

TEN-YEAR CONSTRUCTION PROGRAM

REGIONAL FLOOD CONTROL DISTRICT



**FISCAL YEAR 2015
THROUGH
FISCAL YEAR 2024**

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

**ADOPTED
JUNE 12, 2014**

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

TEN-YEAR CONSTRUCTION PROGRAM

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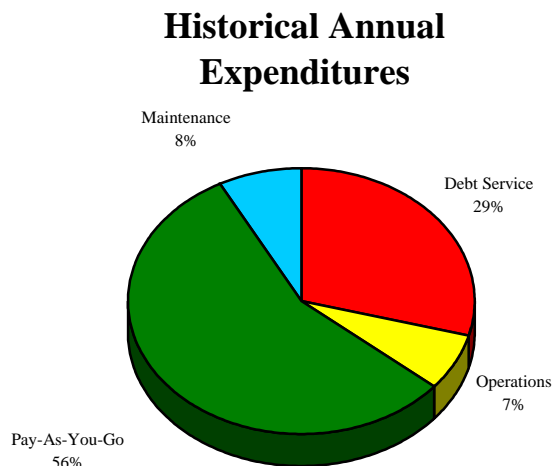
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Capital Improvement Program

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 12, 2014, for Fiscal Year 2014-15. 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.



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 historical 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 2014, the District has received over \$1,448,957,930 in Sales Tax Revenues. Additionally, the District has issued \$80,000,000, \$150,000,000, \$200,000,000, \$150,000,000, and \$75,000,000 in General Obligation Bonds/Notes, secured by Sales Tax Revenue, which were sold in November 1991, September 1998, September 2003, June 2009, and December 2013 respectively, to expedite projects. The District has funded over \$1,619,304,993 in projects through May 2014.

FISCAL YEAR 2015 THROUGH FISCAL YEAR 2024 TYCP

The TYCP is an estimate of when funding will be requested. Available revenues for the TYCP are estimated to be \$666,053,817, which includes \$100,000,000 million in bonds that were programmed in fiscal year 2013-14. As of June 2014, the majority of the bonds are committed to projects. Additionally, \$200,000,000 in bonds are programmed in fiscal year 2019-20 to expedite future flood control infrastructure. 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%

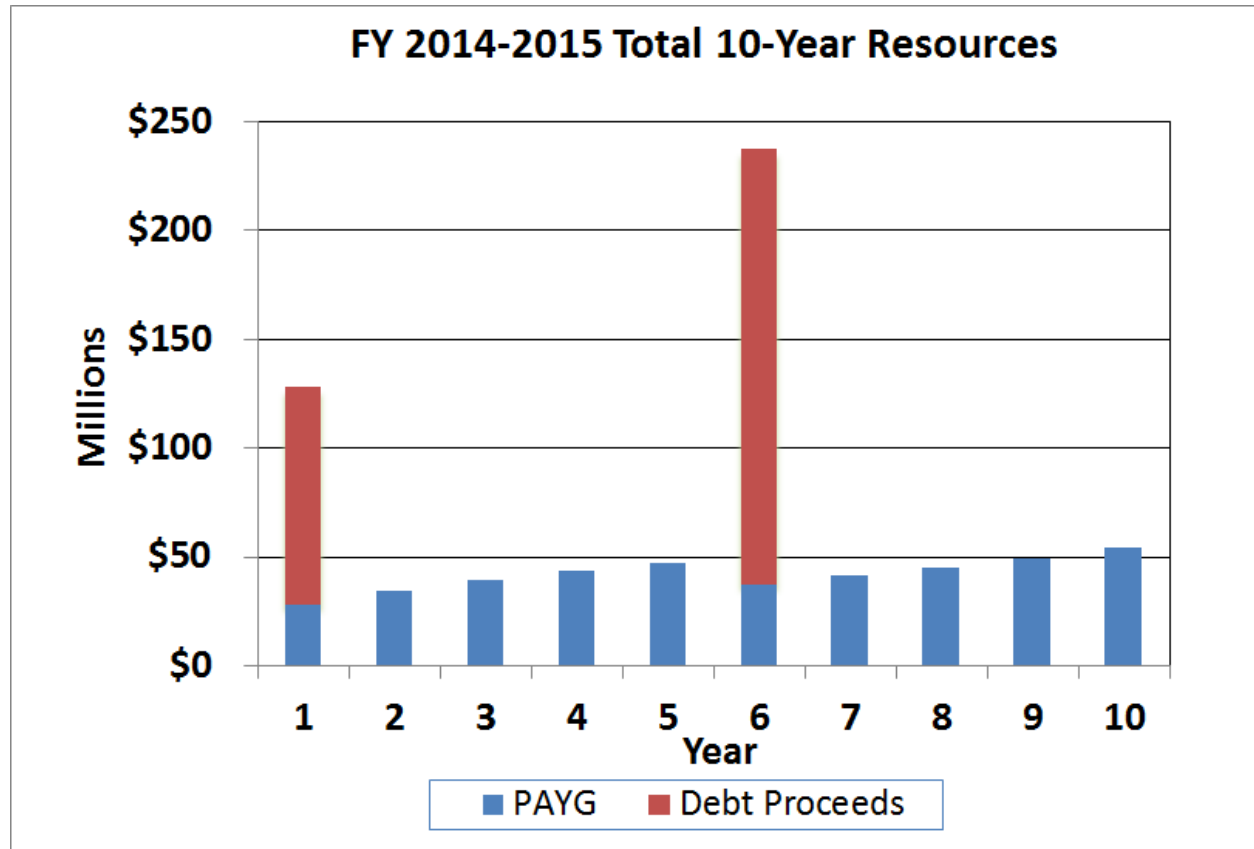
REGIONAL FLOOD CONTROL DISTRICT – FY 2015 THROUGH FY 2024

growth rate from prior years' revised budget (\$83,600,000), a 5.4% growth rate for Year 2, a 5.5% growth rate for Year 3 and Year 4, a 4.3% growth rate for Year 5, a 4.2% growth rate for Year 6 and Year 7, a 4.1% growth rate for Year 8 and Year 9, and a 4.0% growth rate for Year 10.

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

REGIONAL FLOOD CONTROL DISTRICT – FY 2015 THROUGH FY 2024

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.



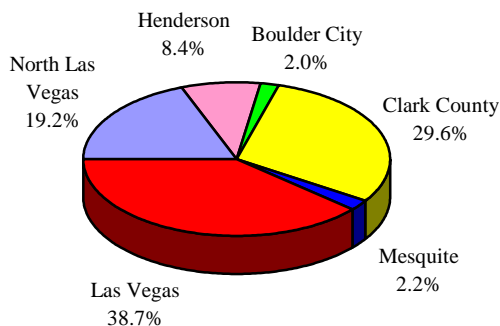
Flood control projects are fairly standard in nature and typically follow a design time of 1-2 years and a construction time of 2-3 years. The minimum level of expenditures for assets to be classified as capital assets for the District is \$5,000.00 and we comply with all adopted GAAP requirements. The 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 2014-15 are: \$293,627,131 for Fund 4430 and \$22,566,742 for Fund 4440 which includes previously approved and new projects planned for FY 2014-15.

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 12, 2013; the City of Boulder City adopted by the Board on July 11, 2013; the Town of Bunkerville and the City of Mesquite adopted by the

Board on September 13, 2012; the Muddy River and Tributary Washes adopted by the Board on February 10, 2011; the Town of Laughlin adopted by the Board on April 10, 2014, and the Outlying Areas of Clark County adopted by the Board on April 10, 2014. 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

Based on Master Plan



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 2015 THROUGH FY 2024

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 590 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	
2015	Approved Budget	\$	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
2024	0.0%	\$	10,000,000
Total estimated maintenance over 10 years		\$	100,000,000

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 thirteenth 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 FY 2012, the District funded in the City of Las Vegas, Concord Street Storm Drain (estimated completion date of May 2016.)

In FY 2013, the District funded in the Clark County, Washington/Hollywood Storm Drain (estimated completion date of April 2015.)

In FY 2014, one new local drainage project was funded by the District. The District funded in the City of Las Vegas, Buckskin Avenue Storm Drain (estimated completion date of May 2017.)

REGIONAL FLOOD CONTROL DISTRICT – FY 2015 THROUGH FY 2024

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

Fiscal year	Factor	TYCP Local Drainage Budget Projection	
2015	Approved Budget	\$	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
2024	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 \$630,971,199 and is presented as Exhibit C. The estimated cost of facilities presented in the Master Plans for all of Clark County is \$1,811,450,265. Therefore, this TYCP constitutes approximately 35% 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

Duck Creek, Sunset to Sandhill

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 \$163,929,941.

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 15/16. The TYCP includes approximately \$1.4 million for this project.

Pittman Burns – Galleria to Boulder Highway (PV = 84.5)

PTSU 0000 and 0023 – This project consists of a 16' 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 \$6.9 million for this project.

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

PTHR 0104, 0139, 0140, and 0203 through 0205 – This project consists of a 65 acre-foot detention basin located approximately one-half mile south of Horizon Ridge Parkway and a 48" diameter concrete outfall pipe and concrete channel from the detention basin to Sumner Ranch Road. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$3.1 million for this project.

Pittman Burns – Pioneer Detention Basin Expansion and Inflow (PV = 98.0)

PTVW 0186, 0187 and PTIS 0000 – This project includes construction of a concrete 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.

Henderson (continued)

The retrofit consists of constructing a new reinforced concrete weir wall around the outlet. Design is complete. Construction funding of \$0.70 million has been encumbered. Due to expanded project scope, additional construction funding is programmed in FY 14/15. The TYCP includes a supplement of approximately \$1.5 million for this project.

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

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$2.2 million for this project.

Lower Pittman – Whitney Wash Channel (PV = 91.5)

WWDC 0069 – This project consists of a concrete lined open channel connecting two existing reaches between Sunset Road and Galleria Drive. 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 = 97.0)

PTDC 0074 – This project consists of the addition of two 12' 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 \$1.9 million for this project.

Upper Pittman – St. Rose to Starr Avenue (PV = 96.5)

PTWA 0884 – This project consists of a concrete lined open channel from St. Rose Parkway to Starr Avenue. Design is programmed in FY 14/15 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$0.70 million for this project.

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 \$13.5 million for this project.

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

PTNO 0180 through 0182, 0190 and 0195 – This project consists of a 600 acre-foot detention basin, spillway, riprap levee parallel to Volunteer Boulevard from just west of Amigo Street to approximately 0.20 miles west of Bermuda Road, double 18' x 7' reinforced concrete box culvert inflow structure under Volunteer Boulevard, and a 72" reinforced concrete outfall pipe to St. Rose Parkway at Executive Airport. Design is

Henderson (continued)

underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$14.6 million for this project.

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

PTSD 0000 through 0043 – This project consists of a concrete open 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 \$4.3 million for this project.

Upper Pittman – Pittman West Detention Basin & Outfall (PV = 77.0)

PTLA 0127 through 0141 and 0181 through 0221 – This project consists of a 2,500 acre-foot detention basin, spillway, 60" reinforced concrete outfall pipe and open channel extending to Larson Lane and Las Vegas Boulevard intersection. Design and Right-of-Way Acquisition are programmed in FY 21/22. The TYCP includes approximately \$3.3 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 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 a storm drain ranging in size from 72" diameter to 10' x 4' reinforced concrete box culvert in Center Street from Fir Street to Lake Mead Drive. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$3.7 million for this project.

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

C1RT 0001 through 0041 – This project consists of approximately one half mile of concrete channel invert in the existing Racetrack Channel from Drake Street to Burkholder. Design is underway. Construction funding is programmed in FY 14/15. 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 and 0173 – This project consists of open channel improvements for C-1 Channel 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 \$5.0 million for this project.

The funding programmed for the C-1 Channel and Pittman Wash Planning Areas in Henderson totals approximately \$68.8 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

Buckskin Avenue 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

Las Vegas (continued)

Concord Street Storm Drain, Local Drainage Project

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

Durango Drive Storm Drain

Between Charleston Boulevard and Angel Park Detention Basin

Elkhorn Springs & Buffalo Storm Drain

Freeway Channel – Charleston Lateral

Freeway Channel – Washington, MLK to Rancho Drive

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

Las Vegas (continued)

Gowan Outfall, Craig Road to Channel

North Las Vegas is the Lead Entity

Gowan Outfall – Lone Mountain Branch, Decatur Boulevard to Channel

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

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

Grand Teton – Hualapai to Tee Pee

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 (continued)

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

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

Lone Mountain Detention Basin

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

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

Meadows Detention Basin and Collection System

Meadows Detention Basin Expansion

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

Las Vegas (continued)

Rancho Road System – Elkhorn, Fort Apache to Grand Canyon

Rancho System – Beltway to Elkhorn

Vegas Drive Storm Drain – Rancho to Shadow Mountain

Washington Avenue System

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

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

District funding since 1987 for the projects plus design efforts on future projects totals approximately \$576,319,760.

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” diameter reinforced concrete pipes in Washington Avenue extending from Michael Way to just west of Valley View Boulevard. Design is programmed in FY 19/20 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$7.5 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 just west of Valley View Boulevard to Rancho Road. Design is programmed in FY 19/20 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$7.6 million for this project.

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

LVMD 1071 through 1149 – City of Las Vegas portion of this project consists of open channel improvements extending from Charleston Boulevard to Stewart Avenue. Additional construction management funding is programmed in FY 14/15. Construction is currently underway utilizing a Construction Manager at Risk (CMAR) approach. The TYCP includes approximately \$0.50 million for this project.

Las Vegas (continued)

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 14/15 for phase three (MEOK 0150 through 0217). The TYCP includes approximately \$16.4 million for this project.

Central – Cedar Avenue Channel Improvements (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 from Mojave Road to Pecos Road. Design is underway. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$7.7 million for this project.

Central – Owens Avenue East – Las Vegas Wash to Mojave Road (PV = 81.0)

LVOE 0000 – This project consists of a 15' x 12' reinforced concrete box culvert in Owens Avenue from Mojave Road to Las Vegas Wash. Design is programmed in FY 19/20 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$15.8 million for this project.

Central – Owens Avenue East – Mojave Road to Eastern Avenue (PV = 79.0)

LVOE 0085 – This project consists of a 13' x 12' reinforced concrete box culvert in Owens Avenue from Eastern Avenue to Mojave Road. Design is programmed in FY 20/21 and construction funding is programmed in FY 23/24. The TYCP includes approximately \$8.1 million for this project.

Central – Boulder Highway Sahara Avenue – Mojave Road to Boulder Highway (PV = 83.0)

BHSA 0000 – This project consists of a 14' x 10' reinforced concrete box culvert in Sahara Avenue 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. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$3.6 million for this project.

Central – Flamingo – Boulder Highway North, Charleston – Main to Maryland (PV = 79.0)

FLBN 0281 and 0312 – This project consists of a reinforced concrete box culvert ranging in size from 7' x 4' to 10' x 7' in Charleston Boulevard from Main Street to

Las Vegas (continued)

Maryland Parkway. Design is programmed in FY 20/21 and construction funding is programmed in FY 23/24. The TYCP includes \$5.0 million for this project.

Central – Boulder Highway North, Charleston – Maryland to Boulder Highway (PV = 81.0)

FLBN 0167 through 0205 – This project consists of a reinforced concrete box culvert ranging in size from 10' x 6' to dual 10' x 6' in Charleston Boulevard from Maryland Parkway to Boulder Highway. Design is programmed in FY 19/20 and construction funding is programmed in FY 21/22. The TYCP includes \$12.5 million for this project.

Central – Flamingo – Boulder Highway North – Boulder Highway, Sahara to Charleston (PV = 81.0)

FLBN 0038 – This project consists of a 15' x 10' reinforced concrete box culvert in Boulder Highway from Charleston Boulevard to Sahara Avenue. Design is programmed in FY 18/19 and construction funding is programmed in FY 20/21. The TYCP includes \$18.9 million for this project.

Central – Flamingo Wash – Maryland Parkway System (PV = 78.0)

FLMP 0000 – This project consists of an 8' x 6' reinforced concrete box culvert in Maryland Parkway from Stewart Avenue to Charleston Boulevard. Design is programmed in FY 20/21 and construction funding is programmed in FY 23/24. The TYCP includes \$6.4 million for this project.

Central – Las Vegas Wash – Bonanza – Las Vegas Wash to Lamb Boulevard (PV = 81.0)

LVBZ 0000 – This project consists of a dual 12' x 7' reinforced concrete box culvert in Bonanza Road from Lamb Boulevard to Las Vegas Wash. Design is programmed in FY 17/18 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$10.3 million for this project.

Central – Las Vegas Wash – Bonanza – Lamb to Pecos (PV = 81.0)

LVBZ 0064 and 0114 – This project consists of a dual 12' x 6' reinforced concrete box culvert in Bonanza Road from Pecos Road to Lamb Boulevard. Design is programmed in FY 18/19 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$15.4 million for this project.

Central – Flamingo – Boulder Highway North, Main Street (PV = 78.0)

FLBN 0342 – This project consists of a 7' x 4' reinforced concrete box culvert in Main Street from Wyoming Avenue to Charleston Boulevard. Preliminary design was completed in coordination with a street improvement project. Final design is programmed in FY 20/21 and construction funding is programmed in FY 23/24. The TYCP includes \$3.3 million for this project.

Las Vegas (continued)

Gowan North – Gowan Outfall – Alexander Rd., Allen to Simmons (PV = 83.0)

GOOF 0275 through 0285 – This project consists of a 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 from Allen Street to Simmons Street. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$11.5 million for this project.

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

GOOF 0325 through 0375 – This project consists of a reinforced concrete box culvert ranging in size from dual 12' x 8' to dual 14' x 8' in Alexander Road extending from Decatur Boulevard to Allen Street. Design is programmed in FY 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$18.8 million for this project.

Gowan North – Gowan Outfall – El Capitan Branch, Lone Mountain to Washburn (PV = 83.5)

GOEC 0000 through 0026 – This project consists of a reinforced concrete box culvert ranging in size from 10' x 7' to 10' x 8' in El Capitan Way 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 a reinforced concrete box culvert ranging in size from 10' x 6' to 10' x 7' in El Capitan Way 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 – Alexander Branch (PV = 80.0)

GOA2 0000 – This project consists of an 8' x 5' reinforced concrete box culvert in Alexander Road 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 \$3.2 million for this project.

