		\$650,350,667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400	
ENTITY RESOURCES					Annual Resources	\$262,250,968	\$72,804,342	\$13,673,358	\$15,549,048	\$17,382,800	\$19,388,917	\$21,885,216	\$22,766,067	\$24,498,917	\$26,244,591	\$28,057,713
Unencumbered from previous year		\$7,499,474	Cumulative Available Resources			\$42,090,550	\$19,624,519	\$3,875,683	\$7,074,871	\$4,234,761	\$1,996,387	\$7,345,595	\$3,146,468	\$12,955,466	(\$732,513)	
ENTITY TOTAL			\$1,034,304,336	\$1,268,245,462	\$262,983,482	\$30,713,793	\$36,139,388	\$31,297,884	\$14,183,612	\$22,229,027	\$24,123,590	\$17,416,859	\$28,698,044	\$16,435,592	\$41,745,693	
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH			\$195,173,399	\$439,968,603	\$71,189,632	\$9,833,271	\$4,765,914	\$14,506,199	\$3,783,934	\$20,944,607	\$17,355,707	\$0	\$0	\$0	\$0	
SYSTEM: Ann Road			\$81,265,485	\$33,976,666	\$15,558,275	\$8,539,219	\$3,212,647	\$260,416	\$0	\$0	\$3,545,993	\$0	\$0	\$0	\$0	
PROJECT: Rancho Road System - Fort Apache to Grand Canyon																
Design/Admin		RCHB 0275	Design Started 11/12	\$534,631	\$3,212,647		\$170,206									
Right-of-way			LAS16L11	\$427,705												
Construction				\$3,822,614			\$3,042,441									
PROJECT: Rancho Road System - Grand Canyon to Hualapai																
Design/Admin		RCHB 0295		\$534,631	\$3,806,409			\$260,416			\$187,867					
Right-of-way				\$427,705												
Construction				\$3,822,614					\$3,358,126							
PROJECT: Rancho Road System - Beltway to Echelon Point																
Design/Admin		RCHB 0227	Design Started 09/10	\$537,241	\$3,165,027	\$167,684										
Right-of-way			LAS16J09	\$429,793												
Construction				\$3,841,271			\$2,997,344									
PROJECT: Rancho Road System - Echelon Point to Elkhorn																
Design/Admin		RCHB 0250	Design Started 09/10	\$912,230	\$5,374,191	\$284,725										
Right-of-way			LAS16J09	\$729,784												
Construction				\$6,522,448			\$5,089,466									
SYSTEM: Upper Western Tributary			\$83,168,252	\$272,039,763	\$55,631,357	\$1,294,052	\$1,553,266	\$14,245,783	\$3,783,934	\$20,944,607	\$13,809,714	\$0	\$0	\$0	\$0	
PROJECT: Centennial Parkway Channel West - US 95, Elkhorn to Durango																
Design/Admin		CN95 0068		\$1,420,441	\$9,825,132		\$678,323			\$484,599						
Right-of-way				\$1,136,353												
Construction				\$10,156,156						\$8,662,210						
PROJECT: Centennial Pkwy Channel West - US 95 Branch, Durango to Grand Teton																
Design/Admin		CN95 0102 thru 0167		\$1,206,904	\$8,592,787			\$587,876			\$424,101					
Right-of-way				\$965,524												
Construction				\$8,629,369						\$7,580,810						
PROJECT: Centennial Parkway Channel West - CC 215, Pioneer to US 95																
Design/Admin		CNWE 0301 thru 0304		\$2,158,757	\$14,242,292	\$1,010,687		\$701,012								
Right-of-way				\$1,727,005												
Construction				\$15,435,108				\$12,530,593								
PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Elkhorn																
Design/Admin		CNWE 0325 and CN95 0000		\$1,832,176	\$12,672,742		\$874,944			\$625,067						
Right-of-way				\$1,465,941												
Construction				\$13,099,659						\$11,172,731						
PROJECT: Brent Drainage System - Durango to El Capitan																
Design/Admin		BRDB 0107 thru 0157		\$875,193	\$6,231,105			\$426,302			\$307,539					
Right-of-way				\$700,155												
Construction				\$6,257,632						\$5,497,264						
PROJECT: Brent Drainage System - Floyd Lamb Park to Durango																
Design/Admin		BRDB 0043		\$605,249	\$4,067,299	\$283,365			\$200,473							
Right-of-way				\$484,200												
Construction				\$4,327,534					\$3,583,460							

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023							
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16	(Year 4) FY 16/17	(Year 5) FY 17/18	(Year 6) FY 18/19	(Year 7) FY 19/20	(Year 8) FY 20/21	(Year 9) FY 21/22	(Year 10) FY 22/23			
TOTAL PLAN					Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836	
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources		\$650,350,667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400		
ENTITY RESOURCES					Annual Resources	\$116,504,301	\$41,928,221	\$5,382,547	\$6,120,917	\$6,842,777	\$7,632,490	\$8,615,163	\$8,961,912	\$9,644,052	\$10,331,241	\$11,044,980	
Unencumbered from previous year		\$16,220,816	Cumulative Available Resources			\$24,889,238	\$9,423,288	\$5,250,397	\$4,138,500	\$687,529	\$1,621,475	\$1,733,848	\$10,571,362	\$8,940,571	\$9,383,651		
ENTITY TOTAL					\$498,594,396	\$457,902,928	\$107,120,650	\$17,038,983	\$20,848,497	\$10,293,809	\$7,954,674	\$11,083,460	\$7,681,217	\$8,849,539	\$806,539	\$11,962,031	\$10,601,900
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH		\$269,907,523	\$225,301,453	\$35,370,346	\$12,704,628	\$7,899,952	\$3,815,488	\$0	\$0	\$0	\$0	\$763,104	\$0	\$10,187,175			
SYSTEM: Lower Western Tributary		\$101,096,096	\$22,970,596	\$7,498,543	\$7,498,543	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	PROJECT: Colton Channel I-15 to Fifth Street																
	Design/Admin	LVCL 0000	Design Started 07/08	\$609,764	\$5,658,856	\$190,320											
	Right-of-way		NLV18A07	\$487,811													
	Construction			\$4,359,812													
	PROJECT: Brooks Channel																
	Design/Admin	LVBR 0000, 0005, 0011, 0014, 0026	Design Started 07/08	\$73,089	\$1,839,687	\$22,813											
	Right-of-way		NLV18B07	\$58,471		\$45,625											
	Construction			\$522,585		\$1,771,250											
	SYSTEM: LV Wash Craig		\$122,551,526	\$52,864,411	\$8,284,178	\$4,468,690	\$0	\$3,815,488	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
		PROJECT: Fifth Street Collector - Centennial to Deer Springs															
		Design/Admin	LV5C 0000 & 0002		\$608,747	\$4,489,563	\$285,003		\$197,678								
		Right-of-way			\$498,618		\$389,072										
Construction				\$4,456,396				\$3,617,810									
PROJECT: Ann Road Channel East, Las Vegas Wash to Fifth Street																	
Design/Admin		ANEA 0040	Design Started 11/12	\$582,398	\$3,794,615	\$181,778											
Right-of-way			NLV01G11	\$465,918		\$363,556											
Construction				\$4,164,144		\$3,249,282											
SYSTEM: Cheyenne Lamb Nellis		\$46,259,901	\$149,466,446	\$19,587,625	\$737,395	\$7,899,952	\$0	\$0	\$0	\$0	\$0	\$763,104	\$0	\$10,187,175			
	PROJECT: Lake Mead Drain to Las Vegas Wash																
	Design/Admin	LVLE 0000 & 0047		\$1,364,650	\$10,950,279								\$763,104		\$539,718		
	Right-of-way			\$1,091,720													
	Construction			\$9,757,249									\$9,647,457				
	PROJECT: Las Vegas Boulevard Drain																
	Design/Admin	LVLV 0000		\$1,119,400	\$7,250,654	\$524,081	\$356,375										
	Right-of-way			\$895,520													
	Construction			\$8,003,707		\$6,370,198											
	PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan																
	Design/Admin	LVNC 0038		\$195,267	\$1,386,692	\$91,420	\$62,166										
	Right-of-way			\$156,214		\$121,894											
	Construction			\$1,396,161		\$1,111,213											
	HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH		\$75,173,771	\$17,315,363	\$3,000,000	\$330,000	\$2,670,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	SYSTEM: Lower Las Vegas Wash		\$75,173,771	\$17,315,363	\$3,000,000	\$330,000	\$2,670,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
		PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (NLV Segment)															
		Design/Admin	LVMD 0883 & 0911	Design Started 11/12	\$427,273	\$3,000,000	\$330,000										
Right-of-way		CLA15D12 / LAS28C12		\$341,818													
Construction		Eng. Est		\$3,008,874	\$2,670,000												

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023						
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16	(Year 4) FY 16/17	(Year 5) FY 17/18	(Year 6) FY 18/19	(Year 7) FY 19/20	(Year 8) FY 20/21	(Year 9) FY 21/22	(Year 10) FY 22/23		
TOTAL PLAN				Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836	
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources	\$650,350,667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400		
ENTITY RESOURCES				Annual Resources	\$116,504,301	\$41,928,221	\$5,382,547	\$6,120,917	\$6,842,777	\$7,632,490	\$8,615,163	\$8,961,912	\$9,644,052	\$10,331,241	\$11,044,980	
Unencumbered from previous year		\$16,220,816	Cumulative Available Resources		\$24,889,238	\$9,423,288	\$5,250,397	\$4,138,500	\$687,529	\$1,621,475	\$1,733,848	\$10,571,362	\$8,940,571	\$9,383,651		
ENTITY TOTAL			\$498,594,396	\$457,902,928	\$107,120,650	\$17,038,983	\$20,848,497	\$10,293,809	\$7,954,674	\$11,083,460	\$7,681,217	\$8,849,539	\$806,539	\$11,962,031	\$10,601,900	
HYDROGRAPHIC BASIN: RANGE			\$153,513,102	\$215,286,112	\$68,750,304	\$4,004,355	\$10,278,545	\$6,478,321	\$7,954,674	\$11,083,460	\$7,681,217	\$8,849,539	\$43,435	\$11,962,031	\$414,725	
SYSTEM: Lower Range			\$78,320,739	\$34,332,276	\$11,071,771	\$0	\$0	\$223,246	\$359,242	\$493,359	\$695,704	\$4,742,330	\$43,435	\$4,099,730	\$414,725	
PROJECT: Range Wash - Alto Conveyance, Confluence DB to Los Feliz																
Design/Admin		RWAL 0000 thru 0068	\$565,666	\$4,795,434						\$298,159			\$217,204			
Right-of-way			\$452,532							\$397,545						
Construction			\$4,044,512											\$3,882,526		
PROJECT: Orchard Collector - Charleston to Linden																
Design/Admin		SLOR 0158	Design Started 00/01	\$22,449	\$223,246			\$7,290								
Right-of-way			CLA21A00	\$35,918												
Construction			Eng. Est.	\$266,014				\$215,957								
PROJECT: Owens Detention Basin & Outfall																
Design/Admin		SLWA 0130 thru 0175 & SLOW 0000 thru 0005	\$723,059	\$5,594,930				\$359,242			\$261,702					
Right-of-way			\$578,447					\$493,359								
Construction			\$4,951,822							\$4,480,627						
PROJECT: Range Wash - Sloan Channel, Stewart Bridge																
Design/Admin		RWSL 0188	\$77,675	\$458,161								\$43,435		\$30,720		
Right-of-way																
Construction			\$388,375												\$384,005	
SYSTEM: West Range			\$73,386,808	\$134,004,822	\$32,394,735	\$2,284,240	\$816,677	\$6,255,074	\$6,807,095	\$10,590,101	\$5,641,547	\$0	\$0	\$0	\$0	
PROJECT: Beltway Detention Basin & Channel																
Design/Admin		RWRR 0107 thru 0261 and RWBE 0000	\$1,138,060	\$8,050,336	\$532,817			\$376,953								
Right-of-way			\$910,450		\$710,424											
Construction			\$7,765,304					\$6,430,142								
PROJECT: Centennial Collector																
Design/Admin		RWCC 0000 & RWWE 0363	\$952,930	\$6,881,761	\$446,143		\$309,445									
Right-of-way			\$762,343		\$594,856											
Construction			\$6,813,443				\$5,531,317									
PROJECT: Vandenberg North Detention Basin, Collection & Outfall																
Design/Admin		RWWE 0397 thru 0439	\$1,710,162	\$11,406,778		\$816,677			\$583,441							
Right-of-way			\$1,368,132													
Construction			\$11,732,480						\$10,006,661							
PROJECT: Beltway Collection System - Pecos																
Design/Admin		RWWE 0463 & RWBW 0000	\$850,579	\$6,055,859			\$414,312			\$298,890						
Right-of-way			\$680,463													
Construction			\$6,081,640							\$5,342,657						
SYSTEM: East Range			\$1,805,555	\$46,949,014	\$25,283,798	\$1,720,115	\$9,461,868	\$0	\$788,337	\$0	\$1,343,967	\$4,107,209	\$0	\$7,862,301	\$0	
PROJECT: Hollywood System, Las Vegas Blvd to Azure																
Design/Admin		RWHW 0173 thru 0201	\$1,574,592	\$11,181,983	\$737,192	\$501,291										
Right-of-way			\$1,259,673		\$982,923											
Construction			\$11,258,336			\$8,960,577										
PROJECT: Hollywood System, Azure to Speedway #2 Detention Basin																
Design/Admin		RWHW 0277 thru 0412	\$1,092,759	\$9,206,268						\$575,986			\$419,597			
Right-of-way			\$874,206								\$767,981					
Construction			\$7,753,227											\$7,442,704		
PROJECT: Speedway North Detention Basin																
Design/Admin		RWHW 0500	\$680,020	\$4,895,546				\$337,859			\$246,125					
Right-of-way			\$544,016				\$450,478									
Construction			\$4,267,126									\$3,861,084				

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023					
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16	(Year 4) FY 16/17	(Year 5) FY 17/18	(Year 6) FY 18/19	(Year 7) FY 19/20	(Year 8) FY 20/21	(Year 9) FY 21/22	(Year 10) FY 22/23	
TOTAL PLAN				Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources		\$650,350,667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400
ENTITY RESOURCES				Annual Resources	\$197,344,751	\$66,597,101	\$9,436,744	\$10,731,263	\$11,996,837	\$13,381,369	\$15,104,204	\$15,712,128	\$16,908,065	\$18,112,852	\$19,364,188
Unencumbered from previous year		\$21,526,580	Cumulative Available Resources			\$34,420,706	\$25,282,501	\$2,203,764	\$1,921,210	\$4,007,605	\$5,772,638	\$5,354,854	\$4,751,706	\$5,825,771	\$3,660,069
ENTITY TOTAL		\$1,219,770,637	\$752,898,631	\$193,684,682	\$32,176,395	\$18,574,949	\$33,810,000	\$12,279,391	\$11,294,974	\$13,339,171	\$16,129,913	\$17,511,213	\$17,038,786	\$21,529,889	
HYDROGRAPHIC BASIN: Tropicana/ Flamingo		\$827,922,279	\$237,488,121	\$86,122,093	\$8,373,779	\$9,987,555	\$33,810,000	\$2,919,144	\$4,131,471	\$183,554	\$2,554,540	\$8,240,523	\$2,523,896	\$13,397,632	
SYSTEM: Tropicana Flamingo Project		\$439,474,908	\$57,520,990	\$1,845,000	\$1,845,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral														
	Design/Admin	FLOQ 0000	Design Started 04/05	\$1,226,044	\$1,845,000	\$150,000									
	Right-of-way		CLA01B04	\$980,836											
	Construction		Eng. Est.	\$8,766,218		\$1,695,000									
SYSTEM: Lower Flamingo		\$276,594,452	\$122,597,305	\$55,270,626	\$6,528,779	\$0	\$33,810,000	\$2,919,144	\$391,153	\$183,554	\$1,560,111	\$7,353,990	\$2,523,896	\$0	
	PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (CC Segment)														
	Design/Admin	LVMD 0916 thru 1069 & FLWA 0001	Design Started 11/12	\$5,234,249	\$35,700,000	\$1,890,000									
	Right-of-way		CLA15D12 / LAS28C12	\$4,187,599											
	Construction		Eng. Est	\$36,275,123		\$33,810,000									
PROJECT: Wagon Trail Channel - Sunset to Teco															
Design/Admin	WGTR 0111		\$228,368	\$1,824,854				\$113,462			\$82,655				
Right-of-way			\$182,694				\$151,282								
Construction			\$1,632,829					\$1,477,456							
PROJECT: Flamingo Wash, Maryland to Palos Verde															
Design/Admin	FLWA 0621 & 0673		\$348,238	\$2,707,450						\$183,554			\$133,716		
Right-of-way			\$278,591												
Construction			\$2,489,902							\$2,390,179					
PROJECT: Flamingo Wash, Tioga to Eastern															
Design/Admin	FLWA 0471 thru 0478 & 0482	Design Started 99/00	\$44,990	\$3,210,000	\$210,000										
Right-of-way		CLA04E99	\$35,992												
Construction		Eng. Est	\$321,680		\$3,000,000										
PROJECT: Las Vegas Wash - Christy															
Design/Admin	LVCH 0000 thru 0114		\$2,549,069	\$1,425,423								\$1,425,423			
Right-of-way			\$2,039,255												
Construction			\$18,225,846												
PROJECT: Flamingo Wash Maryland - UNLV															
Design/Admin	FLMR 0000		\$764,356	\$5,769,559					\$391,153			\$284,949			
Right-of-way			\$611,485												
Construction			\$5,465,145						\$5,093,458						
PROJECT: Airport Channel - Naples															
Design/Admin	TRMC 0013 thru 0031		\$424,578	\$2,853,180	\$198,779			\$140,631							
Right-of-way			\$339,662												
Construction			\$3,035,732		\$2,513,770										
PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos															
Design/Admin	VAVD 0000 & 0025		\$983,845	\$550,160								\$550,160			
Right-of-way			\$787,076												
Construction			\$7,034,493												
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.															
Design/Admin	FLWA 0893 & 0896	Design Started 09/10	\$41,525	\$1,230,000	\$100,000										
Right-of-way		CLA10F10	\$33,220												
Construction		Eng. Est.	\$296,901		\$1,130,000										
SYSTEM: Lower LV Wash Tributaries		\$22,192,092	\$49,964,867	\$29,006,467	\$0	\$9,987,555	\$0	\$0	\$3,740,318	\$0	\$994,429	\$886,533	\$0	\$13,397,632	
	PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista														
	Design/Admin	LV01 0151		\$581,000	\$4,017,771		\$277,453		\$198,215						
	Right-of-way			\$465,000											
	Construction			\$4,153,000		\$3,542,104									
PROJECT: Las Vegas Wash - Boulder Highway															
Design/Admin	LVBH 0000		\$1,585,378	\$886,533								\$886,533			
Right-of-way			\$1,268,302												
Construction			\$11,335,452												
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris															
Design/Admin	LV01 0001 thru 0135	Design Started 11/12	\$1,616,160	\$9,710,102		\$514,525									
Right-of-way		CLA35A11	\$1,292,529												
Construction			\$11,553,597		\$9,195,577										
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.															
Design/Admin	LV02 0001 thru 0294		\$1,831,677	\$14,392,061							\$994,429			\$724,427	
Right-of-way			\$1,465,341												
Construction			\$12,817,431											\$12,673,205	

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023					
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16	(Year 4) FY 16/17	(Year 5) FY 17/18	(Year 6) FY 18/19	(Year 7) FY 19/20	(Year 8) FY 20/21	(Year 9) FY 21/22	(Year 10) FY 22/23	
TOTAL PLAN				Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources		\$650,350,667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400
ENTITY RESOURCES				Annual Resources	\$197,344,751	\$66,597,101	\$9,436,744	\$10,731,263	\$11,996,837	\$13,381,369	\$15,104,204	\$15,712,128	\$16,908,065	\$18,112,852	\$19,364,188
Unencumbered from previous year		\$21,526,580	Cumulative Available Resources			\$34,420,706	\$25,282,501	\$2,203,764	\$1,921,210	\$4,007,605	\$5,772,638	\$5,354,854	\$4,751,706	\$5,825,771	\$3,660,069
ENTITY TOTAL		\$1,219,770,637	\$752,898,631	\$193,684,682	\$32,176,395	\$18,574,949	\$33,810,000	\$12,279,391	\$11,294,974	\$13,339,171	\$16,129,913	\$17,511,213	\$17,038,786	\$21,529,889	
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond		\$324,933,694	\$317,473,688	\$73,905,447	\$5,612,119	\$7,552,510	\$0	\$9,360,248	\$4,831,742	\$1,055,617	\$13,575,373	\$9,270,690	\$14,514,891	\$8,132,258	
SYSTEM: Blue Diamond Tributaries		\$40,999,871	\$84,772,428	\$19,266,496	\$304,867	\$0	\$0	\$4,071,048	\$780,267	\$0	\$1,380,005	\$4,598,052	\$0	\$8,132,258	
	PROJECT: Blue Diamond Wash - Arville to I-15														
	Design/Admin	BDWA 0276		\$651,174	\$4,375,914	\$304,867				\$215,685					
	Right-of-way			\$520,939											
	Construction			\$4,655,895						\$3,855,363					
	PROJECT: Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.														
	Design/Admin	DCBD 0075, 0082 & 0084		\$653,455	\$5,378,319					\$334,400			\$243,605		
	Right-of-way			\$522,764						\$445,867					
	Construction			\$4,672,206								\$4,354,447			
	PROJECT: Blue Diamond Channel, Amigo to Rancho Destino														
	Design/Admin	BDWA 0087 thru 0174		\$1,089,378	\$9,512,263							\$591,430			\$430,848
	Right-of-way			\$871,503							\$788,574				
	Construction			\$7,789,055									\$7,701,410		
SYSTEM: Upper Duck Creek		\$69,101,764	\$116,698,799	\$37,701,069	\$556,408	\$0	\$0	\$4,366,322	\$339,824	\$1,055,617	\$12,195,368	\$4,672,637	\$14,514,891	\$0	
	PROJECT: Duck Creek, Sunset Park														
	Design/Admin	DCSP 0000		\$1,785,148	\$13,082,294							\$646,112			
	Right-of-way			\$1,428,118											
	Construction			\$12,763,806							\$11,549,256				
	PROJECT: Silverado Ranch Detention Basin														
	Design/Admin	BD02 0265 thru 0312		\$572,431	\$3,747,397	\$268,001				\$189,603					
	Right-of-way			\$457,945											
	Construction			\$3,972,889						\$3,289,793					
	PROJECT: Blue Diamond Channel 02, I-15 to Decatur														
	Design/Admin	BD02 0125 thru 0177 & 0359		\$1,540,699	\$11,978,480						\$812,093			\$591,597	
	Right-of-way			\$1,232,559											
	Construction			\$11,015,990								\$10,574,791			
PROJECT: Blue Diamond Wash Railroad															
Design/Admin	BDW5 0026		\$462,014	\$3,880,435						\$243,525			\$177,404		
Right-of-way			\$369,611		\$288,407										
Construction			\$3,303,403								\$3,171,099				
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones															
Design/Admin	DCW4 0298		\$664,055	\$5,012,462					\$339,824			\$247,557			
Right-of-way			\$531,244												
Construction			\$4,747,994								\$4,425,081				
SYSTEM: Lower Duck Creek		\$147,986,581	\$39,415,933	\$5,189,907	\$4,267,029	\$0	\$0	\$922,878	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	PROJECT: Duck Creek @ Dean Martin														
	Design/Admin	DCWA 1447		\$147,617	\$991,989	\$69,111				\$48,894					
	Right-of-way			\$118,093											
	Construction			\$1,055,458						\$873,983					
	PROJECT: Duck Creek - Sunset to Sandhill														
	Design/Admin	DCWA 0648, 0656 & 0670	Design Started 11/12	\$368,219	\$4,197,918	\$350,000									
Right-of-way	HEN24A11		\$294,575												
Construction	Eng. Est.		\$2,632,767	\$3,847,918											
SYSTEM: Central Duck Creek		\$66,845,478	\$76,586,528	\$11,747,975	\$483,815	\$7,552,510	\$0	\$0	\$3,711,651	\$0	\$0	\$0	\$0	\$0	\$0
	PROJECT: Duck Creek Las Vegas Boulevard														
	Design/Admin	DCLV 0000 thru 0059	Split with SID	\$2,101,360	\$7,761,070	\$483,815				\$318,994					
	Right-of-way			\$1,681,088											
	Construction			\$15,024,716						\$6,958,262					
	PROJECT: Duck Creek Haven Street														
	Design/Admin	DCHV 0026 thru 0057		\$576,396	\$3,986,905					\$275,254			\$196,644		
Right-of-way			\$461,117												
Construction			\$4,121,230					\$3,515,007							