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

GOAL 0168 – This project consists of a 10' x 8' reinforced concrete box culvert in Craig Road 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 \$8.5 million for this project.

Gowan North – Gowan – 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 from Lone Mountain Road to Craig Road. Design is programmed in FY 18/19

Las Vegas (continued)

and construction funding is programmed in FY 21/22. The TYCP includes approximately \$1.5 million for this project.

Gowan North – Buffalo Branch, Lone Mountain to Washburn (PV = 83.5)

GOBU 0112 and 0136 – This project consists of a reinforced concrete box culvert ranging in size from 7' x 6' to 8' x 6' in Buffalo Drive from Washburn Road to Lone Mountain Road. Design is underway. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$3.6 million for this project.

Upper Northern LV Wash – Ann Road – Rancho Road System – Elkhorn, 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 from Hualapai Way to Grand Canyon Drive. Design is programmed in FY 15/16 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$3.8 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Centennial Parkway Channel West – US 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 16/17 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$10.0 million for this project.

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

CN95 0102 through 0167 – This project consists of a 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 from Durango Drive to Grand Teton Drive. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$8.8 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Centennial Parkway Channel West – CC 215, Pioneer to US 95 (PV = 83.5)

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 underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$12.4 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 and CN95 0000 – This project consists of open channel improvements and 32' x 10' reinforced concrete box culvert along the west side of US-95 from Buffalo Drive alignment to Elkhorn Road. Design is programmed in FY 15/16 and

Las Vegas (continued)

construction funding is programmed in FY 17/18. The TYCP includes approximately \$12.6 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Brent Drainage System – Durango Drive to El Capitan Way (PV = 82.5)

BRDB 0107 through 0157 – This project consists of a 12' x 6' reinforced concrete box culvert in El Capitan Way from Iron Mountain Road to Brent Lane and an 8' x 6' reinforced concrete box culvert in Brent Lane from El Capitan Way to Durango Drive. Design is programmed in FY 15/16 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$6.0 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Brent Drainage System – Floyd Lamb Park to Durango Drive (PV = 83.0)

BRDB 0043 – This project consists of an 8' x 6' reinforced concrete box culvert in Brent Lane from Durango Drive to the South Environmental Enhancement Area. Design is underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$3.8 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 \$253.7 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

Ann Road Channel East, ULVW to Fifth Street

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

Centennial Collector

Centennial Parkway Channel East

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

Colton Avenue Flood Control Improvements

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

North Las Vegas (continued)

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

Lower Las Vegas Wash Detention Basin

A joint use recreation facility

Rancho Road System - Centennial Parkway to Rancho Road Detention Basin

Las Vegas is the Lead Entity

Range Wash – Lamb Boulevard Storm Drain

Simmons Street Channel

Simmons Street Drainage Improvements, Alexander Road to Gowan Outfall 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

North Las Vegas (continued)

Western Tributary of the Las Vegas Wash

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

Western Tributary of the Las Vegas Wash

From Alexander Road to north of Craig Road

District funds since 1987 for the projects plus design efforts on future projects total approximately \$263,075,039.

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

Lower Northern Las Vegas Wash – Lower Western Tributary – Central Freeway Channel at Cheyenne (PV = 83.5)

LV15 0051 – This project consists of a dual 13' x 10' reinforced concrete box culvert on the west side of I-15 at Cheyenne Avenue. Design is underway. Construction funding is programmed in FY 14/15. The TYCP includes approximately \$4.8 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 14/15. The TYCP includes approximately \$3.2 million for this project.

Lower Northern Las Vegas Wash – LV 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 from Deer Springs Way to Centennial Parkway. Design and Right-of-Way Acquisition are programmed in FY 15/16. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$4.8 million for this project.

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

LVLE 0000 and 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 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 \$10.8 million for this project.

North Las Vegas (continued)

Lower Northern Las Vegas Wash – Cheyenne Lamb Nellis – Las Vegas Boulevard Drain (PV = 80.0)

LVLV 0000 – This project consists of a dual 10' x 9' reinforced concrete box culvert in Las Vegas Boulevard from Pecos Road to Las Vegas Wash. Design is programmed in FY 21/22 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$8.9 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 from Gowan Road to Cheyenne Avenue. Design is underway. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$1.2 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 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 = 86.5)

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 & Outfall (PV = 82.0)

SLWA 0130 through 0175 and SLOW 0000 through 0005 – This project consists of an 88 acre-foot detention basin, spillway, collection facilities and an outfall pipe ranging in size from 24” to 48” in diameter located east of Hollywood Boulevard and south of Owens Avenue. Design is programmed in FY 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 \$5.5 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 Sloan Channel/Stewart Avenue eight cell 10' x 3.5' reinforced concrete box culvert crossing with a bridge structure to increase conveyance capacity. Design is programmed in FY 20/21 and

North Las Vegas (continued)

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 0261 and RWBE 0000 – This project consists of a 226 acre-foot detention basin, spillway, an outfall structure consisting of a 24” diameter reinforced concrete pipe, 6’ x 6’ reinforced concrete box culvert, and rip rap collection channels located along the west side of the Union Pacific Railroad and the north side of the northern Beltway from the Union Pacific Railroad to Lamb Boulevard. Design is underway. Right-of-Way Acquisition is programmed in FY 14/15. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$7.4 million for this project.

Range Wash – West Range – Range Wash Beltway Conveyance (PV = 78.5)

RWBW 0030 and RWWE 0493 and 0517 – This project consists of open channel improvements on the north side of the CC 215 Beltway from just west of Lamb Boulevard to approximately 1,400 feet east of Pecos Road and from Losee Road to approximately 1,400 feet west of Pecos Road. Design and Right-of-Way Acquisition are programmed in FY 19/20. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$2.6 million for this project.

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

RWWE 0352 and 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, 24” reinforced concrete outfall pipe in Pecos Road to Centennial Parkway and 8’ x 7’ reinforced concrete box culvert from approximately 700 feet north of Azure Avenue to Tropical Parkway. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$13.4 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 Pecos Road. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$6.0 million for this project.

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

RWHW 0173 through 0277 – This project consists of a reinforced concrete box culvert ranging in size from 9’ x 8’ to 12’ x 9’ in Hollywood Boulevard from I-15 to Las Vegas Boulevard near the Las Vegas Motor Speedway. Design is underway. Right-of-Way

North Las Vegas (continued)

Acquisition and construction funding are programmed in FY 14/15. The TYCP includes approximately \$15.2 million for this project.

Range Wash – East Range – Range Wash – Ann Branch (PV = 77.0)

RWAN 0000 and 0050 – This project consists of a 10' x 7' reinforced concrete box culvert in Ann Road from Hollywood Boulevard to Mt. Hood Street, in Mt. Hood Street from Ann Road to Tropical Parkway, and in Tropical Parkway from Mt. Hood Street to just east of Beesley Drive. Design and Right-of-Way Acquisition are programmed in FY 20/21. Construction funding is programmed in FY 22/23. The TYCP includes approximately \$14.2 million for this project.

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

RWHW 0355 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, and a 78" diameter reinforced concrete pipe crossing I-15 at Hollywood Boulevard. Design and Right-of-Way Acquisition are programmed in FY 16/17. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$1.5 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 19/20. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$5.2 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 \$110.5 million on the TYCP.

CLARK COUNTY

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

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

Las Vegas Valley:

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

Blue Diamond Channel, Jones Branch

Blue Diamond Channel – Rainbow Branch

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

Blue Diamond Wash Wigwam, Jones Boulevard to Rainbow Boulevard

Blue Diamond Wash Wigwam, UPRR to Jones Boulevard

Carey Avenue Storm Drain, Local Drainage Project

Desert Inn Detention Basin Collection System and Outfall

Duck Creek at Robindale Road

Duck Creek, Broadbent Boulevard Bridge and Channel

Duck Creek, Broadbent Boulevard to Boulder Highway

Duck Creek, Eldorado Lane to Spencer Street

Duck Creek, Emerald Avenue to Stephanie Street, Phase I

Duck Creek, Lower Detention Basin to Silverado Ranch Boulevard

Duck Creek, Mountain Vista Street to Green Valley Parkway

Duck Creek, Phase II and Lower Pittman

Duck Creek, Railroad Detention Basin

Clark County (continued)

Duck Creek, Railroad near Warm Springs to Topaz Street

Duck Creek, Robindale to I-215

Duck Creek, Tomiyasu Lane to the Railroad near Warm Springs

Duck Creek, Tomiyasu Lane to Topaz Street

Duck Creek, Topaz Street to Eastern Avenue

Duck Creek, US-95 Branch

Durango Collector

Flamingo – Boulder Highway North, Sahara Avenue to Flamingo Wash

Flamingo Diversion – Jones Branch

Flamingo Diversion – 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

Las Vegas Wash – Sloan Channel to Bonanza Road and Flamingo Wash below Nellis Boulevard (CC Segment)

- The City of Las Vegas funds a segment of this project
- The City of North Las Vegas funds a segment of this project
- Clark County is the Lead Entity

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

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

Clark County (continued)

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

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**

Clark County (continued)

- **Red Rock Detention Basin Scour Protection and Outfall Channel**
- **Tropicana Detention Basin and Outfall Channel**
- **Upper Blue Diamond Diversion Channel**
- **Upper Flamingo Detention Basin Expansion**
- **Upper Flamingo Diversion Channel, Phase II**

Tropicana Wash Channel

Paradise Road to Koval Lane

Upper Flamingo Detention Basin and Outfall System

Van Buskirk Channel System

Washington/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, Cooper Street Bridge

Muddy River, Gubler Avenue Bridge

Clark County (continued)

Searchlight Flood Control Improvements

Unnamed Wash Improvements in Laughlin

District funding since 1987 for the projects plus design efforts of future projects total approximately \$564,830,723.

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 – F-4 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 17/18. The TYCP includes approximately \$1.8 million for this project.

Tropicana/Flamingo – Wagon Trail Channel – Sunset Road to Teco (PV = 81.0)

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 17/18. Construction funding is programmed in FY 20/21. The TYCP includes approximately \$1.9 million for this project.

Tropicana/Flamingo – Flamingo Wash, Maryland to Palos Verde (PV = 79.0)

FLWA 0621 and 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 = 91.0)

FLSP 0000, FLAG 0000 through 0020 and FLWA 0377 through 0593 – 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 17/18. The TYCP includes approximately \$3.2 million for this project.

Tropicana/Flamingo – Flamingo Wash Maryland – UNLV (PV = 78.0)

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 20/21 and construction funding is programmed in FY 23/24. The TYCP includes approximately \$6.2 million for this project.

Clark County (continued)

Tropicana/Flamingo – Airport Channel Naples (PV = 93.0)

TRMC 0013 through 0031 – This project consists of open channel improvements from Harmon Avenue to Tropicana Avenue. Design is underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$2.6 million for this project.

Tropicana/Flamingo – Vegas Valley Drive – Flamingo Wash to Pecos Road (PV = 81.5)

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 17/18 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$7.2 million for this project.

Tropicana/Flamingo – Flamingo Wash, Industrial Road to Hotel Rio Drive (PV = 83.5)

FLWA 0893 and 0896 – This project consists of open channel improvements in Flamingo Wash from the Union Pacific Railroad to Hotel Rio Drive. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$1.2 million for this project.

Tropicana/Flamingo – 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 from Mountain Vista Street to Morris Street. Design is programmed in FY 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$4.2 million for this project.

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

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 19/20. The TYCP includes approximately \$28.3 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

Clark County (continued)

programmed in FY 20/21 and construction funding is programmed in FY 23/24. The TYCP includes approximately \$14.7 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 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$4.7 million for this project.

Duck Creek/Blue Diamond – Duck Creek/Blue Diamond, Bermuda Road to Las Vegas Boulevard (PV = 81.0)

DCBD 0075, 0082 and 0084 – This project includes reinforced concrete box culverts of varying sizes 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 \$5.3 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Channel, Amigo Street to Rancho Destino (PV = 78.5)

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 from Rancho Destino Road to Amigo Street. Design and Right-of-Way Acquisition are programmed in FY 20/21. Construction funding is programmed in FY 23/24. The TYCP includes approximately \$9.8 million for this project.

Duck Creek/Blue Diamond – Upper Duck Creek – Duck Creek, Sunset Park (PV = 80.0)

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 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$13.8 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 underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$3.4 million for this project.

Clark County (continued)

Duck Creek/Blue Diamond – Upper Duck Creek – Blue Diamond Channel 02, I-15 to Decatur Boulevard (PV = 82.0)

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, an 84" reinforced concrete pipe in Silverado Ranch Boulevard from Dean Martin Drive to Arville Street, and a 12' x 8' reinforced concrete box culvert in Decatur Boulevard from La Baron Avenue to Pyle Avenue. Design is programmed in FY 17/18 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$11.2 million for this project.

Duck Creek/Blue Diamond – Upper Duck Creek – 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 Union Pacific Railroad spur that extends from Blue Diamond Road to Rainbow Boulevard. Right-of-Way Acquisition is programmed in FY 14/15 and design is programmed in FY 19/20. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$3.9 million for this project.

Duck Creek/Blue Diamond – Upper Duck Creek – Duck Creek Wash Tributary 4 – Detention Basin to Jones Boulevard (PV = 81.5)

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 from the Union Pacific Railroad to Jones Boulevard. Design is programmed in FY 18/19 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$5.0 million for this project.

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

DCWA 1446 and 1447 – This project consists of open channel improvements from I-15 to Dean Martin Drive, and a triple barrel 14' x 6' reinforced concrete box culvert crossing Dean Martin Drive approximately 800' south of Cactus Avenue. Design is underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$1.4 million for this project.

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

DCLV 0000 through 0059 – This project consists of reinforced concrete box culverts ranging in size from 10' x 8' to 16' x 7' in Las Vegas Boulevard from Starr Avenue to Frias Avenue. Design is underway. Additional design funding is programmed in FY 15/16 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$8.9 million for this project.

Clark County (continued)

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

DCHV 0026 through 0057 – This project consists of reinforced concrete box culverts ranging in size from 8' x 5' to 10' x 5' in Haven Street from Pyle Avenue to Cactus Avenue. Design is programmed in FY 18/19 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$4.2 million for this project.

The funding programmed for the Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Areas in Clark County (Las Vegas Valley) totals approximately \$145.3 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, 0029 and 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 17/18. The TYCP includes approximately \$0.60 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 18/19. The TYCP includes approximately \$6.4 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 15/16. 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 21/22. 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

Clark County (continued)

construction funding is programmed in FY 17/18. The TYCP includes approximately \$0.80 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 19/20 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$1.4 million for this project.

Laughlin – SR 163 at Casino Drive

LUBC 0000 through 0006 and 0031 – This project consists of open channel and storm drain 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 16/17. The TYCP includes approximately \$0.70 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 14/15. The TYCP includes approximately \$1.0 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 18/19. The TYCP includes approximately \$7.8 million for this project.

The TYCP for the Outlying Areas of Clark County totals approximately \$34.6 million.

In all, among the Tropicana/Flamingo, Duck Creek, Blue Diamond, and Outlying Planning Areas, Clark County has programmed approximately \$179.9 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 \$27,184,899.

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 – Town Wash – Mesa Boulevard, Pioneer to Town Wash

TWMB 0000 through 0022, and TOWA 0120 – This project includes open channel improvements and a 12' X 7' reinforced concrete box culvert extending from Town Wash to Pioneer Boulevard. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$1.9 million for this project.

Town Wash – 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 a 60" 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 – Virgin River Flood Wall

VREC 0000, 0028, and 0054 – This project includes approximately 4,300 feet of 17' high flood wall along the eastern edge of the City of Mesquite near Old Mills Road and Mesquite Boulevard. Design is programmed in FY 14/15 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 – 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 2015 Project List

The first year of the TYCP comprises the recommended FY 2015 Project List. It should be noted that construction and right-of-way funds programmed in FY 2016 and FY 2017 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 \$68.1 million. Projects eligible for funding in FY 2015 total \$122.8 million. These projects will be primarily funded from the estimated quarter percent Sales Tax Revenues and \$100,000,000 million in bonds that were programmed in fiscal year 2013-14. As of June 2014, the majority of the bonds are committed to projects. Projected revenue for the first year is \$70.6 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 2015 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 15/16. FY 2015 eligible funding is approximately \$1.4 million for this project.

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

PTHR 0104, 0139, 0140, and 0203 through 0205 – This project consists of a 65 acre-foot detention basin located approximately one-half mile south of Horizon Ridge Parkway and a 48" diameter concrete outfall pipe and concrete channel from the detention basin to Sumner Ranch Road. Design is underway. Construction funding is programmed in FY 14/15. FY 2015 eligible funding is approximately \$3.1 million for this project.

Pittman Burns – Pioneer Detention Basin Expansion and Inflow (PV = 98.0)

PTVW 0186, 0187 and PTIS 0000 – This project includes construction of a concrete lined channel upstream of the Pioneer Detention Basin and a Best Management Practices

FY 2015 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 complete. Construction funding of \$0.70 million has been encumbered. Due to expanded project scope, additional construction funding is programmed in FY 14/15. FY 2015 eligible funding is approximately \$1.5 million for this project.

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

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Design is underway. Construction funding is programmed in FY 14/15. FY 2015 eligible funding is approximately \$2.2 million for this project.

Lower Pittman – Pittman Wash Duck Creek at I-515 (PV = 97.0)

PTDC 0074 – This project consists of the addition of two 12' 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 2015 eligible funding is approximately \$1.9 million for this project.

Upper Pittman – St. Rose to Starr Avenue (PV = 96.5)

PTWA 0884 – This project consists of a concrete lined open channel from St. Rose Parkway to Starr Avenue. Design is programmed in FY 14/15 and construction funding is programmed in FY 16/17. FY 2015 eligible funding is approximately \$0.70 million for this project.

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. FY 2015 eligible funding is approximately \$1.1 million for this project.

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

PTNO 0180 through 0182, 0190 and 0195 – This project consists of a 600 acre-foot detention basin, spillway, riprap levee parallel to Volunteer Boulevard from just west of Amigo Street to approximately 0.20 miles west of Bermuda Road, double 18' x 7' reinforced concrete box culvert inflow structure under Volunteer Boulevard, and a 72" reinforced concrete outfall pipe to St. Rose Parkway at Executive Airport. Design is underway. Construction funding is programmed in FY 14/15. FY 2015 eligible funding is approximately \$14.6 million for this project.

FY 2015 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 14/15. FY 2015 eligible funding is approximately \$2.4 million for this project.