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023					
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16	(Year 4) FY 16/17	(Year 5) FY 17/18	(Year 6) FY 18/19	(Year 7) FY 19/20	(Year 8) FY 20/21	(Year 9) FY 21/22	(Year 10) FY 22/23	
TOTAL PLAN				Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources		\$650,350,667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400
ENTITY RESOURCES				Annual Resources	\$197,344,751	\$66,597,101	\$9,436,744	\$10,731,263	\$11,996,837	\$13,381,369	\$15,104,204	\$15,712,128	\$16,908,065	\$18,112,852	\$19,364,188
Unencumbered from previous year		\$21,526,580	Cumulative Available Resources			\$34,420,706	\$25,282,501	\$2,203,764	\$1,921,210	\$4,007,605	\$5,772,638	\$5,354,854	\$4,751,706	\$5,825,771	\$3,660,069
ENTITY TOTAL			\$1,219,770,637	\$752,898,631	\$193,684,682	\$32,176,395	\$18,574,949	\$33,810,000	\$12,279,391	\$11,294,974	\$13,339,171	\$16,129,913	\$17,511,213	\$17,038,786	\$21,529,889
HYDROGRAPHIC BASIN: Outlying Areas			\$66,914,664	\$197,936,822	\$33,657,142	\$18,190,497	\$1,034,884	\$0	\$0	\$2,331,761	\$12,100,000	\$0	\$0	\$0	\$0
SYSTEM: Goodsprings			\$152,707	\$3,471,538	\$388,337	\$388,337	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	PROJECT: Goodsprings - Phase I														
	Design/Admin	GSEA 0000	Design Started 09/10	\$62,275	\$388,337	\$19,437									
	Right-of-way	GSPA 0027 & 0029	GSP01B10	\$27,500		\$21,458									
	Construction	GSRV 0019		\$445,266		\$347,441									
SYSTEM: Muddy River & Tributaries			\$11,813,000	\$104,600,000	\$21,614,146	\$9,514,146	\$0	\$0	\$0	\$0	\$12,100,000	\$0	\$0	\$0	\$0
	PROJECT: Fairgrounds - Detention Basin														
	Design/Admin	FGWS 0000 thru 0166	Design Started 10/11	\$757,000	\$5,667,936	\$308,856									
	Right-of-way		MOA03A11	\$0											
	Construction			\$5,254,000		\$5,359,080									
	PROJECT: Muddy River Logandale Levee														
	Design/Admin	MRLI 0001, 0013, 0038	Design Started 09/10	\$451,000	\$3,846,210	\$312,700									
	Design/Admin		MOA01F10	\$0											
	Right-of-way														
	Construction			\$2,676,000		\$3,533,510									
	PROJECT: Ramos Ranch to Bryner Avenue														
Design/Admin	MRLV 0350, 0357, 0377 & 0388	MOA01B89	\$762,000	\$12,100,000						\$1,100,000					
Right-of-way			\$553,000												
Construction		Eng. Est.	\$5,452,000				\$11,000,000								
SYSTEM: Mount Charleston			\$671,995	\$1,156,969	\$981,524	\$0	\$73,422	\$0	\$0	\$908,101	\$0	\$0	\$0	\$0	\$0
	PROJECT: Rainbow Canyon Boulevard Bridge														
	Design/Admin	MTCH 0001		\$153,750	\$981,524		\$73,422			\$52,453					
	Right-of-way			\$0											
	Construction			\$1,003,219				\$855,648							
SYSTEM: Laughlin			\$42,945,107	\$76,323,693	\$2,385,121	\$0	\$961,462	\$0	\$0	\$1,423,659	\$0	\$0	\$0	\$0	\$0
	PROJECT: Hiko Detention Basin Expansion														
	Design/Admin	LUHS 0244		\$250,067	\$1,543,077		\$119,418			\$85,313					
	Right-of-way			\$0											
	Construction			\$1,569,167				\$1,338,346							
	PROJECT: SR 163 at Casino Drive														
	Design/Admin	LUBC 0000 thru 0031	Design Started 08/09	\$126,883	\$842,044		\$40,395								
Right-of-way	LAU04A08		\$31,728												
Construction			\$1,007,216			\$801,649									
SYSTEM: Searchlight			\$1,811,885	\$4,171,842	\$1,322,155	\$1,322,155	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	PROJECT: Searchlight - South, Encinitas St. Storm Drain														
	Design/Admin	SRSO 0000 thru 0030	Design Started 09/10	\$224,426	\$1,322,155	\$70,048									
	Right-of-way		SEA03A09	\$0											
	Construction			\$1,604,649		\$1,252,108									
SYSTEM: Bunkerville			\$9,519,970	\$8,212,780	\$6,965,859	\$6,965,859	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	PROJECT: Windmill Wash Detention Basin Expansion														
	Design/Admin	WIWA 0039, WIJE 0000 & JEWA 0165	Design Started 10/11	\$1,537,304	\$6,965,859	\$627,220									
	Design/Admin		BUN01D11	\$0											
	Construction			\$6,214,352		\$6,338,639									

EXHIBIT C

CITY OF BOULDER CITY
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023					
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16	(Year 4) FY 16/17	(Year 5) FY 17/18	(Year 6) FY 18/19	(Year 7) FY 19/20	(Year 8) FY 20/21	(Year 9) FY 21/22	(Year 10) FY 22/23	
TOTAL PLAN				Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources		\$650,350.667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400
ENTITY RESOURCES				Annual Resources	\$1,123,067	\$1,123,067	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unencumbered from previous year		\$2,053,331	Cumulative Available Resources			\$1,123,067	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000
ENTITY TOTAL			\$44,864,000	\$49,657,000	\$998,066	\$0	\$998,066	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
HYDROGRAPHIC BASIN: Boulder City			\$44,864,000	\$49,657,000	\$998,066	\$0	\$998,066	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SYSTEM: Hemenway			\$16,609,000	\$1,364,000	\$998,066	\$0	\$998,066	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Hemenway System, Phase II Improvements															
Design/Admin	HMLV 0006 & 0019 HMTN 0034,	Design Started 09/10	\$180,000	\$998,066		\$57,305									
Right-of-way	HMLM 0066 & 0085, HMWA 0005, 0105, 0158,	BOU01C10	\$0												
Construction	0173, 0175, & 0182		\$1,182,000			\$940,761									

EXHIBIT C

CITY OF MESQUITE
10-YEAR CONSTRUCTION PROGRAM

Adopted June 13, 2013

Adopted June 13, 2013					FIRST FIVE YEARS 7/2013 THRU 6/2018					SECOND FIVE YEARS 7/2018 THRU 6/2023						
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16	(Year 4) FY 16/17	(Year 5) FY 17/18	(Year 6) FY 18/19	(Year 7) FY 19/20	(Year 8) FY 20/21	(Year 9) FY 21/22	(Year 10) FY 22/23	
TOTAL PLAN					Annual Resources	\$655,218,067	\$152,417,962	\$32,523,119	\$36,847,413	\$41,075,019	\$45,700,003	\$51,455,073	\$53,485,823	\$57,528,107	\$61,627,282	\$65,884,836
Unencumbered from previous year		\$56,673,431	Cumulative Available Resources		\$650,350,667	\$119,953,600	\$56,532,179	\$14,837,511	\$14,079,756	\$13,640,959	\$11,856,856	\$7,228,332	\$14,122,538	\$24,152,786	\$4,867,400	
ENTITY RESOURCES					Annual Resources	\$10,283,724	\$915,064	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,047,300	\$1,121,926	\$1,199,434
Unencumbered from previous year		(\$1,876,643)	Cumulative Available Resources			\$692,517	\$1,692,517	\$1,532,129	\$740,722	\$390,577	(\$6,073,010)	(\$8,323,122)	(\$8,046,577)	(\$7,811,550)	(\$6,612,116)	
ENTITY TOTAL			\$51,329,343	\$39,145,652	\$16,895,840	\$222,547	\$0	\$1,160,388	\$1,791,407	\$1,350,145	\$7,463,587	\$3,250,112	\$770,755	\$886,899	\$0	
HYDROGRAPHIC BASIN: Mesquite			\$51,329,343	\$39,145,652	\$16,895,840	\$222,547	\$0	\$1,160,388	\$1,791,407	\$1,350,145	\$7,463,587	\$3,250,112	\$770,755	\$886,899	\$0	
SYSTEM: Town Wash			\$22,881,796	\$10,064,098	\$10,487,328	\$122,547	\$0	\$1,160,388	\$1,791,407	\$0	\$7,412,986	\$0	\$0	\$0	\$0	
PROJECT: Town Wash - Mesa Boulevard, Pioneer to Town Wash																
Design/Admin		TWMB 0000		\$200,240	\$1,913,954	\$122,547			\$86,698							
Right-of-way		thru 0022		\$160,192												
Construction		TOWA 0120		\$1,574,887					\$1,704,708							
PROJECT: Town Wash Mesa Boulevard, Chaparral to Pioneer																
Design/Admin		TWMB 0024 thru		\$781,043	\$8,573,375			\$497,309			\$358,765					
Right-of-way		0094		\$624,834				\$663,079								
Construction				\$6,142,907						\$7,054,221						
SYSTEM: Virgin River			\$0	\$18,421,812	\$6,408,511	\$100,000	\$0	\$0	\$0	\$1,350,145	\$50,601	\$3,250,112	\$770,755	\$886,899	\$0	
PROJECT: Virgin River Flood Wall																
Design/Admin		VREC		\$286,875	\$4,700,256	\$100,000						\$135,727				
Right-of-way		0000,0028,0054		\$1,210,995						\$1,350,145						
Construction				\$2,633,055								\$3,114,385				
PROJECT: Virgin River Erosion Protection, Phase I																
Design/Admin		VREC 0203,0323,		\$73,440	\$1,708,255						\$50,601			\$36,862		
Right-of-way		0508, 0519		\$632,655									\$770,755			
Construction				\$677,409										\$850,037		

EXHIBIT D

EXHIBIT D
FISCAL YEAR 2013 - 2014
PROJECT LIST

	Facility ID Mile Range	(Year 1) FY 13/14	(Year 2) FY 14/15	(Year 3) FY 15/16
CITY OF HENDERSON	TOTAL ELIGIBLE YEAR 1	\$30,349,715		
	ENTITY TOTAL	\$8,986,075	\$19,383,641	\$1,980,000
HYDROGRAPHIC BASIN: PITTMAN		\$6,207,436	\$19,383,641	\$1,980,000
SYSTEM: Pittman Burns		\$892,153	\$2,549,329	\$0
PROJECT: Pittman West Horizon - Palm Hills				
Design/Admin	PTWH 0032	\$35,986		
Construction		\$715,227		
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road				
Design/Admin	PTHR 0104, 0139, 0140, 0150 & 0203 thru 0205		\$146,122	
Construction			\$2,403,207	
PROJECT: Pioneer Detention Basin Expansion and Inflow				
Design/Admin	PTVW 0186 & PTIS 0000	\$12,816		
Construction		\$128,124		
SYSTEM: Pittman Beltway		\$2,156,029	\$0	\$0
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights				
Design/Admin	PTAP 0018	\$37,472		
Construction		\$2,118,557		
SYSTEM: Lower Pittman		\$2,200,000	\$0	\$1,980,000
PROJECT: Pittman Wash Duck Creek at I-515				
Design/Admin	PTDC 0074			\$180,000
Construction				\$1,800,000
PROJECT: Pittman Wash - UPRR to Santiago				
Design/Admin	PTWA 0048, 0056 & 0092	\$200,000		
Construction		\$2,000,000		
SYSTEM: Upper Pittman		\$959,254	\$16,834,311	\$0
PROJECT: Pittman North Detention Basin Outfall				
Design/Admin	PTNO 0180	\$83,810	\$227,962	
Right-of-way		\$446,985		
Construction			\$4,074,822	
PROJECT: Pittman North Detention Basin				
Design/Admin	PTNO 0181 thru 0183	\$428,459	\$524,434	
Construction			\$12,007,093	
HYDROGRAPHIC BASIN: C-1		\$2,778,639	\$0	\$0
SYSTEM: C-1		\$2,778,639	\$0	\$0
PROJECT: Racetrack Channel - Drake to Burkholder				
Design/Admin	C1RT 0001 thru 0041	\$126,021		
Construction		\$2,252,618		
PROJECT: C-1 Channel Lake Mead - C-1 to Shoshone				
Construction	C1LM 0000	\$400,000		

EXHIBIT D
FISCAL YEAR 2013 - 2014
PROJECT LIST

CITY OF LAS VEGAS		TOTAL ELIGIBLE YEAR 1	\$94,971,781		
		ENTITY TOTAL	\$30,713,793	\$34,586,122	\$29,671,866
HYDROGRAPHIC BASIN: CENTRAL			\$19,773,439	\$18,849,518	\$6,958,092
SYSTEM: LV Wash I-15 Tributary			\$0	\$7,835,518	\$0
PROJECT: Freeway Channel - Washington, MLK to Rancho					
	Design/Admin	LV15 0424, 0472 & 0474		\$415,127	
	Construction			\$7,420,391	
SYSTEM: LV Wash Central			\$12,273,439	\$11,014,000	\$6,958,092
PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (CLV Segment)					
	Design/Admin	LVMD 1071 thru 1149	\$486,000		
	Construction			\$11,014,000	
PROJECT: Oakey - Meadows Storm Drain					
	Design/Admin	MEOK 0150 thru 0217	\$306,397		
	Construction		\$10,949,554		
PROJECT: Cedar Avenue Channel - Stewart & Charleston					
	Design/Admin	CACN 0001, CNST 0000, CACN 0035	\$531,489		\$368,641
	Construction				\$6,589,451
SYSTEM: Sahara Boulder Highway			\$7,500,000	\$0	\$0
PROJECT: Flamingo - Boulder Hwy. North, Main St.					
	Design/Admin	FLBN 0342	\$500,000		
	Construction		\$7,000,000		
HYDROGRAPHIC BASIN: GOWAN			\$1,107,082	\$12,523,957	\$9,482,169
SYSTEM: Gowan North			\$1,107,082	\$12,523,957	\$9,482,169
PROJECT: Gowan Outfall - Simmons, Alexander to Craig					
	Design/Admin	GOOF 0199 & 0224	\$119,261	\$81,098	
	Construction			\$12,442,859	
PROJECT: Gowan Outfall - Alexander Rd, Rancho to Decatur					
	Design/Admin	GOAL 0000	\$711,938		
PROJECT: Gowan Outfall - Rancho, Craig to Alexander					
	Design/Admin	GOAL 0100 thru 0111			\$311,015
	Construction				\$5,559,387
PROJECT: Gowan Outfall - Buffalo Branch, Lone Mountain to Washburn					
	Design/Admin	GOBU 0112 & 0136	\$275,883		\$191,352
	Construction				\$3,420,415
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH			\$9,833,271	\$3,212,647	\$13,231,605
SYSTEM: Ann Road			\$8,539,219	\$3,212,647	\$0
PROJECT: Rancho Road System - Fort Apache to Grand Canyon					
	Design/Admin	RCHB 0275		\$170,206	
	Construction			\$3,042,441	
PROJECT: Rancho Road System - Beltway to Echelon Point					
	Design/Admin	RCHB 0227	\$167,684		
	Construction		\$2,997,344		
PROJECT: Rancho Road System - Echelon Point to Elkhorn					
	Design/Admin	RCHB 0250	\$284,725		
	Construction		\$5,089,466		
SYSTEM: Upper Western Tributary			\$1,294,052	\$0	\$13,231,605
PROJECT: Centennial Parkway Channel West - CC 215, Pioneer to US 95					
	Design/Admin	CNWE 0301 thru 0304	\$1,010,687		\$701,012
	Construction				\$12,530,593
PROJECT: Brent Drainage System - Floyd Lamb Park to Durango					
	Design/Admin	BRDB 0043	\$283,365		