Total Programmed First Year: \$23,803,917

Total Eligible First Year: \$28,904,987

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

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

LVMD 1071 through 1149 – City of Las Vegas portion of this project consists of open channel improvements extending from Charleston Boulevard to Stewart Avenue. Additional construction management funding is programmed in FY 14/15. Construction is currently underway utilizing a Construction Manager at Risk (CMAR) approach. FY 2015 eligible funding is approximately \$0.50 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 14/15 for phase three (MEOK 0150 through 0217). FY 2015 eligible funding is approximately \$16.4 million for this project.

Gowan North – Buffalo Branch, Lone Mountain to Washburn (PV = 83.5)

GOBU 0112 and 0136 – This project consists of a reinforced concrete box culvert ranging in size from 7' x 6' to 8' x 6' in Buffalo Drive from Washburn Road to Lone Mountain Road. Design is underway. Construction funding is programmed in FY 15/16. FY 2015 eligible funding is approximately \$3.6 million for this project.

Upper Northern LV Wash – Upper Western Tributary – Centennial Parkway Channel West – CC 215, Pioneer to US 95 (PV = 83.5)

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 underway. Construction funding is programmed in FY 16/17. FY 2015 eligible funding is approximately \$12.4 million for this project.

FY 2015 Project List (continued)

Upper Northern LV Wash – Upper Western Tributary – Brent Drainage System – Floyd Lamb Park to Durango Drive (PV = 83.0)

BRDB 0043 – This project consists of an 8' x 6' reinforced concrete box culvert in Brent Lane from Durango Drive to the South Environmental Enhancement Area. Design is underway. Construction funding is programmed in FY 16/17. FY 2015 eligible funding is approximately \$3.8 million for this project.

Total Programmed First Year: \$16,898,969

Total Eligible First Year: \$36,608,800

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 – Central Freeway Channel at Cheyenne (PV = 83.5)

LV15 0051 – This project consists of a dual 13' x 10' reinforced concrete box culvert on the west side of I-15 at Cheyenne Avenue. Design is underway. Construction funding is programmed in FY 14/15. FY 2015 eligible funding is approximately \$4.8 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 14/15. FY 2015 eligible funding is approximately \$3.2 million for this project.

Lower Northern Las Vegas Wash – LV 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 from Deer Springs Way to Centennial Parkway. Design and Right-of-Way Acquisition are programmed in FY 15/16. Construction funding is programmed in FY 18/19. FY 2015 eligible funding is approximately \$0.40 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 from Gowan Road to Cheyenne Avenue. Design is underway. Construction funding is programmed in FY 15/16. FY 2015 eligible funding is approximately \$1.2 million for this project.

FY 2015 Project List (continued)

Range Wash – Lower Range – Orchard Collector – Charleston Boulevard to Linden Avenue (PV = 86.5)

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 2015 eligible funding is approximately \$0.20 million for this project.

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

RWRR 0107 through 0261 and RWBE 0000 – This project consists of a 226 acre-foot detention basin, spillway, an outfall structure consisting of a 24” diameter reinforced concrete pipe, 6’ x 6’ reinforced concrete box culvert, and rip rap collection channels located along the west side of the Union Pacific Railroad and the north side of the northern Beltway from the Union Pacific Railroad to Lamb Boulevard. Design is underway. Right-of-Way Acquisition is programmed in FY 14/15. Construction funding is programmed in FY 16/17. FY 2015 eligible funding is approximately \$7.4 million for this project.

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

RWWE 0352 and 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, 24” reinforced concrete outfall pipe in Pecos Road to Centennial Parkway and 8’ x 7’ reinforced concrete box culvert from approximately 700 feet north of Azure Avenue to Tropical Parkway. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. FY 2015 eligible funding is approximately \$1.0 million for this project.

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

RWHW 0173 through 0277 – This project consists of a reinforced concrete box culvert ranging in size from 9’ x 8’ to 12’ x 9’ in Hollywood Boulevard from I-15 to Las Vegas Boulevard near the Las Vegas Motor Speedway. Design is underway. Right-of-Way Acquisition and construction funding are programmed in FY 14/15. FY 2015 eligible funding is approximately \$15.2 million for this project.

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

RWHW 0355 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, and a 78” diameter reinforced concrete pipe crossing I-15 at Hollywood Boulevard. Design and Right-of-Way Acquisition are programmed in FY

FY 2015 Project List (continued)

16/17. Construction funding is programmed in FY 19/20. FY 2015 eligible funding is approximately \$0.10 million for this project.

Total Programmed First Year: \$25,091,969

Total Eligible First Year: \$33,780,655

Clark County (Las Vegas Valley)

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

Tropicana/Flamingo – Airport Channel Naples (PV = 93.0)

TRMC 0013 through 0031 – This project consists of open channel improvements from Harmon Avenue to Tropicana Avenue. Design is underway. Construction funding is programmed in FY 16/17. FY 2015 eligible funding is approximately \$2.6 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 underway. Construction funding is programmed in FY 16/17. FY 2015 eligible funding is approximately \$3.4 million for this project.

Duck Creek/Blue Diamond – Upper Duck Creek – 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 Union Pacific Railroad spur that extends from Blue Diamond Road to Rainbow Boulevard. Right-of-Way Acquisition is programmed in FY 14/15 and design is programmed in FY 19/20. Construction funding is programmed in FY 21/22. FY 2015 eligible funding is approximately \$0.30 million for this project.

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

DCWA 1446 and 1447 – This project consists of open channel improvements from I-15 to Dean Martin Drive, and a triple barrel 14' x 6' reinforced concrete box culvert crossing Dean Martin Drive approximately 800' south of Cactus Avenue. Design is underway. Construction funding is programmed in FY 16/17. FY 2015 eligible funding is approximately \$1.4 million for this project.

FY 2015 Project List (continued)

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

DCLV 0000 through 0059 – This project consists of reinforced concrete box culverts ranging in size from 10' x 8' to 16' x 7' in Las Vegas Boulevard from Starr Avenue to Frias Avenue. Design is underway. Additional design funding is programmed in FY 15/16 and construction funding is programmed in FY 16/17. FY 2015 eligible funding is approximately \$8.6 million for this project.

Clark County (Outlying Areas):

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

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 15/16. FY 2015 eligible funding is approximately \$3.8 million for this project.

Mount Charleston – Rainbow Canyon Boulevard Bridge

MTCH 0001 – This project consists of a new bridge structure for Rainbow Canyon Boulevard, just south of Kyle Canyon Road. Design is programmed in FY 14/15 and construction funding is programmed in FY 17/18. FY 2015 eligible funding is approximately \$0.10 million for this project.

Laughlin – SR 163 at Casino Drive

LUBC 0000 through 0006 and 0031 – This project consists of open channel and storm drain 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 16/17. FY 2015 eligible funding is approximately \$0.70 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 14/15. FY 2015 eligible funding is approximately \$1.0 million for this project.

FY 2015 Project List (continued)

Clark County (Las Vegas Valley) Programmed First Year: (\$ 48,577)*

***Net due to a scheduled return of funds.**

Clark County (Las Vegas Valley) Eligible First Year: \$15,972,176

Clark County (Outlying Areas) Programmed First Year: \$ 1,099,222

Clark County (Outlying Areas) Eligible First Year: \$ 5,622,628

Total Programmed First Year: \$ 1,050,646

Total Eligible First Year: \$21,594,804

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 the system. Design is underway. Construction funding is programmed in FY 14/15 FY 2015 eligible funding is approximately \$1.0 million for this project.

Total Programmed First Year: \$1,072,564

Total Eligible First Year: \$1,072,564

Mesquite:**Town Wash – 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 14/15 and construction funding is programmed in FY 17/18. FY 2015 eligible funding is approximately \$0.10 million for this project.

Town Wash – 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" 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 2015 eligible funding is approximately \$0.70 million for this project.

FY 2015 Project List (continued)

Virgin River – Virgin River Flood Wall

VREC 0000, 0028, and 0054 – This project includes approximately 4,300 feet of 17' high flood wall along the eastern edge of the City of Mesquite near Old Mills Road and Mesquite Boulevard. Design is programmed in FY 14/15 and Right-of-Way Acquisition is programmed in FY 17/18. Construction funding is programmed in FY 19/20. FY 2015 eligible funding is approximately \$0.10 million for this project.

Total Programmed First Year: \$224,998

Total Eligible First Year: \$888,077

EXHIBIT A

EXHIBIT A

PROGRAMMING PERCENTAGES

Planning Area		Current MPU Total Costs (a)	Percent of Total Planning Area
Henderson :			
	C-1	\$33,164,068	1.83%
	Pittman	\$118,051,220	6.52%
	Sub-total	\$151,215,288	8.35%
Las Vegas			
	Central	\$395,297,740	21.82%
	Gowan	\$158,747,407	8.76%
	Upper Northern L V Wash	\$146,916,284	8.11%
	Sub-total	\$700,961,431	38.70%
North Las Vegas			
	Lower Northern L V Wash	\$141,545,513	7.81%
	Range	\$179,731,909	9.92%
	Lower L V Wash	\$26,866,588	1.48%
	Apex	\$0	0.00%
	Sub-total	\$348,144,010	19.22%
Clark County			
	Duck Cr/Blue Diamond	\$201,718,434	11.14%
	Flamingo/Tropicana	\$131,106,775	7.24%
	Outlying	\$203,795,533	11.25%
	Sub-total	\$536,620,742	29.62%
Boulder City :			
	Boulder City	\$35,363,142	1.95%
	Sub-total	\$35,363,142	1.95%
Mesquite :			
	Mesquite	\$39,145,652	2.16%
	Sub-total	\$39,145,652	2.16%
GRAND-TOTAL		\$1,811,450,265	100.00%

Notes:

(a) Cost of remaining Category A facilities from applicable Master Plans as of 1/21/14

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 and Outfall											
PTNO 0180 thru 0182, 0190 & 0195	4 20.0	4 18.0	4 16.0	4 14.0	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	2 1.0	99.0
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights											
PTAP 0018	4 20.0	4 18.0	4 16.0	4 14.0	3 9.0	3 7.5	3 6.0	3 4.5	2 2.0	2 1.0	98.0
PROJECT: Pioneer Detention Basin Expansion and Inflow											
PTVW 0186, 0187 & PTIS 0000	4 20.0	4 18.0	4 16.0	4 14.0	3 9.0	3 7.5	3 6.0	3 4.5	2 2.0	2 1.0	98.0
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road											
PTHR 0104, 0139, 0140, 0203 thru 0205	4 20.0	4 18.0	4 16.0	3 10.5	3 9.0	3 7.5	4 8.0	3 4.5	3 3.0	2 1.0	97.5
PROJECT: Pittman West Horizon - Palm Hills											
PTWH 0032	4 20.0	4 18.0	4 16.0	3 10.5	3 9.0	3 7.5	4 8.0	3 4.5	3 3.0	2 1.0	97.5
PROJECT: Pittman Wash Duck Creek at I-515											
PTDC 0074	4 20.0	4 18.0	4 16.0	3 10.5	3 9.0	3 7.5	4 8.0	3 4.5	2 2.0	3 1.5	97.0
PROJECT: St. Rose to Starr Avenue											
PTWA 0884	4 20.0	4 18.0	4 16.0	3 10.5	3 9.0	3 7.5	4 8.0	3 4.5	2 2.0	2 1.0	96.5
PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer											
PTNO 0000 thru 0073	4 20.0	4 18.0	4 16.0	3 10.5	3 9.0	2 5.0	3 6.0	2 3.0	3 3.0	3 1.5	92.0
PROJECT: Whitney Wash Channel											
WWDC 0069	4 20.0	3 13.5	4 16.0	2 7.0	3 9.0	4 10.0	3 6.0	3 4.5	4 4.0	3 1.5	91.5
PROJECT: Pittman North Detention Basin to Larson Lane											
PTSD 0000 thru 0043	3 15.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	3 4.5	2 2.0	2 1.0	85.0
PROJECT: Galleria to Boulder Hwy.											
PTSU 0000 & 0023	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	4 8.0	3 4.5	3 3.0	3 1.5	84.5
PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.											
PTLA 0000 thru 0126	3 15.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	2 3.0	3 3.0	2 1.0	84.5
PROJECT: Pittman West Detention Basin & Outfall											
PTLA 0127 thru 0141 & 0181 thru 0221	3 15.0	3 13.5	3 12.0	3 10.5	2 6.0	2 5.0	3 6.0	3 4.5	3 3.0	3 1.5	77.0

HYDROGRAPHIC BASIN: C-1											
PROJECT: Racetrack Channel - Drake to Burkholder											
C1RT 0001 thru 0041	4 20.0	4 18.0	3 12.0	4 14.0	4 12.0	3 7.5	3 6.0	3 4.5	3 3.0	3 1.5	98.5
PROJECT: Center Street Storm Drain											
C1CT 0000 thru 0048	4 20.0	4 18.0	4 16.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	2 1.0	95.5
PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead											
C1CH 0161 & 0173	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	2 4.0	2 3.0	2 2.0	3 1.5	83.0

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
CITY OF LAS VEGAS											
HYDROGRAPHIC BASIN: CENTRAL											
PROJECT: Oakey - Meadows Storm Drain											
MEOK 0150 thru 0217	4	3	3	2	3	4	3	1	2	84.0	
	20.0	13.5	12.0	10.5	6.0	7.5	8.0	4.5	1.0	1.0	
PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (CLV Segment)											
LVMD 1071 thru 1149	4	3	3	3	3	3	2	1	2	83.5	
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	1.0	1.0	
PROJECT: Cedar Avenue Channel Improvements											
CACN 0001 & 0035, CNST 0000	4	3	3	3	2	2	3	3	4	83.5	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	3.0	2.0	
PROJECT: Boulder Highway Sahara Avenue - Mojave to Boulder Hwy											
BHSA 0000	4	3	4	3	2	2	2	1	2	83.0	
	20.0	13.5	16.0	10.5	9.0	5.0	4.0	3.0	1.0	1.0	
PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston											
FLBN 0038	4	3	3	3	2	2	3	1	3	81.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5	
PROJECT: Boulder Hwy, North, Charleston - Maryland to Boulder Hwy											
FLBN 0167 thru 0205	4	3	3	3	2	2	3	1	3	81.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5	
PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos											
LVBZ 0064 & 0114	4	3	3	3	2	2	3	1	3	81.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5	
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb											
LVBZ 0000	4	3	3	3	2	2	3	1	3	81.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5	
PROJECT: Owens Avenue East - LV Wash to Mojave											
LVOE 0000	4	3	3	3	2	2	3	1	3	81.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5	
PROJECT: Freeway Channel - Washington, Rancho to Valley View											
LV15 0528	4	3	3	3	2	2	2	1	2	79.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	1.0	1.0	
PROJECT: Freeway Channel - Washington, Valley View to Decatur											
LV15 0602	4	3	3	3	2	2	2	1	2	79.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	1.0	1.0	
PROJECT: Owens Avenue East - Mojave to Eastern											
LVOE 0085	4	3	3	3	2	2	2	1	2	79.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	1.0	1.0	
PROJECT: Flamingo - Boulder Highway North, Charleston - Main to Maryland											
FLBN 0281 & 0312	4	3	3	3	2	2	2	1	2	79.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	1.0	1.0	
PROJECT: Flamingo Wash - Maryland Parkway System											
FLMP 0000	4	4	3	2	2	2	2	2	2	78.0	
	20.0	18.0	12.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0	
PROJECT: Flamingo - Boulder Hwy, North, Main St.											
FLBN 0342	4	4	3	2	2	2	2	2	2	78.0	
	20.0	18.0	12.0	7.0	6.0	5.0	4.0	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: GOWAN											
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn											
GOBU 0112 & 0136	4	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 - El Capitan Branch, Lone Mtn to Washburn											
GOEC 0000 thru 0026	4	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., Allen to Simmons											
GOOF 0275 thru 0285	4	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 - Alexander Rd., Decatur to Allen											
GOOF 0325 thru 0375	4	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 - Alexander Branch											
GOA2 0000	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 - Craig, US-95 to Rancho											
GOAL 0168	4	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 - US-95, Lone Mountain to Craig											
GOAL 0247	4	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	4	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	
HYDROGRAPHIC BASIN: UPPER NORTHERN LAS VEGAS WASH											
PROJECT: Centennial Parkway Channel West - CC 215, Pioneer to US 95											
CNWE 0301 thru 0304	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: Brent Drainage System - Floyd Lamb Park to Durango											
BRDB 0043	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: Rancho Road System - Elkhorn, Grand Canyon to Hualapai											
RCHB 0295	4	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	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	4	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	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, Durango to Grand Teton											
CN95 0102 thru 0167	3	3	4	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	

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5	Value	
CITY OF NORTH LAS VEGAS											
HYDROGRAPHIC BASIN: LOWER NORTHERN LAS VEGAS WASH											
PROJECT: Central Freeway Channel at Cheyenne											
LV15 0051	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: Brooks Channel											
LVBR 0000, 0005, 0011, 0014, 0026	3	3	3	3	3	4	3	2	3	83.5	
	15.0	13.5	12.0	10.5	9.0	7.5	8.0	4.5	2.0	1.5	
PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan											
LVNC 0038	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	80.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0	
PROJECT: Las Vegas Boulevard Drain											
LVLV 0000	3	3	4	4	2	2	2	2	2	80.0	
	15.0	13.5	16.0	14.0	6.0	5.0	4.0	3.0	2.0	1.5	
PROJECT: Lake Mead Drain to Las Vegas Wash											
LVLE 0000 & 0047	4	3	3	3	3	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	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 0277	4	4	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: Orchard Collector - Charleston to Linden											
SLOR 0158	3	4	3	3	4	3	2	3	2	86.5	
	15.0	18.0	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0	
PROJECT: Beltway Detention Basin & Channel											
RWRR 0107 thru 0261 & RWBE 0000	3	4	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 0352, 0397 thru 0439	3	4	3	3	3	2	3	4	3	85.5	
	15.0	18.0	12.0	10.5	9.0	5.0	6.0	6.0	3.0	1.0	
PROJECT: Beltway Collection System - Pecos											
RWWE 0463 & RWBW 0000	3	3	3	3	4	3	2	3	2	82.0	
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0	
PROJECT: Owens Detention Basin & Outfall											
SLWA 0130 thru 0175 & SLOW 0000 thru 0005	3	3	3	3	4	3	2	3	2	82.0	
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0	
PROJECT: Speedway North Detention Basin											
RWHW 0500	3	3	3	4	3	2	3	3	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 0355 thru 0412	3	3	3	4	3	2	3	3	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	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 - Beltway Conveyance											
RWBW 0030 & RWWE 0493 & 0517	3	3	3	3	3	3	2	1	2	78.5	
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	1.0	1.0	
PROJECT: Range Wash - Ann Branch											
RWAN 0000 & 0050	3	3	3	3	3	2	3	2	2	77.0	
	15.0	13.5	12.0	10.5	9.0	5.0	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	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 (CC Segment)											
LVMD 0883 thru 1149 & FLWA 0001	5	4	4	3	2	3	4	3	3	3	100.0
	25.0	18.0	16.0	10.5	6.0	7.5	8.0	4.5	3.0	1.5	
PROJECT: Airport Channel - Naples											
TRMC 0013 thru 0031	4	4	3	3	4	3	3	3	2	1	93.0
	20.0	18.0	12.0	10.5	12.0	7.5	6.0	4.5	2.0	0.5	
PROJECT: Flamingo Wash, Tioga to Eastern											
FLSP 0000, FLAG 0000-0020 & FLWA 0377-0593	4	4	3	3	4	3	2	3	2	1	91.0
	20.0	18.0	12.0	10.5	12.0	7.5	4.0	4.5	2.0	0.5	
PROJECT: F-4 Patrick Lane/ Fort Apache Road Lateral											
FLOQ 0000	3	3	4	3	3	3	3	3	2	2	85.0
	15.0	13.5	16.0	10.5	9.0	7.5	6.0	4.5	2.0	1.0	
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.											
FLWA 0893 & 0896	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: Tropicana Avenue Conveyance - Las Vegas Wash to Morris											
LV01 0001 thru 0135	3	3	3	3	3	4	4	2	1	2	83.0
	15.0	13.5	12.0	10.5	9.0	10.0	8.0	3.0	1.0	1.0	
PROJECT: Tropicana Avenue Conveyance, Morris to Mountain Vista											
LV01 0151	3	3	3	3	3	3	3	4	2	3	83.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	6.0	2.0	1.5	
PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos											
VAVD 0000 & 0025	3	3	3	2	3	4	3	3	3	3	81.5
	15.0	13.5	12.0	7.0	9.0	10.0	6.0	4.5	3.0	1.5	
PROJECT: Wagon Trail Channel - Sunset to Teco											
WGTR 0111	3	3	3	3	3	3	3	2	3	3	81.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	3.0	1.5	
PROJECT: Flamingo Wash - Maryland to Palos Verde											
FLWA 0621 & 0673	3	3	3	3	3	3	3	2	2	1	79.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	2.0	0.5	
PROJECT: Flamingo Wash Maryland - UNLV											
FLMR 0000	3	3	3	3	3	3	2	2	3	1	78.0
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	3.0	0.5	
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.											
LV02 0001 thru 0294	3	3	3	3	3	2	3	2	2	3	77.5
	15.0	13.5	12.0	10.5	9.0	5.0	6.0	3.0	2.0	1.5	

HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond

PROJECT: Silverado Ranch Detention Basin											
BD02 0265 thru 0312	4	3	4	3	3	3	3	4	3	3	93.0
	20.0	13.5	16.0	10.5	9.0	7.5	6.0	6.0	3.0	1.5	
PROJECT: Blue Diamond Wash Railroad											
BDW5 0026	1	5	3	3	5	1	5	5	2	1	87.5
	5.0	22.5	12.0	10.5	15.0	2.5	10.0	7.5	2.0	0.5	
PROJECT: Duck Creek @ Dean Martin											
DCWA 1446 & 1447	3	3	3	3	3	4	3	3	3	3	85.0
	15.0	13.5	12.0	10.5	9.0	10.0	6.0	4.5	3.0	1.5	
PROJECT: Duck Creek Las Vegas Boulevard											
DCLV 0000 thru 0059	3	4	3	3	3	3	3	2	2	1	83.5
	15.0	18.0	12.0	10.5	9.0	7.5	6.0	3.0	2.0	0.5	
PROJECT: Blue Diamond Wash - Arville to I-15											
BDWA 0276	3	3	3	3	3	3	3	3	3	4	83.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	
PROJECT: Duck Creek Haven Street											
DCHV 0026 thru 0057	3	3	3	3	3	3	3	3	3	3	82.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.5	
PROJECT: Blue Diamond Channel 02, I-15 to Decatur											
BD02 0125 thru 0177 & 0359	3	3	3	3	3	3	3	3	3	2	82.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.0	
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones											
DCW4 0298	3	3	3	3	3	3	3	3	2	3	81.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.5	
PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.											
DCBD 0075, 0082 & 0084	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: Duck Creek, Sunset Park											
DCSP 0000	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: Blue Diamond Channel, Amigo to Rancho Destino											
BDWA 0087 thru 0174	3	3	3	2	3	3	3	3	3	2	78.5
	15.0	13.5	12.0	7.0	9.0	7.5	6.0	4.5	3.0	1.0	

EXHIBIT C

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

ADOPTED				FIRST FIVE YEARS 7/2019 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024								
			Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24		
TOTAL PLAN					Annual Resources	\$666,053,817	\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,849	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248	
Unencumbered from previous year			\$42,336,065	Cumulative Available Resources	\$630,971,199	\$2,449,194	\$20,636,071	\$14,984,109	\$6,150,342	\$1,797,854	\$119,695,928	\$79,226,698	\$49,300,672	\$29,896,805	\$35,082,617		
ENTITY RESOURCES					Annual Resources	\$75,245,888	\$24,215,915	\$2,948,676	\$3,361,688	\$3,743,194	\$4,071,311	\$20,607,120	\$3,537,319	\$3,884,641	\$4,251,732	\$4,624,292	
Unencumbered from previous year			\$21,820,562	Cumulative Available Resources		\$411,998	\$30,534	\$780,900	\$624,432	\$4,070,042	\$12,403,227	\$13,093,196	\$8,361,005	\$1,820,090	\$6,444,382		
ENTITY TOTAL			\$511,244,291	\$151,215,287	\$68,801,506	\$23,803,917	\$3,330,140	\$2,611,322	\$3,899,662	\$625,701	\$12,273,935	\$2,847,350	\$8,616,832	\$10,792,646	\$0		
HYDROGRAPHIC BASIN: PITTMAN			\$385,345,198	\$118,051,220	\$57,727,550	\$21,400,403	\$3,330,140	\$2,611,322	\$181,195	\$625,701	\$11,555,520	\$2,847,350	\$8,616,832	\$6,559,086	\$0		
SYSTEM: Pittman Burns			\$62,860,544	\$16,710,795	\$12,871,346	\$4,557,898	\$1,386,140	\$0	\$0	\$0	\$0	\$0	\$368,222	\$6,559,086	\$0		
	PROJECT: Pittman West Horizon - Palm Hills																
	Design/Admin	PTWH 0032	Design Started 09/10	\$176,466	\$1,386,140		\$73,438										
	Design/Admin		HEN12I09	\$141,172													
	Construction			\$1,261,728			\$1,312,702										
	PROJECT: Galleria to Boulder Hwy.																
	Design/Admin	PTSU 0000 & 0023	Design Started 09/10	\$331,728	\$6,927,308									\$41,740	\$596,280		
	Right-of-way		HEN12H09	\$265,382							\$326,482						
	Construction		Eng. Est.	\$2,371,852							\$5,962,806						
	PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road																
	Design/Admin	PTHR 0104, 0139, 0140, & 0203 thru 0205	Design Started 09/10	\$409,125	\$3,057,564	\$166,923											
	Right-of-way		HEN05E09	\$327,299													
	Construction			\$2,833,962		\$2,890,641											
	PROJECT: Pioneer Detention Basin Expansion and Inflow																
	Design/Admin	PTVW 0186, 0187 & PTIS 0000	Design Started 09/10		\$1,500,334	\$111,136											
	Right-of-way		HEN05D09														
Construction	HEN05F12 / Supplement			\$1,389,198													
SYSTEM: Pittman Beltway			\$194,000,710	\$25,343,632	\$2,156,421	\$2,156,421	\$0	\$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	\$92,803	\$2,156,421	\$37,864											
	Right-of-way		HEN22A09	\$74,242													
Construction	Eng. Est.		\$663,541	\$2,118,557													
SYSTEM: Lower Pittman			\$124,601,910	\$19,509,780	\$4,972,545	\$0	\$1,944,000	\$0	\$181,195	\$0	\$0	\$2,847,350	\$0	\$0	\$0	\$0	
	PROJECT: Whitney Wash Channel																
	Design/Admin	WWDC 0069	Design Started 09/10	\$44,526	\$3,028,545				\$181,195			\$258,850					
	Right-of-way		HEN07D09	\$35,620													
	Construction		Eng. Est.	\$318,355						\$2,588,500							
	PROJECT: Pittman Wash Duck Creek at I-515																
Design/Admin	PTDC 0074	Design Started 09/10	\$50,633	\$1,944,000	\$144,000												
Right-of-way		HEN01H09	\$40,507														
Construction		Eng. Est.	\$362,027		\$1,800,000												
SYSTEM: Upper Pittman			\$3,708,705	\$49,351,790	\$37,727,238	\$14,686,084	\$0	\$2,611,322	\$0	\$625,701	\$11,555,520	\$0	\$8,248,610	\$0	\$0	\$0	
	PROJECT: St. Rose to Starr Avenue																
	Design/Admin	PTWA 0884		\$81,178	\$700,088	\$49,681		\$34,459									
	Right-of-way			\$64,942													
	Construction			\$580,422		\$615,948											
	PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer																
	Design/Admin	PTNO 0000 thru 0073		\$1,319,867	\$13,516,435			\$840,392		\$612,213							
	Right-of-way			\$1,055,894			\$1,120,523										
	Construction			\$9,437,053					\$10,943,307								
	PROJECT: Pittman North Detention Basin and Outfall																
	Design/Admin	PTNO 0180 thru 0182, 0190 & 0195	25% Design left	\$1,587,181	\$14,636,403	\$565,945											
	Right-of-way		HEN16A01	\$1,269,744													
	Construction			\$9,872,999		\$14,070,459											
	PROJECT: Pittman North Detention Basin to Larson Lane																
	Design/Admin	PTSD 0000 thru 0043		\$396,976	\$4,312,907					\$268,158			\$195,349				
	Right-of-way			\$317,581				\$357,544									
Construction			\$2,838,375						\$3,491,856								
PROJECT: Pittman West Detention Basin & Outfall																	
Design/Admin	PTLA 0127 thru 0141 & 0181 thru 0221		\$3,129,791	\$3,310,220									\$2,310,220				
Right-of-way			\$2,503,834									\$1,000,000					
Construction			\$20,239,509														
PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.																	
Design/Admin	PTLA 0000 thru 0126		\$726,451	\$1,251,185									\$536,221				
Right-of-way			\$581,162									\$714,964					
Construction			\$5,194,132														

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2014 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024						
			Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24	
TOTAL PLAN					Annual Resources	\$666,053,817	\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,649	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248
Unencumbered from previous year			\$42,336,065	Cumulative Available Resources	\$630,971,199	\$2,449,194	\$20,636,071	\$14,984,109	\$6,150,342	\$1,797,854	\$119,695,928	\$79,226,698	\$49,300,672	\$29,896,805	\$35,082,617	
ENTITY RESOURCES					Annual Resources	\$75,245,888	\$24,215,915	\$2,948,676	\$3,361,688	\$3,743,194	\$4,071,311	\$20,607,120	\$3,537,319	\$3,884,641	\$4,251,732	\$4,624,292
Unencumbered from previous year			\$21,820,562	Cumulative Available Resources		\$411,998	\$30,534	\$780,900	\$624,432	\$4,070,042	\$12,403,227	\$13,093,196	\$8,361,005	\$1,820,090	\$6,444,382	
ENTITY TOTAL			\$511,244,291	\$151,215,287	\$68,801,506	\$23,803,917	\$3,330,140	\$2,611,322	\$3,899,662	\$625,701	\$12,273,935	\$2,847,350	\$8,616,832	\$10,792,646	\$0	
HYDROGRAPHIC BASIN: C-1			\$125,899,093	\$33,164,068	\$11,073,956	\$2,403,514	\$0	\$0	\$3,718,467	\$0	\$718,415	\$0	\$0	\$4,233,560	\$0	
SYSTEM: C-1			\$125,899,093	\$33,164,068	\$11,073,956	\$2,403,514	\$0	\$0	\$3,718,467	\$0	\$718,415	\$0	\$0	\$4,233,560	\$0	
PROJECT: Center Street Storm Drain									\$197,005							
Design/Admin		C1CT 0000 thru 0048	Design Started 09/10	\$450,588	\$3,718,467											
Right-of-way			HEN23A09	\$360,470												
Construction				\$3,221,701					\$3,521,462							
PROJECT: Racetrack Channel - Drake to Burkholder																
Design/Admin		C1RT 0001 thru 0041	Design Started 09/10	\$312,104	\$2,403,514	\$127,338										
Right-of-way			HEN04P09	\$249,684												
Construction				\$2,231,544		\$2,276,175										
PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead																
Design/Admin		C1CH 0161 & 0173		\$442,522	\$4,951,975						\$307,892			\$224,295		
Right-of-way				\$354,018							\$410,523					
Construction				\$3,164,033										\$4,009,266		

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2014 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024								
	Fac. ID Mile Range	Exsting Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24				
TOTAL PLAN																		
Annual Resources					\$666,053,817	\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,649	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248			
Unencumbered from previous year					\$42,336,065	Cumulative Available Resources	\$630,971,199	\$2,449,194	\$20,636,071	\$14,984,109	\$6,150,342	\$1,797,854	\$119,695,928	\$79,226,698	\$49,300,672	\$29,896,805	\$35,082,617	
ENTITY RESOURCES																		
Annual Resources					\$253,575,409	\$17,024,972	\$13,668,646	\$15,583,170	\$17,351,649	\$18,872,643	\$95,524,710	\$16,397,311	\$18,007,328	\$19,708,986	\$21,435,994			
Unencumbered from previous year					\$5,921,264	Cumulative Available Resources	\$253,757,218	\$126,004	\$8,293,360	\$5,567,372	\$104,894	\$1,587,071	\$54,104,520	\$8,566,479	\$6,385,376	(\$346,103)	(\$181,809)	
ENTITY TOTAL					\$957,137,971	\$690,818,733	\$253,757,218	\$16,898,969	\$5,501,290	\$18,309,158	\$22,814,127	\$17,390,467	\$43,007,260	\$61,935,351	\$20,188,432	\$26,440,464	\$21,271,700	
HYDROGRAPHIC BASIN: CENTRAL					\$403,721,788	\$385,155,042	\$139,109,067	\$16,898,969	\$0	\$244,479	\$717,809	\$2,393,976	\$23,613,973	\$33,505,788	\$18,759,385	\$21,702,989	\$21,271,700	
SYSTEM: LV Wash I-15 Tributary					\$109,476,848	\$77,154,912	\$15,104,586	\$0	\$0	\$0	\$0	\$0	\$1,038,487	\$0	\$7,108,561	\$6,957,537	\$0	
	PROJECT: Freeway Channel - Washington, Valley View to Decatur																	
	Design/Admin	LV15 0602		\$727,252	\$7,463,535							\$505,997				\$368,611		
	Right-of-way			\$581,802														
	Construction			\$5,199,850									\$6,588,926					
	PROJECT: Freeway Channel - Washington, Rancho to Valley View																	
	Design/Admin	LV15 0528		\$765,329	\$7,641,051							\$532,490		\$376,612				
	Right-of-way			\$612,263														
	Construction			\$5,472,102							\$6,731,949							
	SYSTEM: LV Wash Central					\$285,079,544	\$133,972,846	\$48,510,354	\$16,898,969	\$0	\$0	\$0	\$0	\$8,758,612	\$549,644	\$0	\$14,745,451	\$7,557,679
		PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (CLV Segment)																
Design/Admin		LVMD 1071 thru 1149	Design Started 11/12	\$1,315,286	\$486,000	\$486,000												
Right-of-way			CLA15D12 / LAS28C12	\$1,052,228														
Construction				\$9,404,292														
PROJECT: Oakley - Meadows Storm Drain																		
Design/Admin		MEOK 0070 thru 0110	Design Started 03/04 LAS05E03		\$16,412,969													
Construction																		
Design/Admin				MEOK 0150 thru 0217		\$566,808	\$231,258											
Construction		Eng. Est.	\$7,040,893	\$16,181,711														
PROJECT: Cedar Avenue Channel Improvements																		
Design/Admin	CACN 0001 & 0035, CNST 0000	Design Started 13/14	\$877,918	\$7,686,227							\$407,217							
Design/Admin		LAS25B13	\$702,335															
Construction			\$6,277,116							\$7,279,010								
PROJECT: Owens Avenue East - LV Wash to Mojave																		
Design/Admin	LVOE 0000		\$1,541,300	\$15,817,836														
Right-of-way			\$1,233,040															
Construction			\$11,020,297								\$1,072,385				\$781,216			
PROJECT: Owens Avenue East - Mojave to Eastern																		
Design/Admin	LVOE 0085		\$766,974	\$8,107,322														
Right-of-way			\$613,579															
Construction			\$5,483,861											\$13,964,235				
SYSTEM: Sahara Boulder Highway					\$9,165,396	\$174,027,284	\$75,494,128	\$0	\$0	\$244,479	\$717,809	\$2,393,976	\$13,816,874	\$32,956,145	\$11,650,824	\$0	\$13,714,021	
	PROJECT: Boulder Highway Sahara Avenue - Mojave to Boulder Hwy																	
	Design/Admin	BHSA 0000	Design Started 09/10	\$383,963	\$3,606,099													
	Right-of-way		LAS27A09	\$307,171														
	Construction			\$2,745,337									\$3,183,521					
	PROJECT: Flamingo - Boulder Highway North, Charleston - Main to Maryland																	
	Design/Admin	FLBN 0281 & 0312		\$474,725	\$5,018,090												\$247,835	
	Right-of-way			\$379,780														
	Construction			\$3,394,278											\$4,430,048			
	PROJECT: Boulder Hwy. North, Charleston - Maryland to Boulder Hwy																	
	Design/Admin	FLBN 0167 thru 0205		\$1,254,363	\$12,523,567													
Right-of-way			\$1,003,490															
Construction			\$8,968,692										\$11,033,562					
PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston																		
Design/Admin	FLBN 0038		\$1,954,412	\$18,944,538														
Right-of-way			\$1,563,530															
Construction			\$13,974,050															
PROJECT: Flamingo Wash - Maryland Parkway System																		
Design/Admin	FLMP 0000		\$608,856	\$6,435,935														
Right-of-way			\$487,085															
Construction			\$4,353,321												\$5,681,746			
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb																		
Design/Admin	LVBZ 0000		\$1,094,511	\$10,300,319														
Right-of-way			\$875,609															
Construction			\$7,825,754															
PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos																		
Design/Admin	LVBZ 0064 & 0114		\$1,589,587	\$15,408,210														
Right-of-way			\$1,271,670															
Construction			\$11,365,550															
PROJECT: Flamingo - Boulder Hwy. North, Main St.																		
Design/Admin	FLBN 0342	Design Started 10/11	\$308,156	\$3,257,369														
Right-of-way		LAS29A10	\$246,524															
Construction		Eng'r's Est.	\$2,203,311															
																	\$2,875,656	