EXHIBIT D
FISCAL YEAR 2013 - 2014
PROJECT LIST

CITY OF NORTH LAS VEGAS		TOTAL ELIGIBLE YEAR 1	\$46,950,300		
		ENTITY TOTAL	\$17,038,983	\$20,031,820	\$9,879,496
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH			\$12,704,628	\$7,899,952	\$3,815,488
SYSTEM: Lower Western Tributary			\$7,498,543	\$0	\$0
	PROJECT: Colton Channel I-15 to Fifth Street				
	Design/Admin	LVCL 0000	\$190,320		
	Construction		\$5,468,536		
	PROJECT: Brooks Channel				
	Design/Admin		\$22,813		
	Right-of-way	LVBR 0000, 0005, 0011, 0014, 0026	\$45,625		
	Construction		\$1,771,250		
	SYSTEM: LV Wash Craig		\$4,468,690	\$0	\$3,815,488
	PROJECT: Fifth Street Collector - Centennial to Deer Springs				
	Design/Admin		\$285,003		\$197,678
	Right-of-way	LV5C 0000 & 0002	\$389,072		
	Construction				\$3,617,810
	PROJECT: Ann Road Channel East, Las Vegas Wash to Fifth Street				
	Design/Admin		\$181,778		
	Right-of-way	ANEA 0040	\$363,556		
	Construction		\$3,249,282		
	SYSTEM: Cheyenne Lamb Nellis		\$737,395	\$7,899,952	\$0
	PROJECT: Las Vegas Boulevard Drain				
	Design/Admin	LVLV 0000	\$524,081	\$356,375	
	Construction			\$6,370,198	
	PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan				
	Design/Admin		\$91,420	\$62,166	
	Right-of-way	LVNC 0038	\$121,894		
	Construction			\$1,111,213	
	HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH		\$330,000	\$2,670,000	\$0
	SYSTEM: Lower Las Vegas Wash		\$330,000	\$2,670,000	\$0
	PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (NLV Segment)				
	Design/Admin	LVMD 0883 & 0911	\$330,000		
	Construction			\$2,670,000	
	HYDROGRAPHIC BASIN: RANGE		\$4,004,355	\$9,461,868	\$6,064,008
	SYSTEM: Lower Range		\$0	\$0	\$223,246
	PROJECT: Orchard Collector - Charleston to Linden				
	Design/Admin	SLOR 0158			\$7,290
	Construction				\$215,957
	SYSTEM: West Range		\$2,284,240	\$0	\$5,840,762
	PROJECT: Beltway Detention Basin & Channel				
	Design/Admin	RWRR 0107 thru 0261 and RWBE 0000	\$532,817		
	Right-of-way		\$710,424		
	PROJECT: Centennial Collector				
	Design/Admin		\$446,143		\$309,445
	Right-of-way	RWCC 0000 & RWWE 0363	\$594,856		
	Construction				\$5,531,317
	SYSTEM: East Range		\$1,720,115	\$9,461,868	\$0
	PROJECT: Hollywood System, Las Vegas Blvd to Azure				
	Design/Admin		\$737,192	\$501,291	
	Right-of-way	RWHW 0173 thru 0201	\$982,923		
	Construction			\$8,960,577	

EXHIBIT D
FISCAL YEAR 2013 - 2014
PROJECT LIST

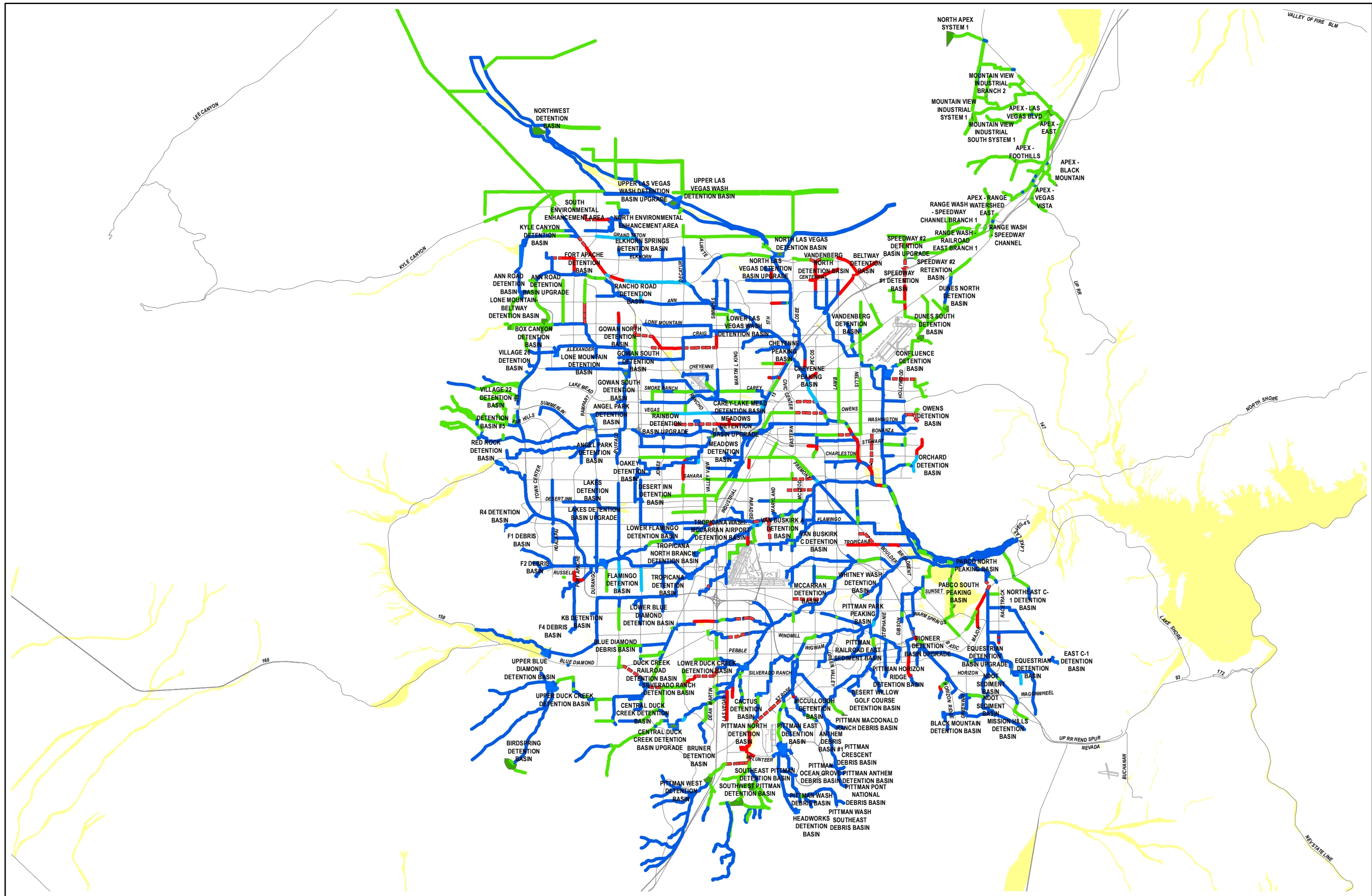
CLARK COUNTY		TOTAL ELIGIBLE YEAR 1	\$83,815,796		
ENTITY TOTAL			\$32,176,395	\$17,829,401	\$33,810,000
HYDROGRAPHIC BASIN: Tropicana/ Flamingo			\$8,373,779	\$9,710,102	\$33,810,000
SYSTEM: Tropicana Flamingo Project			\$1,845,000	\$0	\$0
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral					
	Design/Admin	FLOQ 0000	\$150,000		
	Construction		\$1,695,000		
SYSTEM: Lower Flamingo			\$6,528,779	\$0	\$33,810,000
PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (Clark County Segment)					
	Design/Admin	LVMD 0916 thru 1069 & FLWA 0001	\$1,890,000		
	Construction				\$33,810,000
PROJECT: Flamingo Wash, Tioga to Eastern					
	Design/Admin	FLWA 0471 thru 0478 & 0482	\$210,000		
	Construction		\$3,000,000		
PROJECT: Airport Channel - Naples					
	Design/Admin	TRMC 0013 thru 0031	\$198,779		
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.					
	Design/Admin	FLWA 0893 & 0896	\$100,000		
	Construction		\$1,130,000		
SYSTEM: Lower LV Wash Tributaries			\$0	\$9,710,102	\$0
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris					
	Design/Admin	LV01 0001 thru 0135		\$514,525	
	Construction			\$9,195,577	
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond			\$5,612,119	\$7,277,256	\$0
SYSTEM: Blue Diamond Tributaries			\$304,867	\$0	\$0
PROJECT: Blue Diamond Wash - Arville to I-15					
	Design/Admin	BDWA 0276	\$304,867		
SYSTEM: Upper Duck Creek			\$556,408	\$0	\$0
PROJECT: Silverado Ranch Detention Basin					
	Design/Admin	BD02 0265 thru 0312	\$268,001		
PROJECT: Blue Diamond Wash Railroad					
	Right-of-way	BDW5 0026	\$268,407		
SYSTEM: Lower Duck Creek			\$4,267,029	\$0	\$0
PROJECT: Duck Creek @ Dean Martin					
	Design/Admin	DCWA 1447	\$69,111		
PROJECT: Duck Creek - Sunset to Sandhill					
	Design/Admin	DCWA 0648, 0656 & 0670	\$350,000		
	Construction		\$3,847,918		
SYSTEM: Central Duck Creek			\$483,815	\$7,277,256	\$0
PROJECT: Duck Creek Las Vegas Boulevard					
	Design/Admin	DCLV 0000 thru 0059	\$483,815	\$318,994	
	Construction			\$6,958,262	
HYDROGRAPHIC BASIN: Outlying Areas			\$18,190,497	\$842,044	\$0
SYSTEM: Goodsprings			\$388,337	\$0	\$0
PROJECT: Goodsprings - Phase I					
	Design/Admin	GSEA 0000	\$19,437		
	Right-of-way	GSPA 0027 & 0029	\$21,458		
	Construction	GSRV 0019	\$347,441		
SYSTEM: Muddy River & Tributaries			\$9,514,146	\$0	\$0
PROJECT: Fairgrounds - Detention Basin					
	Design/Admin	FGWS 0000 thru 0166	\$308,856		
	Construction		\$5,359,080		
PROJECT: Muddy River Logandale Levee					
	Design/Admin	MRL 0001, 0013, 0038	\$312,700		
	Construction		\$3,533,510		
SYSTEM: Laughlin			\$0	\$842,044	\$0
PROJECT: SR 163 at Casino Drive					
	Design/Admin	LUBC 0000 thru 0031		\$40,395	
	Construction			\$801,649	
SYSTEM: Searchlight			\$1,322,155	\$0	\$0
PROJECT: Searchlight - South, Encinitas St. Storm Drain					
	Design/Admin	SRSO 0000 thru 0030	\$70,048		
	Construction		\$1,252,108		
SYSTEM: Bunkerville			\$6,965,859	\$0	\$0
PROJECT: Windmill Wash Detention Basin Expansion					
	Design/Admin	WIWA 0039, WIJE 0000 & JEWA 0165	\$627,220		
	Construction		\$6,338,639		