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2014 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024							
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24		
TOTAL PLAN					Annual Resources	\$666,053,817	\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,649	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248	
Unencumbered from previous year		\$42,336,065	Cumulative Available Resources		\$630,971,199	\$2,449,194	\$20,636,071	\$14,984,109	\$6,150,342	\$1,797,854	\$119,695,928	\$79,226,698	\$49,300,672	\$29,896,805	\$35,082,617		
ENTITY RESOURCES					Annual Resources	\$253,575,409	\$17,024,972	\$13,668,646	\$15,583,170	\$17,351,849	\$18,872,643	\$95,524,710	\$16,397,311	\$18,007,328	\$19,708,986	\$21,435,994	
Unencumbered from previous year		\$5,921,264	Cumulative Available Resources			\$126,004	\$8,293,360	\$5,567,372	\$104,894	\$1,587,071	\$54,104,520	\$8,566,479	\$6,385,376	(\$346,103)	(\$181,809)		
ENTITY TOTAL			\$957,137,971	\$690,818,733	\$253,757,218	\$16,898,969	\$5,501,290	\$18,309,158	\$22,814,127	\$17,390,467	\$43,007,260	\$61,935,351	\$20,188,432	\$26,440,464	\$21,271,700		
HYDROGRAPHIC BASIN: GOWAN			\$293,217,265	\$158,747,407	\$57,323,060	\$0	\$3,926,114	\$639,676	\$1,272,404	\$5,663,416	\$11,225,365	\$28,429,563	\$1,429,047	\$4,737,476	\$0		
SYSTEM: Gowan North			\$166,668,680	\$158,433,211	\$57,323,060	\$0	\$3,926,114	\$639,676	\$1,272,404	\$5,663,416	\$11,225,365	\$28,429,563	\$1,429,047	\$4,737,476	\$0		
	PROJECT: Gowan Outfall - Alexander Rd., Allen to Simmons																
	Design/Admin	GOOF 0275 thru 0285		\$1,004,635	\$11,520,501			\$639,676			\$465,994						
	Right-of-way			\$803,708													
	Construction			\$8,981,317					\$10,414,831								
	PROJECT: Gowan Outfall - Alexander Rd., Decatur to Allen																
	Design/Admin	GOOF 0325 thru 0375		\$1,940,153	\$18,766,144				\$1,272,404			\$926,927					
	Right-of-way			\$1,552,122													
	Construction			\$13,872,093					\$16,568,814								
	PROJECT: Gowan Outfall - El Capitan Branch, Lone Mtn to Washburn																
	Design/Admin	GOEC 0000 thru 0026		\$557,696	\$5,088,589		\$348,136			\$251,150							
	Right-of-way			\$446,157													
	Construction			\$3,987,530				\$4,489,303									
	PROJECT: Gowan Outfall - El Capitan Branch, Washburn to Ann Road																
	Design/Admin	GOEC 0051 thru 0076		\$495,195	\$5,082,015						\$344,540				\$250,992		
	Right-of-way			\$396,156													
	Construction			\$3,540,644					\$4,486,484								
	PROJECT: Gowan - Alexander Branch																
	Design/Admin	GOA2 0000		\$334,099	\$3,238,493					\$225,684		\$159,619					
Right-of-way			\$267,279														
Construction			\$2,388,808					\$2,853,190									
PROJECT: Gowan - Craig, US-95 to Rancho																	
Design/Admin	GOAL 0168		\$878,384	\$8,514,364					\$593,349		\$419,656						
Right-of-way			\$702,707														
Construction			\$6,280,446					\$7,501,358									
PROJECT: Gowan - US-95, Lone Mountain to Craig																	
Design/Admin	GOAL 0247		\$153,856	\$1,532,976					\$103,930			\$75,711					
Right-of-way			\$123,084														
Construction			\$1,100,066					\$1,353,336									
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn																	
Design/Admin	GOBU 0112 & 0136	Design Started In 13/14	\$455,503	\$3,577,977		\$189,562											
Right-of-way		LAS24H13	\$364,401														
Construction			\$3,256,839			\$3,388,415											

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2014 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024						
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24		
TOTAL PLAN					Annual Resources	\$666,053,817	\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,649	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248
Unencumbered from previous year		\$42,336,065	Cumulative Available Resources	\$630,971,199	\$2,449,194	\$20,636,071	\$14,984,109	\$6,150,342	\$1,797,854	\$119,695,928	\$79,226,698	\$49,300,672	\$29,896,805	\$35,082,617		
ENTITY RESOURCES					Annual Resources	\$253,575,409	\$17,024,972	\$13,668,646	\$15,583,170	\$17,351,649	\$18,872,643	\$95,524,710	\$16,397,311	\$18,007,328	\$19,708,986	\$21,435,894
Unencumbered from previous year		\$5,921,264	Cumulative Available Resources		\$126,004	\$8,293,360	\$5,567,372	\$104,894	\$1,587,071	\$54,104,520	\$8,566,479	\$6,385,376	(\$346,103)	(\$181,809)		
ENTITY TOTAL			\$957,137,971	\$690,818,733	\$253,757,218	\$16,898,969	\$5,501,290	\$18,309,158	\$22,814,127	\$17,390,467	\$43,007,260	\$61,935,351	\$20,188,432	\$26,440,464	\$21,271,700	
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH			\$260,198,919	\$146,916,284	\$57,325,091	\$0	\$1,575,177	\$17,425,003	\$20,823,914	\$9,333,074	\$8,167,923	\$0	\$0	\$0	\$0	
SYSTEM: Ann Road			\$71,879,876	\$13,931,771	\$3,817,175	\$0	\$268,436	\$0	\$3,548,739	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai															
	Design/Admin	RCHB 0295		\$430,021	\$3,817,175		\$268,436		\$188,013							
	Right-of-way			\$344,017												
	Construction			\$3,074,648			\$3,360,726									
SYSTEM: Upper Western Tributary			\$156,679,079	\$58,441,201	\$53,507,916	\$0	\$1,306,741	\$17,425,003	\$17,275,175	\$9,333,074	\$8,167,923	\$0	\$0	\$0	\$0	
	PROJECT: Centennial Parkway Channel West - US 95, Elkhorn to Durango															
	Design/Admin	CN95 0068		\$1,098,001	\$10,032,199			\$699,124		\$494,467						
	Right-of-way			\$878,401												
	Construction			\$7,850,709			\$8,838,607									
	PROJECT: Centennial Parkway Channel West - US 95, Durango to Grand Teton															
	Design/Admin	CN95 0102 thru 0167		\$932,937	\$8,761,947			\$594,024		\$432,737						
	Right-of-way			\$746,350												
	Construction			\$6,670,502			\$7,735,185									
	PROJECT: Centennial Parkway Channel West - CC 215, Pioneer to US 95															
	Design/Admin	CNWE 0301 thru 0304	Design Started 13/14	\$1,545,574	\$12,383,321			\$656,070								
	Right-of-way		LAS23E13	\$1,236,458												
	Construction			\$11,050,851			\$11,727,251									
	PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Elkhorn															
	Design/Admin	CNWE 0325 and CN95 0000		\$1,416,806	\$12,576,596		\$984,427		\$619,453							
	Right-of-way			\$1,133,444												
	Construction			\$10,130,163			\$11,072,716									
	PROJECT: Brent Drainage System - Durango to El Capitan															
	Design/Admin	BRDB 0107 thru 0157		\$676,524	\$6,005,320		\$422,313		\$295,788							
Right-of-way			\$541,220													
Construction			\$4,837,150			\$5,287,218										
PROJECT: Brent Drainage System - Floyd Lamb Park to Durango																
Design/Admin	BRDB 0043	Design Started 13/14	\$467,857	\$3,748,533			\$198,598									
Design/Admin		LAS22S13	\$374,287													
Construction			\$3,345,184			\$3,549,936										

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

					FIRST FIVE YEARS 7/2014 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024				
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24
TOTAL PLAN			Annual Resources	\$666,053,817	\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,649	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248
Unencumbered from previous year		\$42,336,065	Cumulative Available Resources	\$630,971,199	\$2,449,194	\$20,636,071	\$14,984,109	\$6,150,342	\$1,797,854	\$119,895,928	\$79,226,898	\$49,300,672	\$29,896,805	\$35,082,617
ENTITY RESOURCES			Annual Resources	\$143,049,391	\$25,562,730	\$6,788,758	\$7,739,637	\$8,617,982	\$9,373,408	\$47,443,916	\$8,143,994	\$8,943,695	\$9,788,791	\$10,646,539
Unencumbered from previous year		\$20,047,891	Cumulative Available Resources		\$470,762	\$4,740,308	\$5,152,727	\$797,583	(\$197,154)	\$40,022,501	\$45,260,901	\$42,993,428	\$21,948,855	\$32,595,394
ENTITY TOTAL				\$110,453,997	\$25,091,969	\$2,519,211	\$7,327,218	\$12,973,126	\$10,368,145	\$7,224,261	\$2,905,594	\$11,211,109	\$30,833,364	\$0
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH				\$33,718,296	\$7,982,984	\$1,880,396	\$0	\$0	\$4,090,182	\$0	\$755,965	\$638,708	\$18,370,061	\$0
SYSTEM: Lower Western Tributary				\$7,982,984	\$7,982,984	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Central Freeway Channel at Cheyenne														
Design/Admin			Design Started 13/14	\$619,236	\$252,648									
Right-of-way		LV15 0051	NLV18F13	\$495,389										
Construction				\$4,427,535	\$4,516,086									
PROJECT: Brooks Channel														
Design/Admin			Design Started 07/08	\$56,498	\$23,051									
Right-of-way		LVBR 0000, 0005, 0011, 0014, 0026	NLV18B07	\$45,198	\$46,102									
Construction				\$403,958	\$3,145,097									
SYSTEM: LV Wash Craig				\$4,784,928	\$0	\$694,746	\$0	\$0	\$4,090,182	\$0	\$0	\$0	\$0	\$0
PROJECT: Fifth Street Collector - Centennial to Deer Springs														
Design/Admin				\$470,561		\$293,743			\$211,910					
Right-of-way		LVSC 0000 & 0002		\$385,432		\$401,003								
Construction				\$3,444,794					\$3,878,272					
SYSTEM: Cheyenne Lamb Nellis				\$20,950,384	\$0	\$1,185,649	\$0	\$0	\$0	\$0	\$755,965	\$638,708	\$18,370,061	\$0
PROJECT: Lake Mead Drain to Las Vegas Wash														
Design/Admin				\$1,054,874							\$755,965		\$534,669	
Right-of-way		LVLE 0000 & 0047		\$843,900										
Construction				\$7,542,353									\$9,557,202	
PROJECT: Las Vegas Boulevard Drain														
Design/Admin				\$865,296								\$638,708	\$438,580	
Right-of-way		LVLV 0000		\$692,237										
Construction				\$6,186,866									\$7,839,611	
PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan														
Design/Admin			Design Started 13/14	\$150,941		\$62,816								
Right-of-way		LVNC 0038	NLV01H13	\$120,753										
Construction				\$1,079,232		\$1,122,833								
HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH				\$330,000	\$330,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SYSTEM: Lower Las Vegas Wash				\$330,000	\$330,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (NLV Segment)														
Design/Admin			Design Started 11/12	\$330,282	\$330,000									
Right-of-way		LVMD 0883 & 0911	CLA15D12 / LAS28C12	\$264,225										
Construction			Eng. Est	\$2,325,860										

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

					FIRST FIVE YEARS 7/2014 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024				
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24
TOTAL PLAN														
Annual Resources					\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,649	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248
Unencumbered from previous year					\$2,449,194	\$20,636,071	\$14,984,109	\$6,150,342	\$1,797,854	\$119,695,928	\$79,226,698	\$49,300,672	\$29,896,805	\$35,082,617
Cumulative Available Resources														
ENTITY RESOURCES														
Annual Resources					\$25,562,730	\$6,788,758	\$7,739,637	\$8,617,982	\$9,373,408	\$47,443,916	\$8,143,994	\$8,943,635	\$9,788,791	\$10,646,539
Unencumbered from previous year					\$470,762	\$4,740,308	\$5,152,727	\$797,583	(\$197,154)	\$40,022,501	\$45,260,901	\$42,993,428	\$21,948,855	\$32,595,394
Cumulative Available Resources														
ENTITY TOTAL					\$25,091,969	\$2,519,211	\$7,327,218	\$12,973,126	\$10,368,145	\$7,224,261	\$2,905,594	\$11,211,109	\$30,833,364	\$0
HYDROGRAPHIC BASIN: RANGE					\$16,778,984	\$638,815	\$7,327,218	\$12,973,126	\$6,277,963	\$7,224,261	\$2,149,630	\$10,572,400	\$12,463,303	\$0
SYSTEM: Lower Range					\$0	\$228,379	\$355,882	\$488,744	\$689,195	\$4,697,964	\$43,029	\$4,061,376	\$410,845	\$0
PROJECT: Range Wash - Alto Conveyance, Confluence DB to Los Feliz														
Design/Admin									\$295,370			\$215,172		
Right-of-way									\$393,825					
Construction												\$3,846,204		
PROJECT: Orchard Collector - Charleston to Linden														
Design/Admin						\$14,443								
Right-of-way						\$27,765								
Construction						\$205,829								
PROJECT: Owens Detention Basin & Outfall														
Design/Admin							\$355,882			\$259,254				
Right-of-way								\$488,744						
Construction										\$4,438,709				
PROJECT: Range Wash - Sloan Channel, Stewart Bridge														
Design/Admin											\$43,029		\$30,433	
Right-of-way													\$380,412	
Construction														
SYSTEM: West Range					\$1,574,716	\$410,436	\$6,743,412	\$12,484,382	\$5,588,768	\$383,559	\$0	\$2,194,451	\$0	\$0
PROJECT: Beltway Detention Basin & Channel														
Design/Admin								\$373,427						
Right-of-way						\$617,853								
Construction							\$6,369,986							
PROJECT: Range Wash - Beltway Conveyance														
Design/Admin										\$184,383		\$116,262		
Right-of-way										\$219,176				
Construction												\$2,078,189		
PROJECT: Vandenberg North Detention Basin, Collection & Outfall														
Design/Admin														
Right-of-way														
Construction														
PROJECT: Beltway Collection System - Pecos														
Design/Admin										\$296,094				
Right-of-way														
Construction										\$5,292,674				
SYSTEM: East Range					\$15,204,268	\$0	\$227,924	\$0	\$0	\$2,142,738	\$2,106,601	\$4,316,573	\$12,052,457	\$0
PROJECT: Hollywood System, Las Vegas Blvd to Azure														
Design/Admin														
Right-of-way														
Construction														
PROJECT: Range Wash - Ann Branch														
Design/Admin											\$902,829		\$638,541	
Right-of-way											\$1,203,772			
Construction													\$11,413,917	
PROJECT: Hollywood System, Azure to Speedway #2 Detention Basin														
Design/Admin														
Right-of-way														
Construction														
PROJECT: Speedway North Detention Basin														
Design/Admin														
Right-of-way														
Construction														