EXHIBIT D
FISCAL YEAR 2013 - 2014
PROJECT LIST

BOULDER CITY		TOTAL ELIGIBLE YEAR 1	\$998,066		
ENTITY TOTAL			\$0	\$998,066	\$0
HYDROGRAPHIC BASIN: Boulder City			\$0	\$998,066	\$0
SYSTEM: Hemenway			\$0	\$998,066	\$0
PROJECT: Hemenway System, Phase II Improvements					
	Design/Admin	HMLV 0006 & 0019 HMTD 0034, HMLM 0066 & 0085,		\$57,305	
	Construction	HMWA 0005, 0105, 0158, 0173, 0175, & 0182		\$940,761	
MESQUITE		TOTAL ELIGIBLE YEAR 1	\$885,626		
ENTITY TOTAL			\$222,547	\$0	\$663,079
HYDROGRAPHIC BASIN: Mesquite			\$222,547	\$0	\$663,079
SYSTEM: Town Wash			\$122,547	\$0	\$663,079
PROJECT: Town Wash - Mesa Boulevard, Pioneer to Town Wash					
	Design/Admin	TWMB 0000 thru 0022 & TOWA 0120	\$122,547		
PROJECT: Town Wash - Mesa Boulevard, Pioneer to Town Wash					
	Right-of-way	TWMB 0024 thru 0094			\$663,079
SYSTEM: Virgin River			\$100,000	\$0	\$0
PROJECT: Virgin River Flood Wall					
	Design/Admin	VREC 0000,0028,0054	\$100,000		

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 = 4.5 miles

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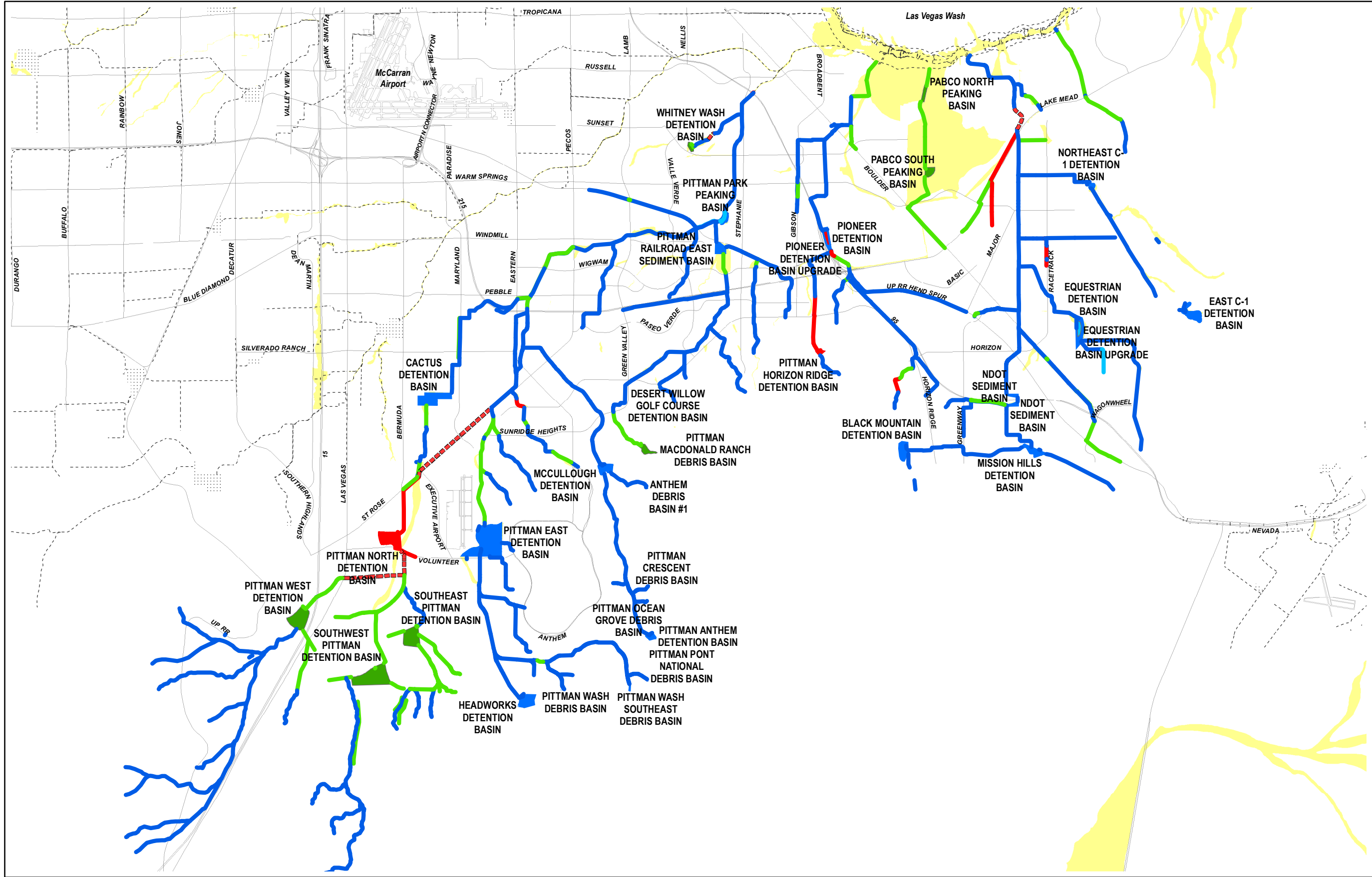
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

June, 2013



TEN-YEAR CONSTRUCTION PROGRAM PITTMAN WASH AND C-1 CHANNEL PLANNING AREA



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone

1 inch = 1.7 miles

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DATA SOURCES:
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CLARK COUNTY GISMO
FEMA

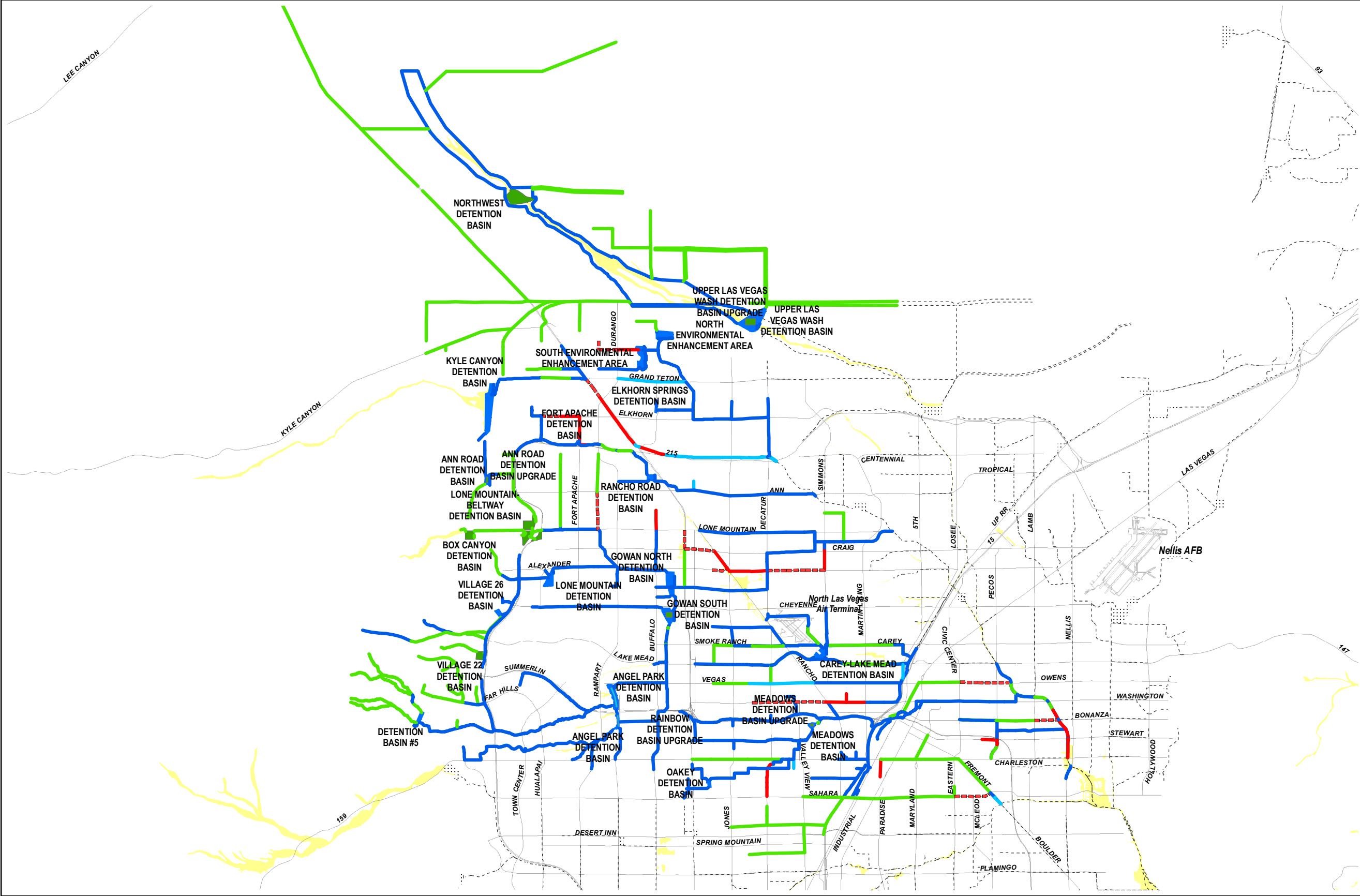
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OFFICE AT 600 S. GRAND CENTRAL PKWY,
SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2013



TEN-YEAR CONSTRUCTION PROGRAM

GOWAN, CENTRAL AND UPPER NORTH BASINS PLANNING AREA



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone

1 inch = 2.65 miles

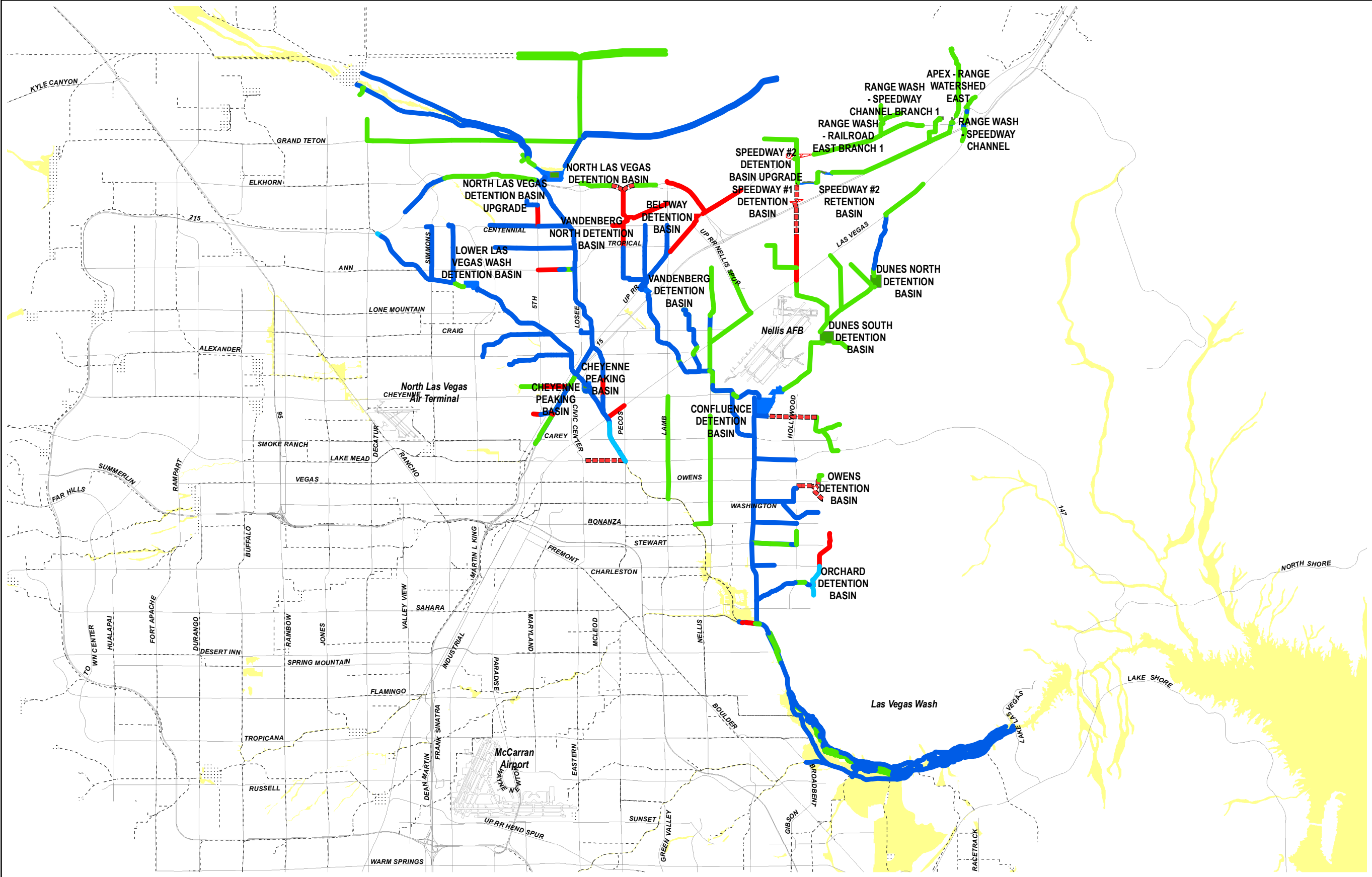
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DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
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TEN-YEAR CONSTRUCTION PROGRAM