EXHIBIT C

**CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
ADOPTED**

					FIRST FIVE YEARS 7/2014 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024						
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24	
TOTAL PLAN					Annual Resources	\$666,053,817	\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,649	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248
Unencumbered from previous year		\$42,336,065	Cumulative Available Resources		\$630,971,199	\$2,449,194	\$20,636,071	\$14,984,109	\$8,150,342	\$1,797,854	\$119,695,928	\$79,226,698	\$49,300,672	\$29,896,805	\$35,082,617	
ENTITY RESOURCES					Annual Resources	\$182,147,009	\$1,055,917	\$10,464,027	\$11,929,690	\$13,283,548	\$14,447,944	\$73,128,903	\$12,552,955	\$13,785,503	\$15,088,206	\$16,410,317
Unencumbered from previous year		(\$7,444,523)	Cumulative Available Resources			\$5,271	\$6,297,098	\$1,208,339	\$4,543,955	\$2,722,005	\$21,799,900	\$20,711,088	(\$152,892)	\$13,659,546	\$2,213,127	
ENTITY TOTAL			\$1,051,414,030	\$538,565,233	\$179,933,882	\$1,050,646	\$4,172,200	\$17,018,449	\$9,947,931	\$16,269,895	\$54,051,008	\$13,641,757	\$34,649,493	\$1,275,768	\$27,856,736	
HYDROGRAPHIC BASIN: Tropicana/ Flamingo			\$692,700,384	\$158,884,827	\$73,706,470	(\$340,000)	\$0	\$2,629,568	\$7,053,090	\$466,562	\$34,964,136	\$3,025,217	\$6,415,291	\$0	\$19,492,608	
SYSTEM: Tropicana Flamingo Project			\$362,797,746	\$19,573,293	\$1,845,000	\$0	\$0	\$0	\$1,845,000	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral									\$150,000							
Design/Admin		FLOQ 0000	Design Started 04/05	\$947,732	\$1,845,000											
Right-of-way			CLA01B04	\$758,186												
Construction			Eng. Est.	\$6,776,287					\$1,695,000							
SYSTEM: Lower Flamingo			\$240,901,175	\$107,037,196	\$24,670,793	(\$340,000)	\$0	\$2,629,568	\$5,208,090	\$181,837	\$6,658,331	\$2,010,537	\$2,500,284	\$0	\$5,822,147	
PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (CC Segment)																
Design/Admin		LVMD 0983 thru 1149 & FLWA 0001	Design Started 11/12	\$4,045,847	(\$340,000)											
Right-of-way			CLA15D12 / LAS28C12	\$4,045,847												
Construction			Est. Supp.	\$28,040,900												
PROJECT: Wagon Trail Channel - Sunset to Teco																
Design/Admin		WGTR 0111		\$176,000	\$1,856,438					115,425			84,086			
Right-of-way				\$140,800						153,900						
Construction				\$1,258,396								1,503,027				
PROJECT: Flamingo Wash, Maryland to Palos Verde																
Design/Admin		FLWA 0621 & 0673		\$269,188	\$2,682,121					\$181,837				\$132,465		
Right-of-way				\$215,351												
Construction				\$1,524,694									\$2,367,818			
PROJECT: Flamingo Wash, Tioga to Eastern																
Design/Admin		FLSP 0000, FLA0 0000-0020, FLWA 0377-0593	Design Started 99/00	\$74,008	\$3,210,000				\$210,000							
Right-of-way			CLA04E99	\$59,206												
Construction			Eng. Est.	\$529,156					\$3,000,000							
PROJECT: Flamingo Wash Maryland - UNLV																
Design/Admin		FLMR 0000		\$590,847	\$6,245,572								\$423,424		\$308,458	
Right-of-way				\$472,678												
Construction				\$4,224,557												\$5,513,689
PROJECT: Airport Channel - Naples																
Design/Admin		TRMC 0013 thru 0031	Design Started 13/14	\$328,199	\$2,629,568			\$139,315								
Right-of-way			CLA10H13	\$262,559												
Construction				\$2,346,621					\$2,490,253							
PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos																
Design/Admin		VAVD 0000 & 0025		\$760,512	\$7,157,095				\$498,764		\$352,759					
Right-of-way				\$608,410												
Construction				\$5,437,663						\$6,305,572						
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.																
Design/Admin		FLWA 0893 & 0896	Design Started 09/10	\$32,099	\$1,230,000				\$100,000							
Right-of-way			CLA10F10	\$25,679												
Construction			Eng. Est.	\$229,504					\$1,130,000							
SYSTEM: Lower LV Wash Tributaries			\$17,154,487	\$29,604,381	\$47,190,677	\$0	\$0	\$0	\$0	\$284,725	\$28,305,805	\$1,014,680	\$3,915,007	\$0	\$13,670,460	
PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista																
Design/Admin		LV01 0151		\$421,501	\$4,199,732					\$284,725				\$207,418		
Right-of-way				\$337,201										\$3,707,589		
Construction				\$3,013,735												
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris																
Design/Admin		LV01 0001 thru 0135	Design Started 11/12	\$1,275,229	\$28,305,805						\$1,088,685					
Right-of-way			CLA35A11	\$1,020,185												
Construction				\$9,117,898							\$27,217,120					
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.																
Design/Admin		LV02 0001 thru 0294		\$1,415,886	\$14,685,140							\$1,014,680			\$739,179	
Right-of-way				\$1,132,709												
Construction				\$9,907,874												\$12,931,282

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2014 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024											
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24							
TOTAL PLAN					Annual Resources	\$666,053,817	\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,649	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248					
Unencumbered from previous year					\$42,336,065	Cumulative Available Resources					\$630,971,199	\$2,449,194	\$20,636,071	\$14,984,109	\$6,150,342	\$1,797,854	\$119,695,928	\$79,226,698	\$49,300,672	\$29,896,805	\$35,082,617
ENTITY RESOURCES					Annual Resources	\$182,147,009	\$1,055,917	\$10,464,027	\$11,929,690	\$13,283,548	\$14,447,944	\$73,128,903	\$12,552,955	\$13,785,503	\$15,088,206	\$16,410,317					
Unencumbered from previous year					(\$7,444,523)	Cumulative Available Resources					\$5,271	\$6,297,098	\$1,208,339	\$4,543,955	\$2,722,005	\$21,799,900	\$20,711,098	(\$152,892)	\$13,659,546	\$2,213,127	
ENTITY TOTAL					\$1,051,414,030	\$538,565,233	\$179,933,882	\$1,050,646	\$4,172,200	\$17,018,449	\$9,947,931	\$16,269,895	\$54,051,008	\$13,641,757	\$34,649,493	\$1,275,768	\$27,856,736				
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond					\$302,474,814	\$201,718,434	\$71,561,929	\$291,423	\$325,990	\$13,711,685	\$1,556,276	\$1,579,757	\$18,981,927	\$10,616,540	\$16,134,202	\$0	\$8,364,128				
SYSTEM: Blue Diamond Tributaries					\$45,918,214	\$47,534,900	\$19,854,384	\$0	\$0	\$320,500	\$775,213	\$0	\$4,406,926	\$5,987,617	\$0	\$0	\$8,364,128				
PROJECT: Blue Diamond Wash - Arville to I-15																					
Design/Admin					BDWA 0276	\$503,358	\$4,727,426			\$320,500		\$233,479									
Right-of-way						\$402,686															
Construction						\$3,599,007						\$4,173,447									
PROJECT: Duck Cr./Blue Diamond, Bermuda to Las Vegas Blvd.																					
Design/Admin					DCBD 0075, 0082 & 0084	\$506,588	\$5,343,478			\$332,234		\$242,027									
Right-of-way						\$405,271				\$442,979											
Construction						\$3,622,105						\$4,326,238									
PROJECT: Blue Diamond Channel, Amigo to Rancho Destino																					
Design/Admin					BDWA 0087 thru 0174	\$848,814	\$9,783,480					\$608,294				\$443,133					
Right-of-way						\$679,051						\$811,058									
Construction						\$6,069,022										\$7,920,996					
SYSTEM: Upper Duck Creek					\$66,782,047	\$74,969,770	\$37,236,745	\$291,423	\$0	\$3,446,845	\$781,063	\$1,278,882	\$10,675,406	\$4,628,923	\$16,134,202	\$0	\$0				
PROJECT: Duck Creek, Sunset Park																					
Design/Admin					DCSP 0000	\$1,379,919	\$13,749,163			\$932,137		\$679,048									
Right-of-way						\$1,103,935															
Construction						\$9,866,422							\$12,137,977								
PROJECT: Silverado Ranch Detention Basin																					
Design/Admin					BD02 0265 thru 0312	\$442,489	\$3,446,845			\$187,829											
Right-of-way						\$353,991															
Construction						\$3,071,043															
PROJECT: Blue Diamond Channel 02, I-15 to Decatur																					
Design/Admin					BD02 0125 thru 0177 & 0359	\$1,190,960	\$11,207,986			\$781,063		\$552,420									
Right-of-way						\$952,768															
Construction						\$8,515,360						\$9,874,502									
PROJECT: Blue Diamond Wash Railroad																					
Design/Admin					BDW5 0026	\$357,137	\$3,857,084					\$248,484		\$175,744							
Right-of-way						\$285,709															
Construction						\$2,553,531								\$3,141,432							
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones																					
Design/Admin					DCW4 0298	\$513,315	\$4,975,668			\$346,745		\$245,241									
Right-of-way						\$410,652															
Construction						\$3,670,199						\$4,383,682									
SYSTEM: Lower Duck Creek					\$165,125,232	\$22,785,422	\$1,357,423	\$0	\$0	\$1,357,423	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
PROJECT: Duck Creek @ Dean Martin																					
Design/Admin					DCWA 1446 & 1447	\$169,422	\$1,357,423			\$71,917											
Right-of-way						\$135,537															
Construction						\$1,211,361															
SYSTEM: Central Duck Creek					\$24,649,321	\$56,428,342	\$13,113,377	\$0	\$325,990	\$8,586,917	\$0	\$300,875	\$3,899,595	\$0	\$0	\$0	\$0				
PROJECT: Duck Creek Las Vegas Boulevard																					
Design/Admin					DCLV 0000 thru 0059	\$1,624,351	\$8,912,907			\$325,990		\$689,510									
Right-of-way						\$1,299,481															
Construction						\$11,614,105															
PROJECT: Duck Creek Haven Street																					
Design/Admin					DCHV 0026 thru 0057	\$445,410	\$4,200,470					\$300,875	\$206,601								
Right-of-way						\$356,329															
Construction						\$3,184,684							\$3,692,994								

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2014 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024						
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24		
TOTAL PLAN					Annual Resources	\$666,053,817	\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,649	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248
Unencumbered from previous year		\$42,336,065	Cumulative Available Resources		\$630,971,199	\$2,449,194	\$20,636,071	\$14,984,109	\$6,150,342	\$1,797,854	\$119,695,928	\$79,226,698	\$49,300,672	\$29,896,805	\$35,082,617	
ENTITY RESOURCES					Annual Resources	\$1,055,917	\$10,464,027	\$11,929,690	\$13,283,548	\$14,447,944	\$73,128,903	\$12,552,955	\$13,785,503	\$15,088,206	\$16,410,317	
Unencumbered from previous year		(\$7,444,523)	Cumulative Available Resources		\$5,271	\$6,297,098	\$1,208,339	\$4,543,955	\$2,722,005	\$21,799,900	\$20,711,098	(\$152,892)	\$13,659,546	\$2,213,127		
ENTITY TOTAL			\$1,051,414,030	\$538,565,233	\$179,933,882	\$1,050,646	\$4,172,200	\$17,018,449	\$9,947,931	\$16,269,895	\$54,051,008	\$13,641,757	\$34,649,493	\$1,275,768	\$27,856,736	
HYDROGRAPHIC BASIN: Outlying Areas			\$56,238,831	\$177,961,972	\$34,665,483	\$1,099,222	\$3,846,210	\$677,196	\$1,338,566	\$14,223,576	\$104,945	\$0	\$12,100,000	\$1,275,768	\$0	
SYSTEM: Goodsprings			\$64,849	\$2,701,170	\$636,603	\$0	\$0	\$0	\$636,603	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: Goodsprings - Phase I															
	Design/Admin	GSEA 0000	Design Started 09/10	\$91,455	\$636,603				\$31,201							
	Right-of-way	GSPA 0027 & 0029	GSP01B10	\$55,910					\$47,686							
	Construction	GSPV 0019		\$653,904					\$557,716							
SYSTEM: Muddy River & Tributaries			\$11,813,000	\$104,600,000	\$22,327,374	\$0	\$3,846,210	\$0	\$0	\$6,381,164	\$0	\$0	\$12,100,000	\$0	\$0	
	PROJECT: Fairgrounds - Detention Basin															
	Design/Admin	FGWS 0000 thru 0166	Design Started 10/11	\$757,000	\$6,381,164					\$347,721						
	Right-of-way		MOA03A11	\$0												
	Construction			\$5,254,000					\$6,033,443							
	PROJECT: Muddy River Logandale Levee															
	Design/Admin	MRL 0001, 0013, 0038	Design Started 09/10	\$451,000	\$3,846,210		\$312,700									
	Right-of-way		MOA01F10	\$0												
	Construction		Eng. Est.	\$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			\$304,564	\$894,337	\$758,718	\$56,755	\$0	\$0	\$701,962	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: Rainbow Canyon Boulevard Bridge															
	Design/Admin	MTCH 0001		\$118,849	\$758,718	\$56,755			\$40,547							
	Right-of-way			\$0												
	Construction			\$775,488				\$661,416								
SYSTEM: Laughlin			\$33,124,938	\$58,328,851	\$2,057,909	\$0	\$0	\$677,196	\$0	\$0	\$104,945	\$0	\$0	\$1,275,768	\$0	
	PROJECT: Hiko Detention Basin Expansion															
	Design/Admin	LUHS 0244		\$193,302	\$1,380,713					\$104,945				\$76,451		
	Right-of-way			\$0												
	Construction			\$1,212,966						\$1,199,317						
	PROJECT: SR 163 at Casino Drive															
	Design/Admin	LUBC 0000 thru 0006 & 0031	Design Started 08/09	\$98,081	\$677,196			\$32,487								
Right-of-way	LAU04A08		\$24,526													
Construction			\$778,578				\$644,710									
SYSTEM: Searchlight			\$1,411,509	\$3,224,834	\$1,042,467	\$1,042,467	\$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	\$173,481	\$1,042,467	\$55,230										
	Right-of-way		SEA03A09	\$0												
	Construction			\$1,240,394		\$987,237										
SYSTEM: Bunkerville			\$9,519,970	\$8,212,780	\$7,842,412	\$0	\$0	\$0	\$0	\$7,842,412	\$0	\$0	\$0	\$0	\$0	
	PROJECT: Windmill Wash Detention Basin Expansion															
	Design/Admin	WIWA 0039, WJUE 0000 & JEWA 0165	Design Started 10/11	\$1,537,304	\$7,842,412					\$706,147						
	Design/Admin		BUN01D11	\$0												
	Construction			\$6,214,352				\$7,136,265								

EXHIBIT C

CITY OF BOULDER CITY
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

					FIRST FIVE YEARS 7/2014 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024				
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24
TOTAL PLAN														
Annual Resources					\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,649	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248
Unencumbered from previous year					\$2,449,194	\$20,636,071	\$14,984,109	\$6,150,342	\$1,797,854	\$119,695,928	\$79,226,698	\$49,300,672	\$29,896,805	\$35,082,617
Cumulative Available Resources														
ENTITY RESOURCES														
Annual Resources					\$1,197,564	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Unencumbered from previous year					\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000	\$125,000
Cumulative Available Resources														
ENTITY TOTAL					\$1,072,564	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
HYDROGRAPHIC BASIN: Boulder City					\$1,072,564	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SYSTEM: Hemenway					\$1,072,564	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Hemenway System, Phase II Improvements														
	Design/Admin	HMLV 0006 & 0019 HMTH 0034,	Design Started 09/10	\$139,527	\$56,927									
	Right-of-way	HMLM 0066 & 0085, HMWA 0005, 0105, 0158,	BOU01C10	\$0										
	Construction	0173, 0175, & 0182		\$995,722	\$1,015,637									
				\$1,072,564										

EXHIBIT C

CITY OF MESQUITE
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2014 THRU 6/2019					SECOND FIVE YEARS 7/2019 THRU 6/2024					
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17	(Year 4) FY 17/18	(Year 5) FY 18/19	(Year 6) FY 19/20	(Year 7) FY 20/21	(Year 8) FY 21/22	(Year 9) FY 22/23	(Year 10) FY 23/24	
TOTAL PLAN				Annual Resources	\$666,053,817	\$28,256,191	\$34,870,107	\$39,614,185	\$43,996,373	\$47,765,307	\$237,704,649	\$41,631,578	\$45,626,738	\$49,938,376	\$54,314,248
Unencumbered from previous year		\$42,336,065	Cumulative Available Resources	\$630,971,199	\$2,449,194	\$20,636,071	\$14,984,109	\$6,150,342	\$1,797,854	\$119,695,928	\$79,226,698	\$49,300,672	\$29,896,805	\$35,082,617	
ENTITY RESOURCES				Annual Resources	\$10,838,557	\$1,535,158	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,005,631	\$1,100,661	\$1,197,107	
Unencumbered from previous year		\$915,064	Cumulative Available Resources		\$1,310,160	\$1,149,771	\$2,149,771	(\$45,522)	(\$6,509,109)	(\$8,759,221)	(\$9,529,976)	(\$8,411,244)	(\$7,310,583)	(\$6,113,476)	
ENTITY TOTAL			\$51,329,343	\$39,145,652	\$16,952,033	\$224,998	\$1,160,388	\$0	\$3,195,294	\$7,463,587	\$3,250,112	\$770,755	\$886,899	\$0	\$0
HYDROGRAPHIC BASIN: Mesquite			\$51,329,343	\$39,145,652	\$16,952,033	\$224,998	\$1,160,388	\$0	\$3,195,294	\$7,463,587	\$3,250,112	\$770,755	\$886,899	\$0	\$0
SYSTEM: Town Wash			\$22,881,796	\$10,064,098	\$10,543,521	\$124,998	\$1,160,388	\$0	\$1,845,149	\$7,412,986	\$0	\$0	\$0	\$0	\$0
PROJECT: Town Wash - Mesa Boulevard, Pioneer to Town Wash															
Design/Admin	TWMB 0000		\$200,240	\$1,970,147	\$124,998			\$89,299							
Right-of-way	thru 0022		\$160,192												
Construction	TOWA 0120		\$1,574,887					\$1,755,850							
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	\$1,350,145	\$50,601	\$3,250,112	\$770,755	\$886,899	\$0	\$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 2014 - 2015
PROJECT LIST**

	Facility ID Mile Range	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17
CITY OF HENDERSON	TOTAL ELIGIBLE YEAR 1	\$28,904,987		
	ENTITY TOTAL	\$23,803,917	\$3,330,140	\$1,770,930
HYDROGRAPHIC BASIN: PITTMAN		\$21,400,403	\$3,330,140	\$1,770,930
SYSTEM: Pittman Burns		\$4,557,898	\$1,386,140	\$0
PROJECT: Pittman West Horizon - Palm Hills				
Design/Admin	PTWH 0032		\$73,438	
Construction			\$1,312,702	
PROJECT: Horizon Ridge Debris Basin & Outfall at Sumner Ranch Road				
Design/Admin	PTHR 0104, 0139, 0140, & 0203 thru 0205	\$166,923		
Construction		\$2,890,841		
PROJECT: Pioneer Detention Basin Expansion and Inflow				
Design/Admin	PTVW 0186, 0187 & PTIS 0000	\$111,136		
Construction		\$1,389,198		
SYSTEM: Pittman Beltway		\$2,156,421	\$0	\$0
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights				
Design/Admin	PTAP 0018	\$37,864		
Construction		\$2,118,557		
SYSTEM: Lower Pittman		\$0	\$1,944,000	\$0
PROJECT: Pittman Wash Duck Creek at I-515				
Design/Admin	PTDC 0074		\$144,000	
Construction			\$1,800,000	
SYSTEM: Upper Pittman		\$14,686,084	\$0	\$1,770,930
PROJECT: St. Rose to Starr Avenue				
Design/Admin	PTWA 0884	\$49,681		\$34,459
Construction				\$616,946
PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer				
Right-of-way	PTNO 0000 thru 0073			\$1,120,523
PROJECT: Pittman North Detention Basin and Outfall				
Design/Admin	PTNO 0180 thru 0182, 0190 & 0195	\$565,945		
Construction		\$14,070,459		
HYDROGRAPHIC BASIN: C-1		\$2,403,514	\$0	\$0
SYSTEM: C-1		\$2,403,514	\$0	\$0
PROJECT: Racetrack Channel - Drake to Burkholder				
Design/Admin	C1RT 0001 thru 0041	\$127,338		
Construction		\$2,276,175		
CITY OF LAS VEGAS	TOTAL ELIGIBLE YEAR 1	\$36,608,800		
	ENTITY TOTAL	\$16,898,969	\$3,577,977	\$16,131,854
HYDROGRAPHIC BASIN: CENTRAL		\$16,898,969	\$0	\$0
SYSTEM: LV Wash Central		\$16,898,969	\$0	\$0
PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (CLV Segment)				
Design/Admin	LVMD 1071 thru 1149	\$486,000		
PROJECT: Oakey - Meadows Storm Drain				
Design/Admin	MEOK 0150 thru 0217 Eng. Est.	\$231,258		
Construction		\$16,181,711		
HYDROGRAPHIC BASIN: GOWAN		\$0	\$3,577,977	\$0
SYSTEM: Gowan North		\$0	\$3,577,977	\$0
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn				
Design/Admin	GOBU 0112 & 0136		\$189,562	
Construction			\$3,388,415	
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH		\$0	\$0	\$16,131,854
SYSTEM: Upper Western Tributary		\$0	\$0	\$16,131,854
PROJECT: Centennial Parkway Channel West - CC 215, Pioneer to US 95				
Design/Admin	CNWE 0301 thru 0304			\$656,070
Construction				\$11,727,251
PROJECT: Brent Drainage System - Floyd Lamb Park to Durango				
Design/Admin	BRDB 0043			\$198,598
Construction				\$3,549,936

**EXHIBIT D
FISCAL YEAR 2014 - 2015
PROJECT LIST**

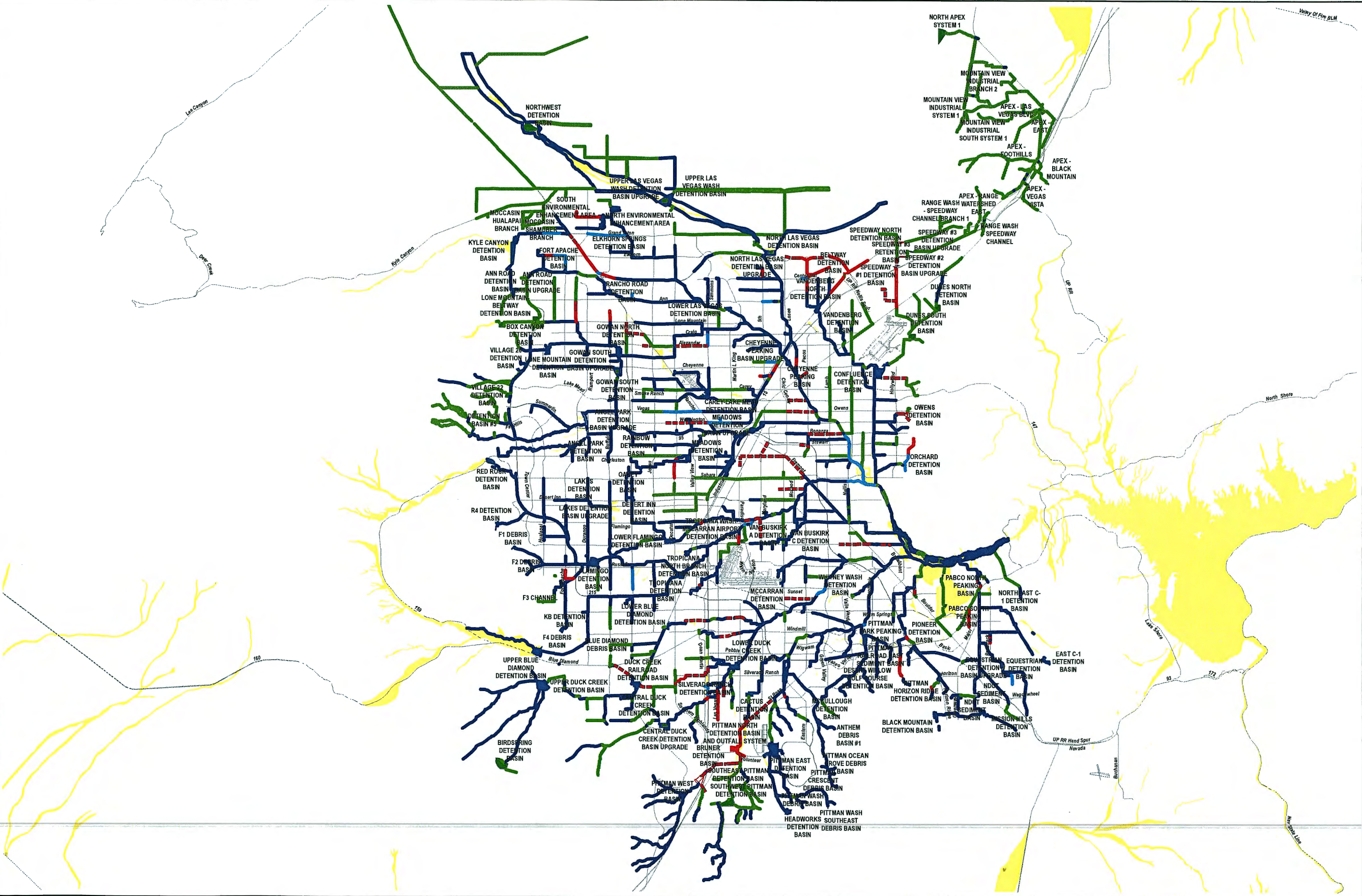
	Facility ID Mile Range	(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17
CITY OF NORTH LAS VEGAS	TOTAL ELIGIBLE YEAR 1	\$33,780,655		
	ENTITY TOTAL	\$25,091,969	\$1,815,031	\$6,873,654
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH		\$7,982,984	\$1,586,652	\$0
SYSTEM: Lower Western Tributary		\$7,982,984	\$0	\$0
PROJECT: Central Freeway Channel at Cheyenne				
Design/Admin	LV15 0051	\$252,648		
Construction		\$4,516,086		
PROJECT: Brooks Channel				
Design/Admin		\$23,051		
Right-of-way	LVBR 0000, 0005, 0011, 0014, 0026	\$46,102		
Construction		\$3,145,097		
SYSTEM: LV Wash Craig		\$0	\$401,003	\$0
PROJECT: Fifth Street Collector - Centennial to Deer Springs				
Right-of-way	LV5C 0000 & 0002		\$401,003	
SYSTEM: Cheyenne Lamb Nellis		\$0	\$1,185,649	\$0
PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan				
Design/Admin	LVNC 0038		\$62,816	
Construction			\$1,122,833	
HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH		\$330,000	\$0	\$0
SYSTEM: Lower Las Vegas Wash		\$330,000	\$0	\$0
PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (NLV Segment)				
Design/Admin	LVMD 0883 & 0911	\$330,000		
HYDROGRAPHIC BASIN: RANGE		\$16,778,984	\$228,379	\$6,873,654
SYSTEM: Lower Range		\$0	\$228,379	\$0
PROJECT: Orchard Collector - Charleston to Linden				
Design/Admin	SLOR 0158		\$14,443	
Construction			\$213,936	
SYSTEM: West Range		\$1,574,716	\$0	\$6,743,412
PROJECT: Beltway Detention Basin & Channel				
Design/Admin				\$373,427
Right-of-way	RWRR 0107 thru 0261 and RWBE 0000	\$617,853		
Construction				\$6,369,986
PROJECT: Vandenberg North Detention Basin, Collection & Outfall				
Design/Admin	RWVE 0352, 0397 thru 0439	\$956,863		
SYSTEM: East Range		\$15,204,268	\$0	\$130,242
PROJECT: Hollywood System, Las Vegas Blvd to Azure				
Design/Admin		\$778,647		
Right-of-way	RWHW 0173 thru 0277	\$507,300		
Construction		\$13,918,321		
PROJECT: Hollywood System, Azure to Speedway #2 Detention Basin				
Right-of-way	RWHW 0355 thru 0412			\$130,242
CLARK COUNTY	TOTAL ELIGIBLE YEAR 1	\$21,594,804		
	ENTITY TOTAL	\$1,050,646	\$3,846,210	\$16,697,949
HYDROGRAPHIC BASIN: Tropicana/ Flamingo		(\$340,000)	\$0	\$2,629,568
SYSTEM: Lower Flamingo		(\$340,000)	\$0	\$2,629,568
PROJECT: Las Vegas Wash - Sloan Channel to Bonanza & Flamingo Wash Below Nellis (CC Segment)				
Construction	LVMD 0883 thru 1149 & FLWA 0001	(\$340,000)		
PROJECT: Airport Channel - Naples				
Design/Admin				\$139,315
Construction	TRMC 0013 thru 0031			\$2,490,253
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond		\$291,423	\$0	\$13,391,185
SYSTEM: Upper Duck Creek		\$291,423	\$0	\$3,446,845
PROJECT: Silverado Ranch Detention Basin				
Design/Admin	BD02 0265 thru 0312			\$187,829
Construction				\$3,259,016
PROJECT: Blue Diamond Wash Railroad				
Right-of-way	BDW5 0028	\$291,423		
SYSTEM: Lower Duck Creek		\$0	\$0	\$1,357,423
PROJECT: Duck Creek @ Dean Martin				
Design/Admin	DCWA 1446 & 1447			\$71,917
Construction				\$1,285,506
SYSTEM: Central Duck Creek		\$0	\$0	\$8,586,917
PROJECT: Duck Creek Las Vegas Boulevard				
Design/Admin	DCLV 0000 thru 0059			\$689,510
Construction				\$7,897,407
HYDROGRAPHIC BASIN: Outlying Areas		\$1,099,222	\$3,846,210	\$677,196
SYSTEM: Muddy River & Tributaries		\$0	\$3,846,210	\$0
PROJECT: Muddy River Logandale Levee				
Design/Admin	MRLL 0001, 0013, 0038		\$312,700	
Construction			\$3,533,510	
SYSTEM: Mount Charleston		\$56,755	\$0	\$0
PROJECT: Rainbow Canyon Boulevard Bridge				
Design/Admin	MTCH 0001	\$56,755		
SYSTEM: Laughlin		\$0	\$0	\$677,196
PROJECT: SR 163 at Casino Drive				
Design/Admin	LUBC 0000 thru 0006 & 0031			\$32,487
Construction				\$644,710
SYSTEM: Searchlight		\$1,042,467	\$0	\$0
PROJECT: Searchlight - South, Encinitas St. Storm Drain				
Design/Admin	SRSO 0000 thru 0030	\$55,230		
Construction		\$987,237		

EXHIBIT D
FISCAL YEAR 2014 - 2015
PROJECT LIST

Facility ID Mile Range		(Year 1) FY 14/15	(Year 2) FY 15/16	(Year 3) FY 16/17
CITY OF BOULDER CITY		TOTAL ELIGIBLE YEAR 1		
		\$1,072,564		
ENTITY TOTAL		\$1,072,564	\$0	\$0
HYDROGRAPHIC BASIN: Boulder City		\$1,072,564	\$0	\$0
SYSTEM: Hemenway		\$1,072,564	\$0	\$0
PROJECT: Hemenway System, Phase II Improvements				
Design/Admin	HMLV 0006 & 0019 HMTH 0034, HMLM 0066 & 0085,	\$56,927		
Construction	HMWA 0005, 0105, 0158, 0173, 0175, & 0182	\$1,015,637		
CITY OF MESQUITE		TOTAL ELIGIBLE YEAR 1		
		\$888,077		
ENTITY TOTAL		\$224,998	\$663,079	\$0
HYDROGRAPHIC BASIN: Mesquite		\$224,998	\$663,079	\$0
SYSTEM: Town Wash		\$124,998	\$663,079	\$0
PROJECT: Town Wash - Mesa Boulevard, Pioneer to Town Wash				
Design/Admin	TWMB 0000 thru 0022, TOWA 0120	\$124,998		
PROJECT: Town Wash Mesa Boulevard, Chaparral to Pioneer				
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



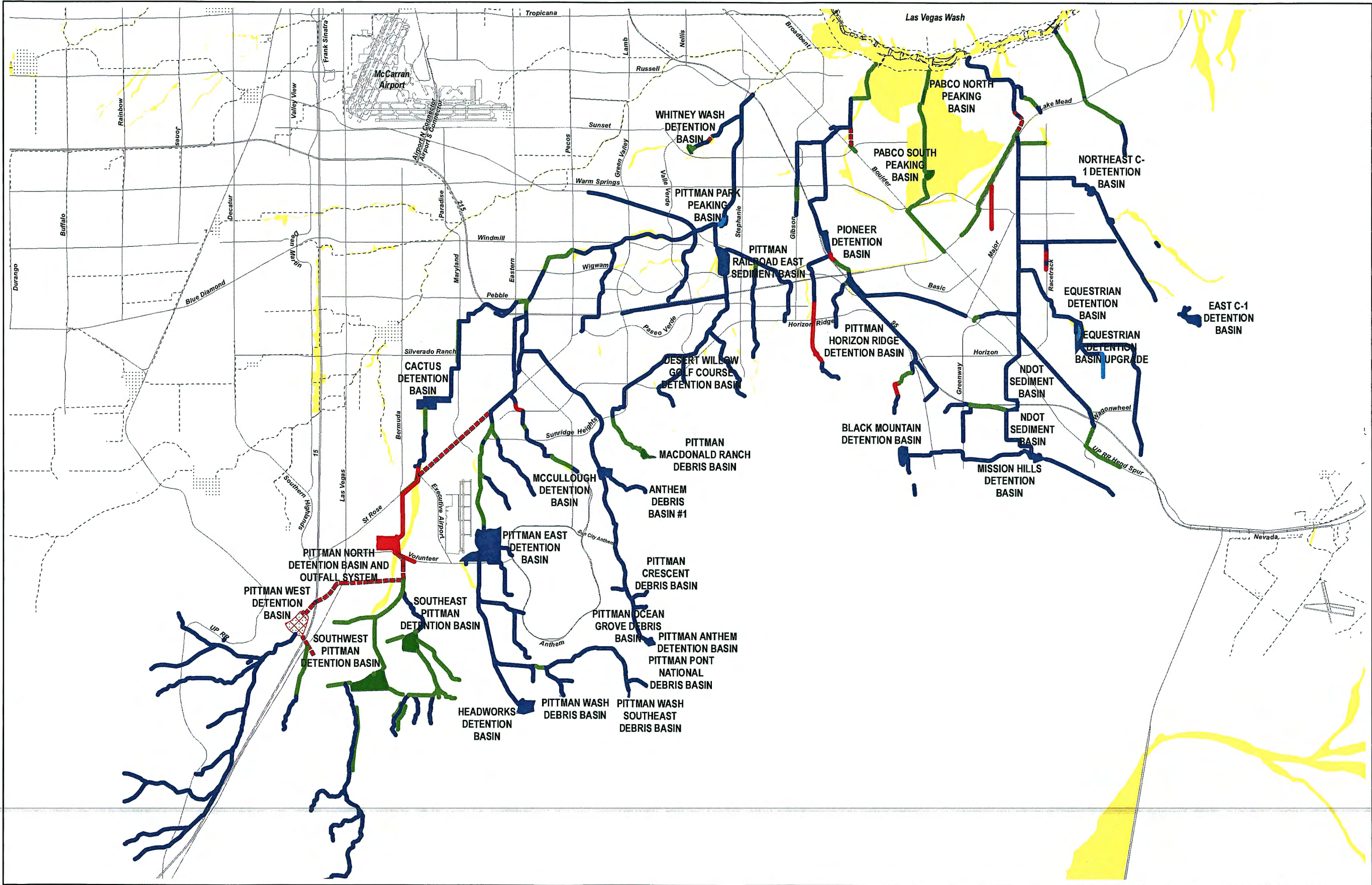
1 inch = 4.5 miles

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

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

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

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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CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

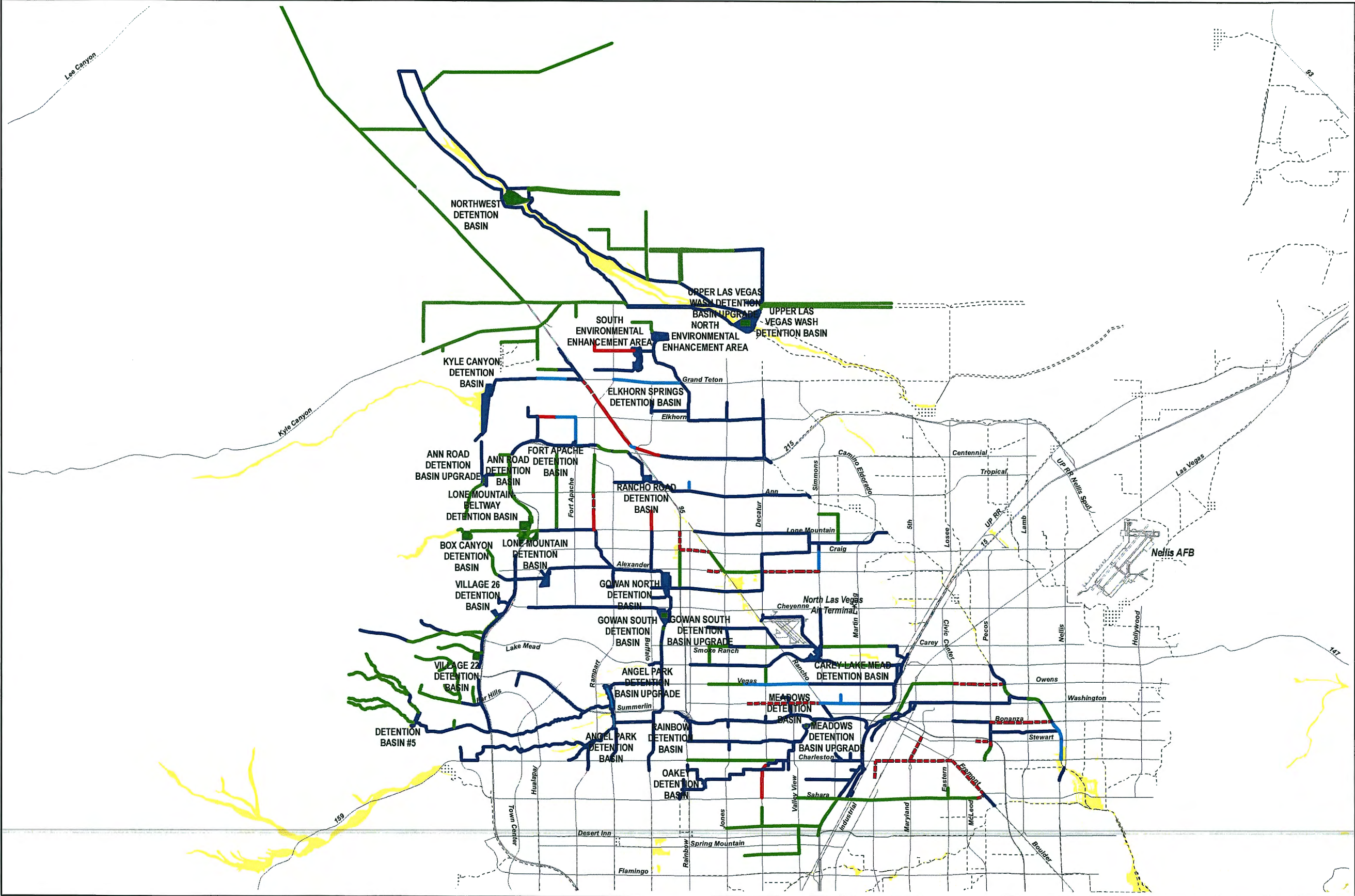
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SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2014