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 = 2.29 miles

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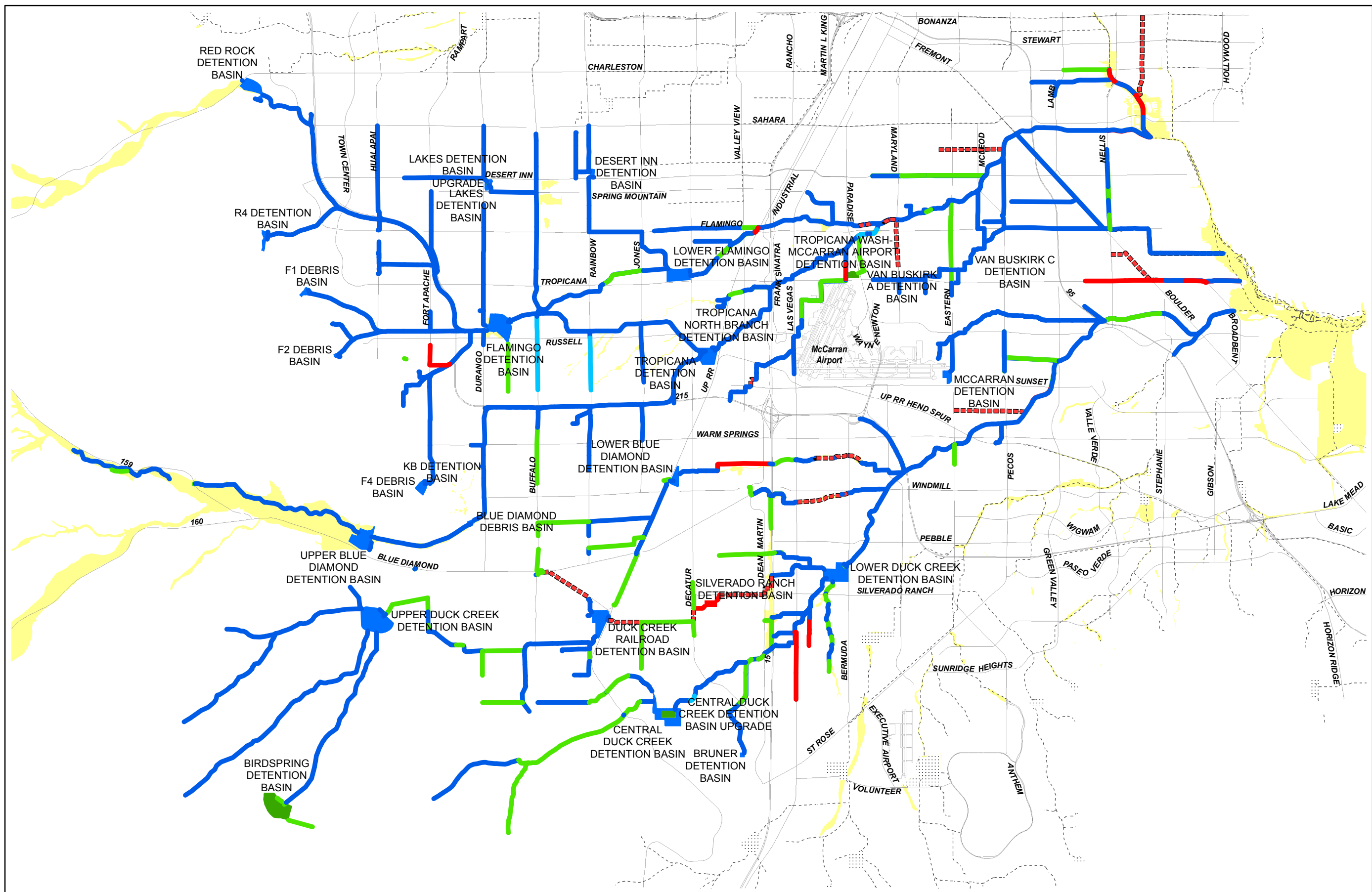
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

May, 2013



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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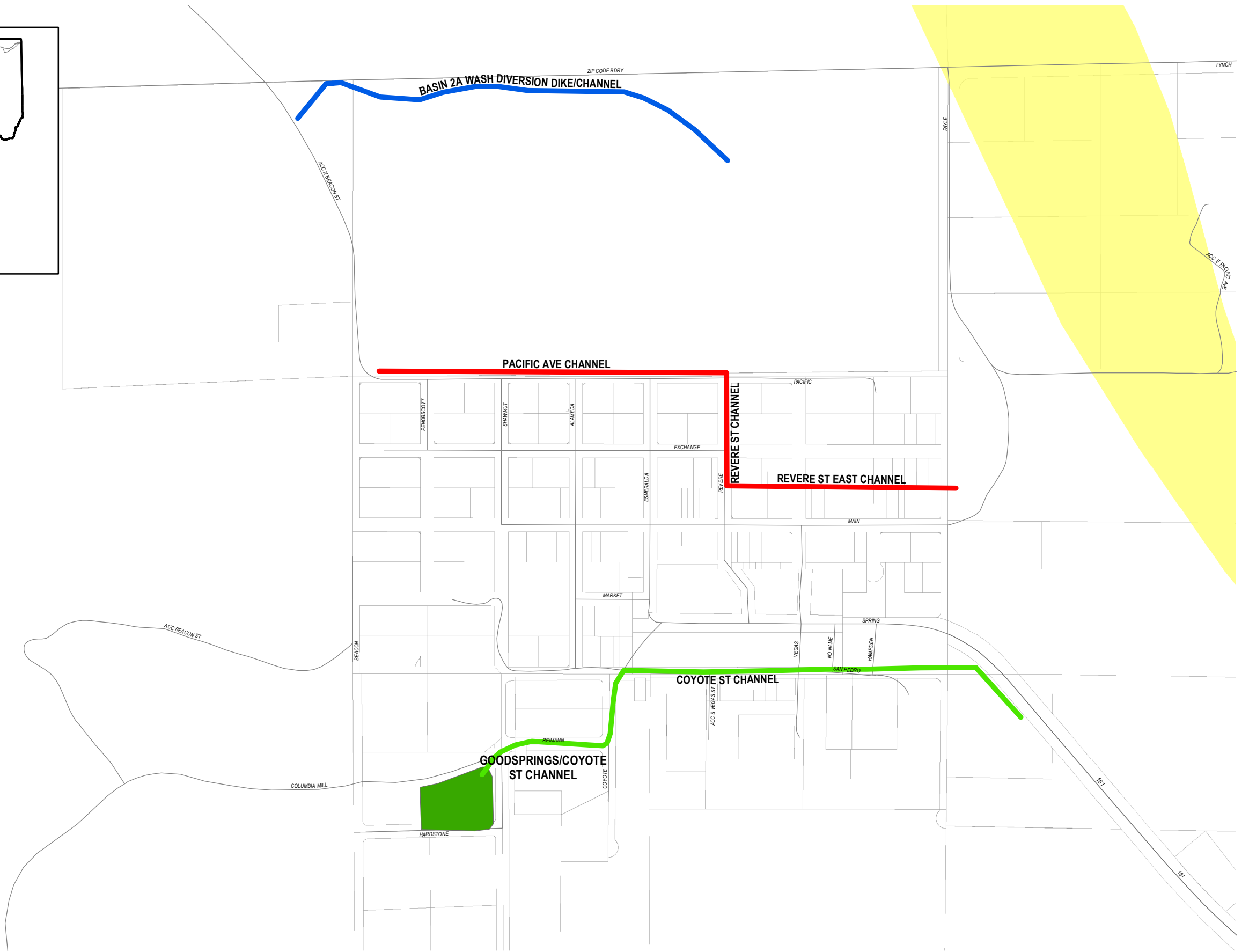
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CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

May, 2013

REGIONAL FLOOD
CONTROL DISTRICT

TEN-YEAR CONSTRUCTION PROGRAM GOODSPRINGS 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 = 0.09 miles

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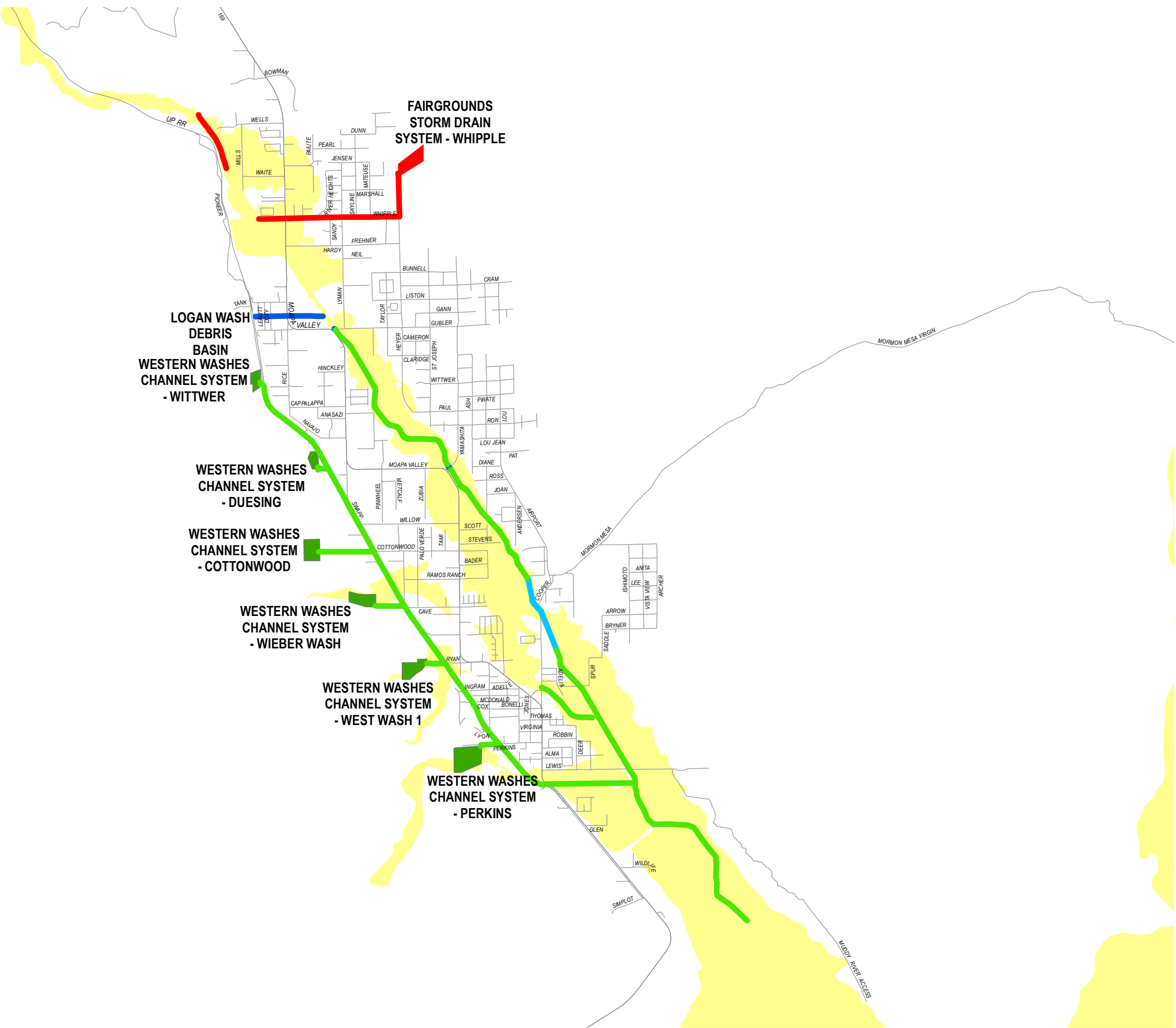
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May, 2013



TEN-YEAR CONSTRUCTION PROGRAM
MUDDY RIVER 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



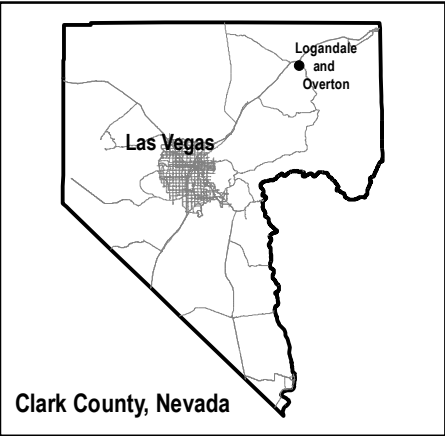
1 inch = 1.02 miles

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CLARK COUNTY GISMO
FEMA

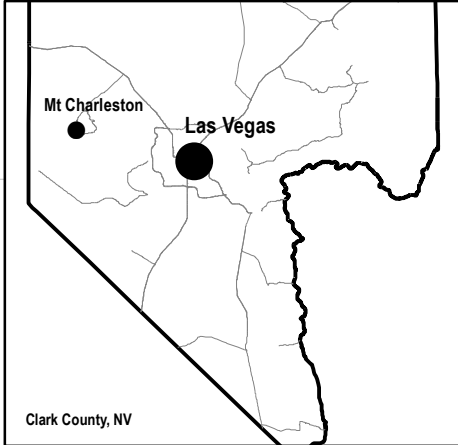
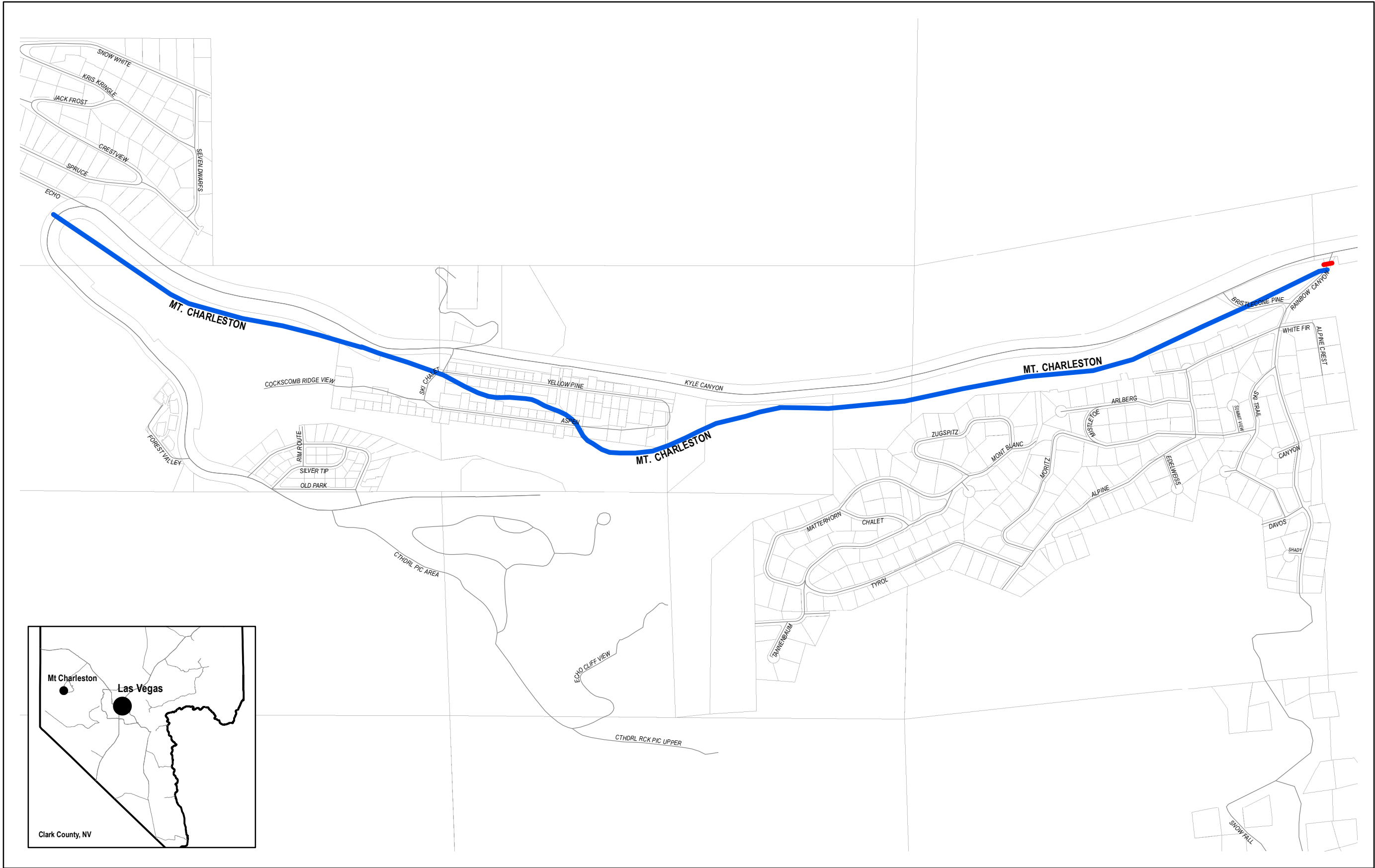
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OFFICE AT 800 S. GRAND CENTRAL PKWY,
SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2013



Clark County, Nevada

TEN-YEAR CONSTRUCTION PROGRAM MT. CHARLESTON (OUTLYING) PLANNING AREA



Legend

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



1 inch = 0.11 miles

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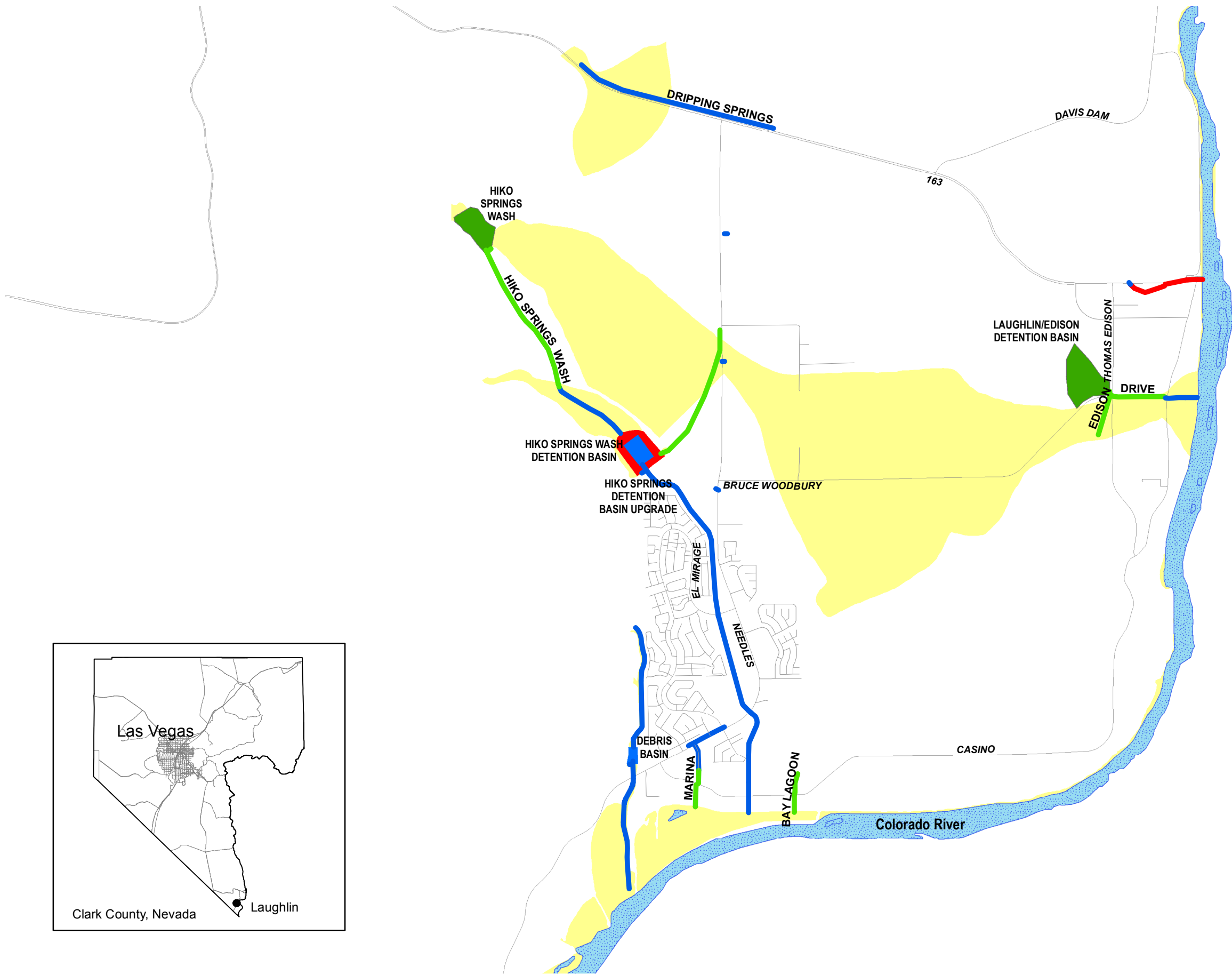
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OFFICE AT 600 S. GRAND CENTRAL PKWY,
SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2013



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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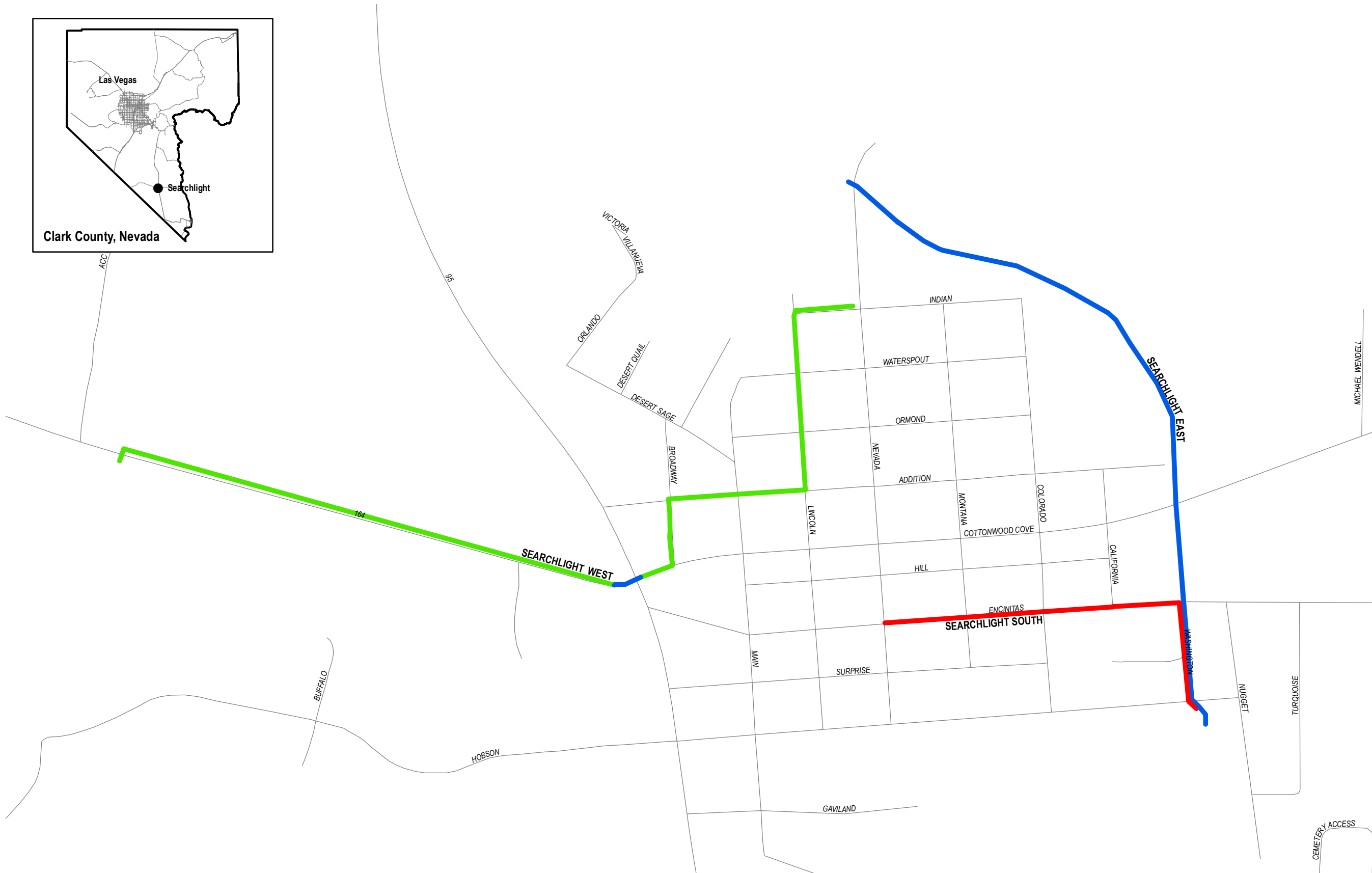
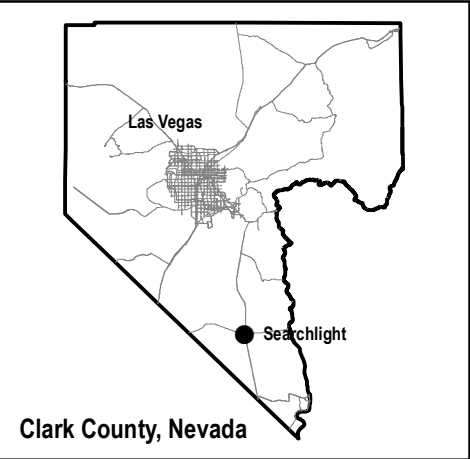
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May, 2013



TEN-YEAR CONSTRUCTION PROGRAM SEARCHLIGHT 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 = 0.09 miles

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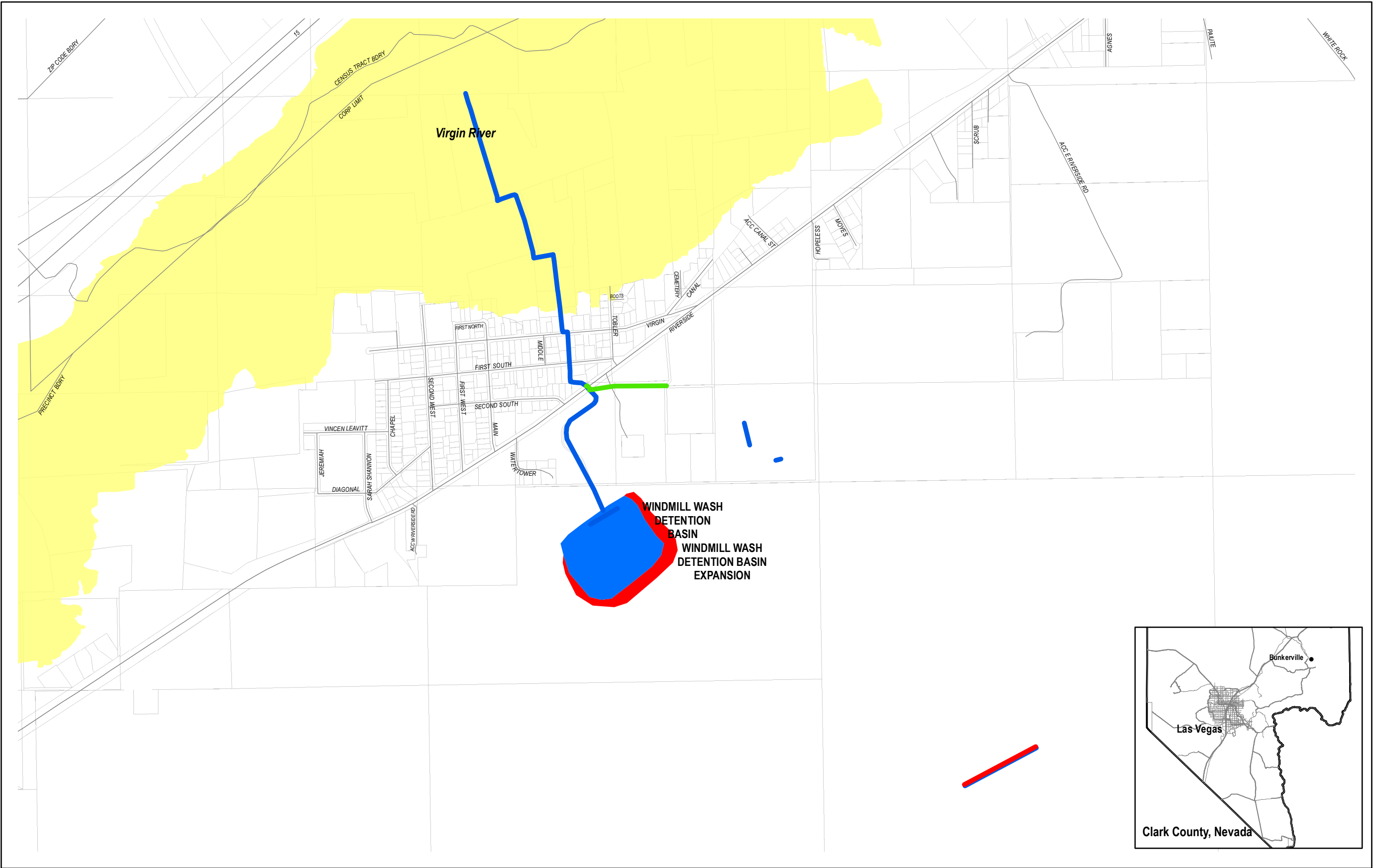
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CLARK COUNTY GISMO
FEMA

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SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2013



TEN-YEAR CONSTRUCTION PROGRAM BUNKERVILLE PLANNING AREA



Legend

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



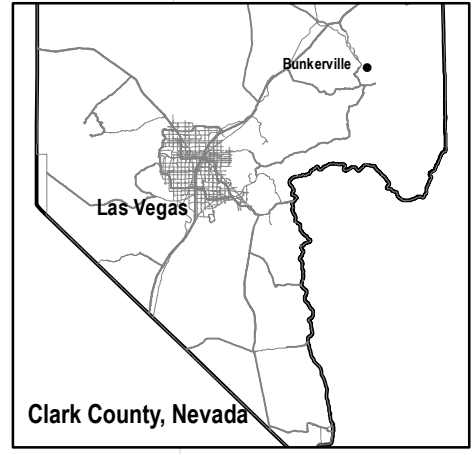
1 inch = 0.24 miles

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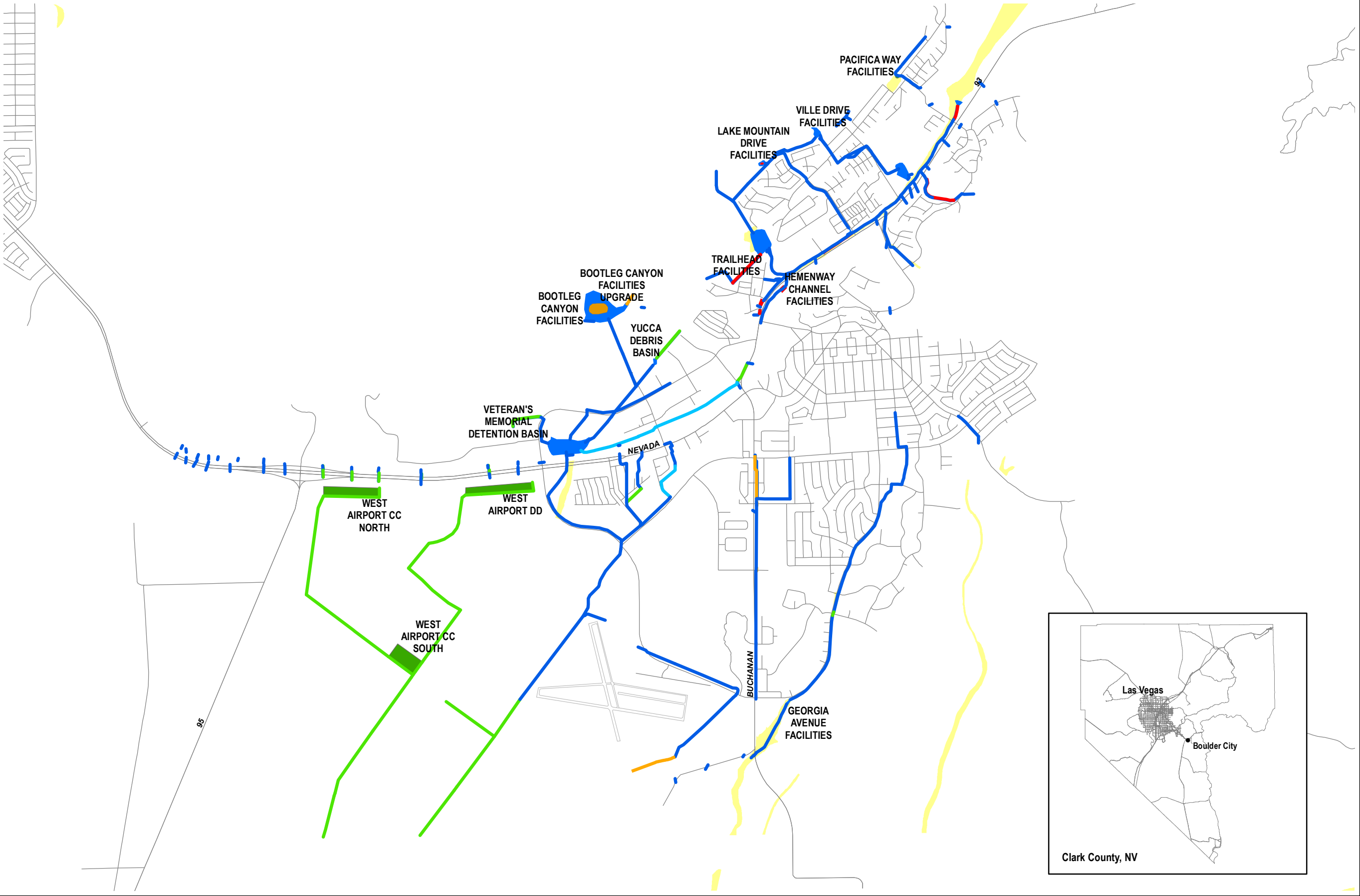
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May, 2013



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



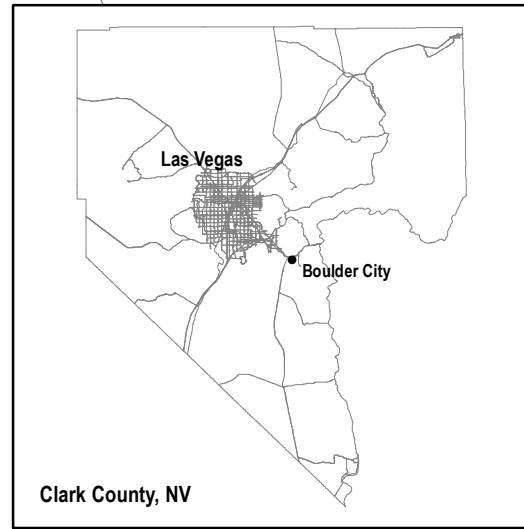
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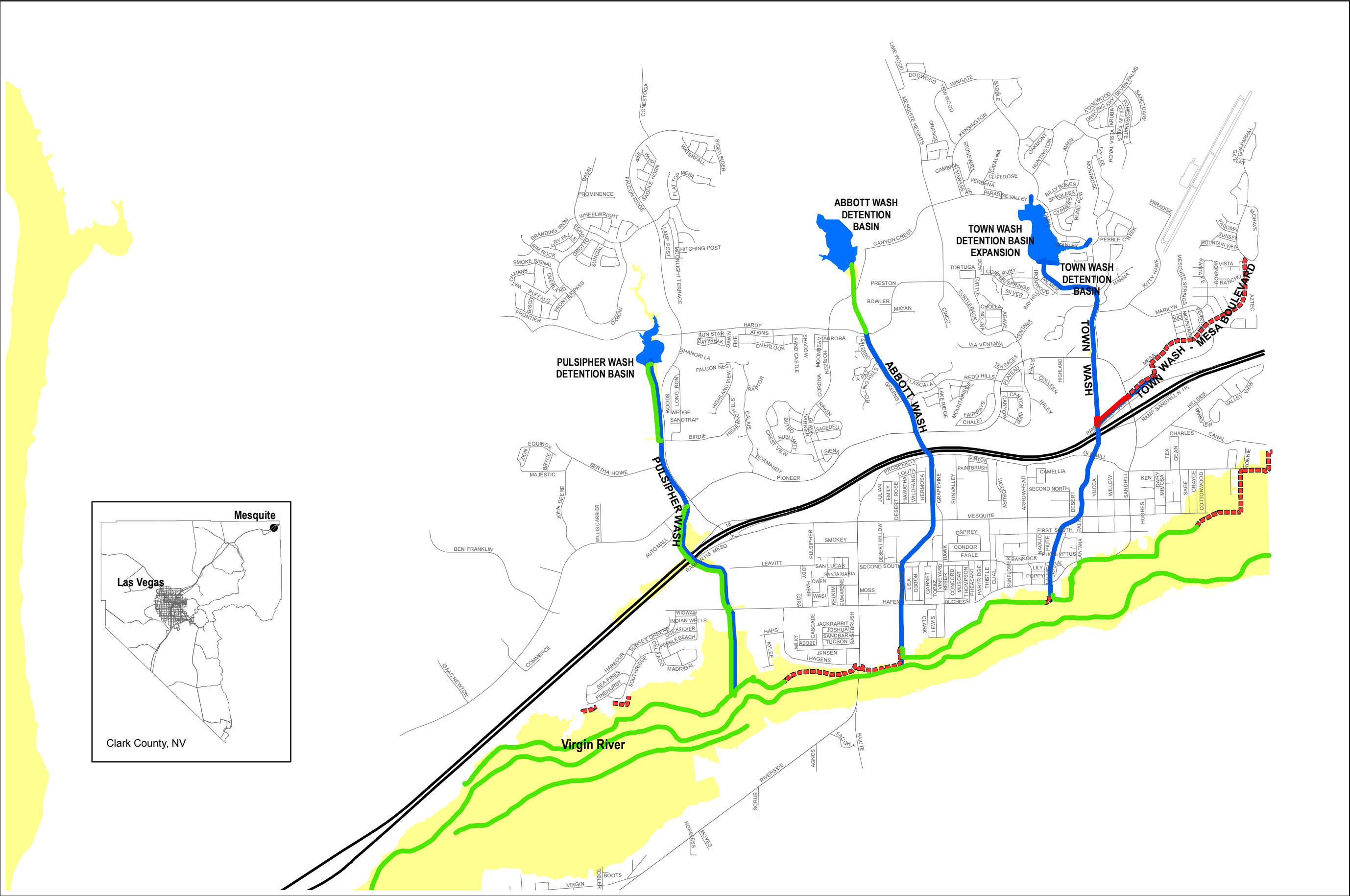
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2013



TEN-YEAR CONSTRUCTION PROGRAM MESQUITE PLANNING AREA



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



1 inch = 0.6 miles

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SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2013