TEN-YEAR CONSTRUCTION PROGRAM

GOWAN, CENTRAL AND UPPER NORTHERN 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

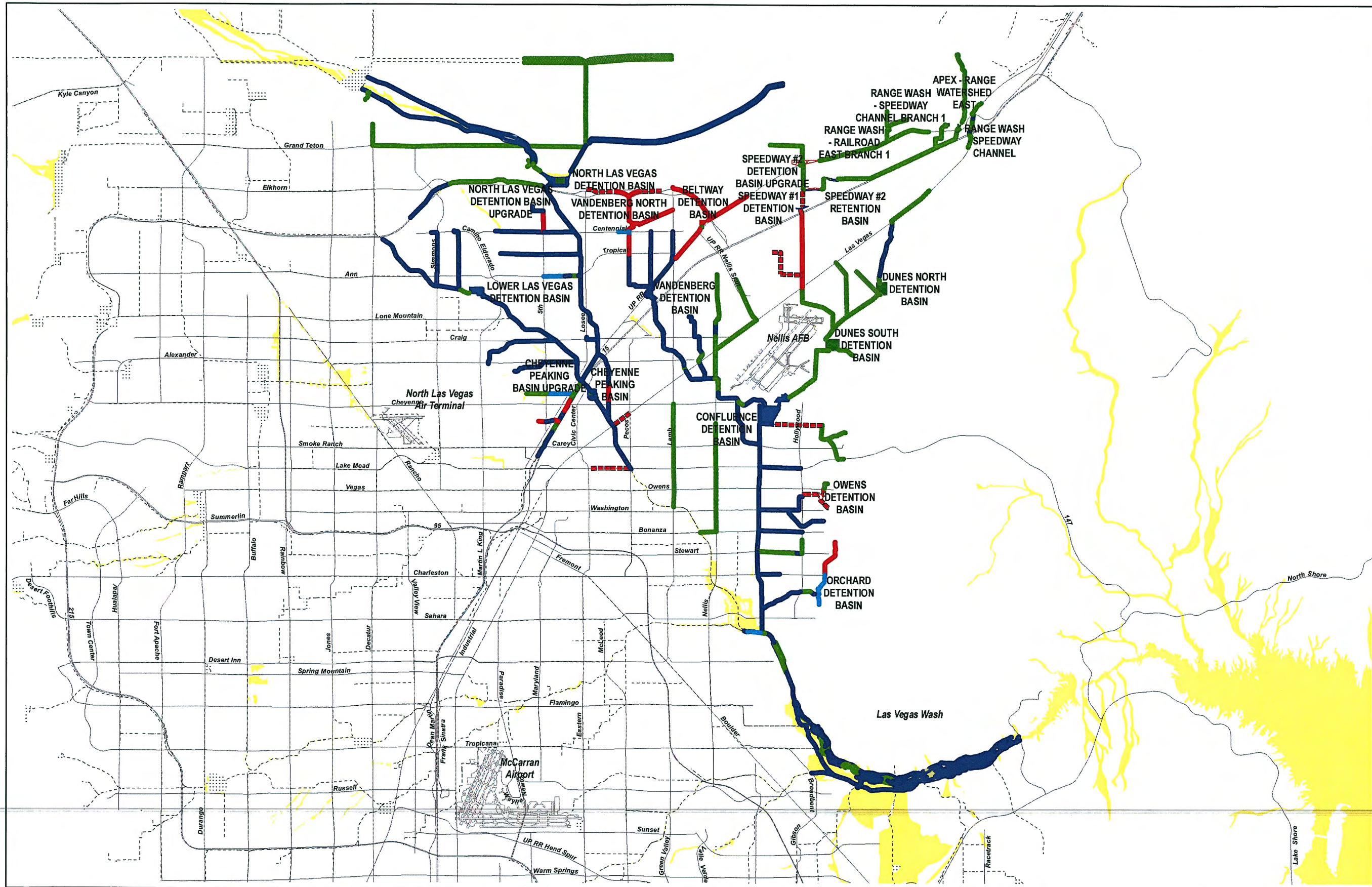
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May, 2014



TEN-YEAR CONSTRUCTION PROGRAM

LOWER NORTHERN, 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

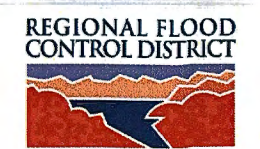
1 inch = 2.29 miles

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DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GIS/NO
FEMA

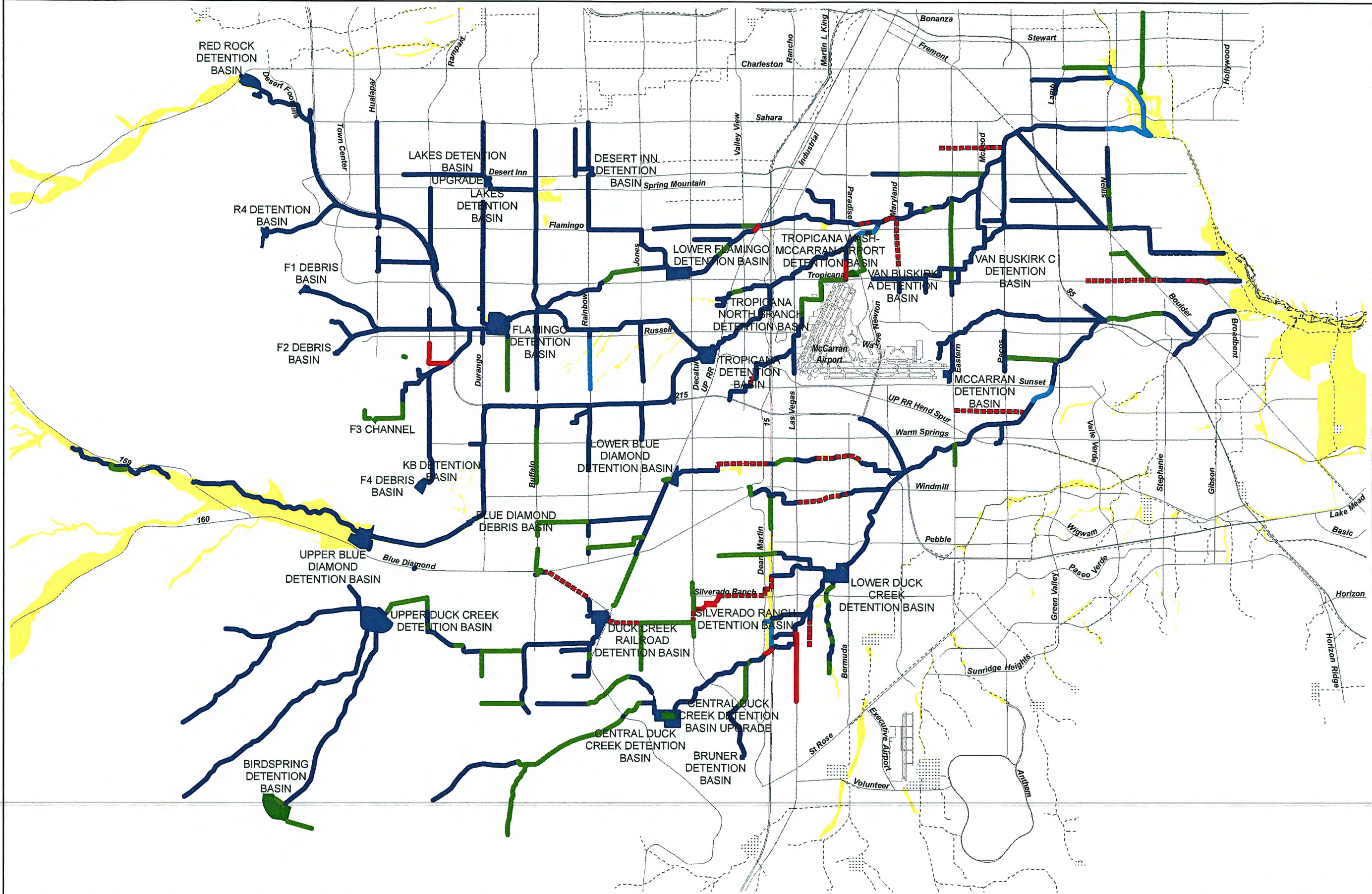
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May, 2014



TEN-YEAR CONSTRUCTION PROGRAM

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



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone

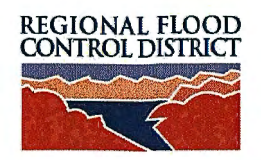
1 inch = 1.82 miles

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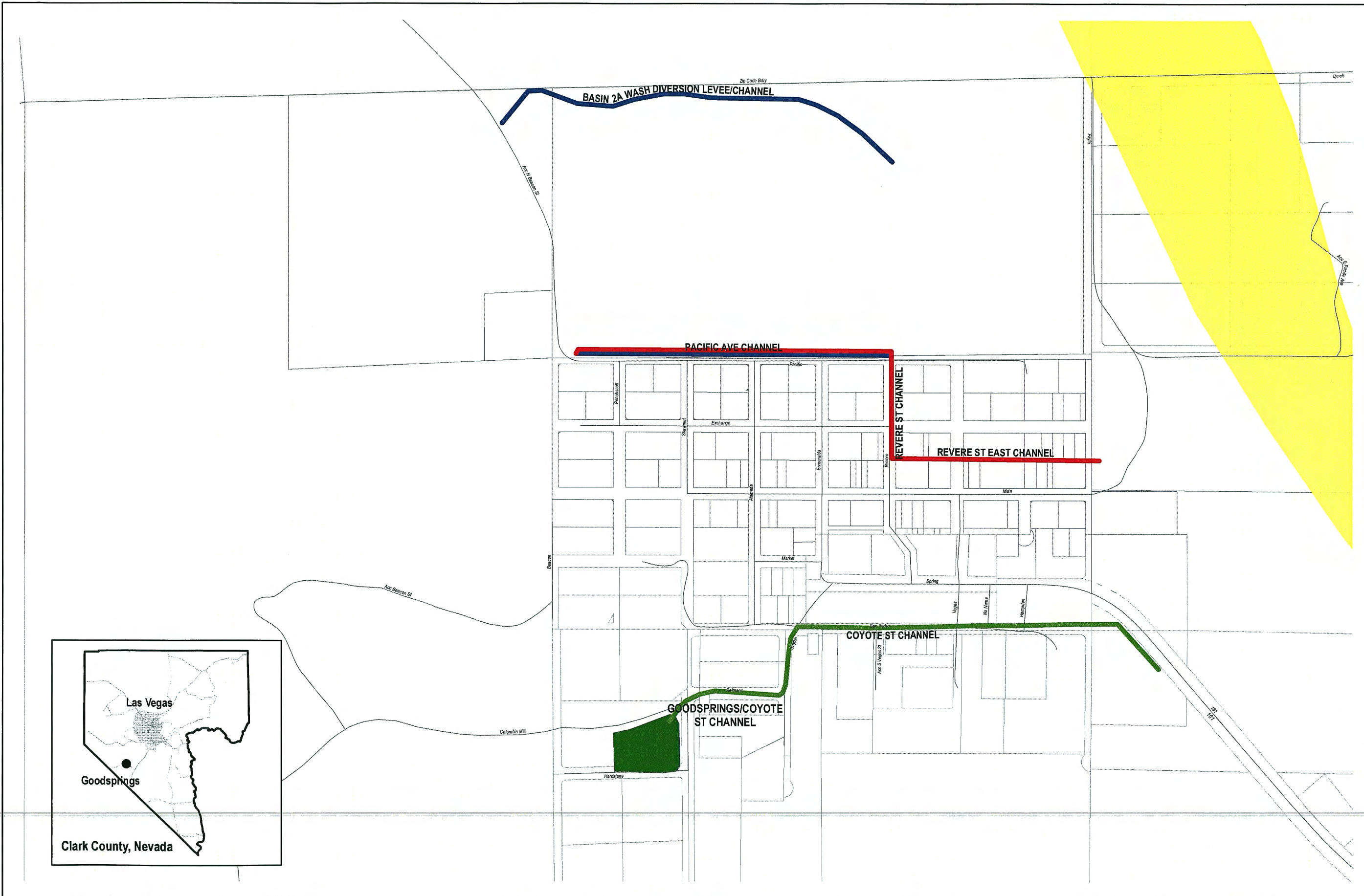
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMD
FEMA

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: May, 2014



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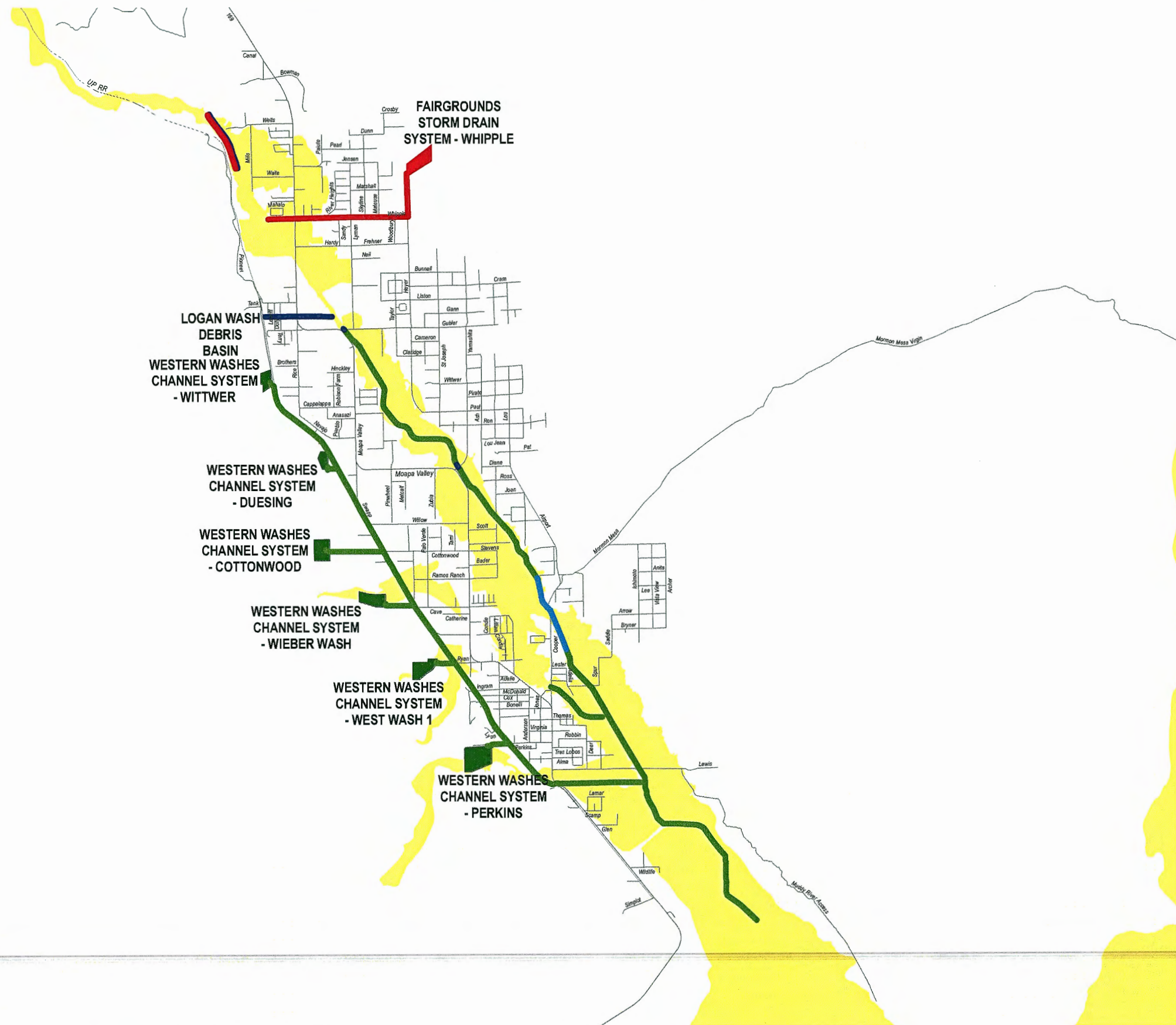
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2014



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



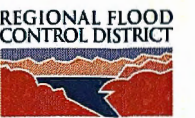
1 inch = 1.02 miles

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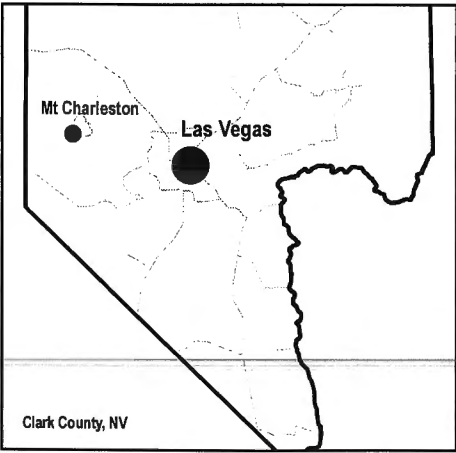
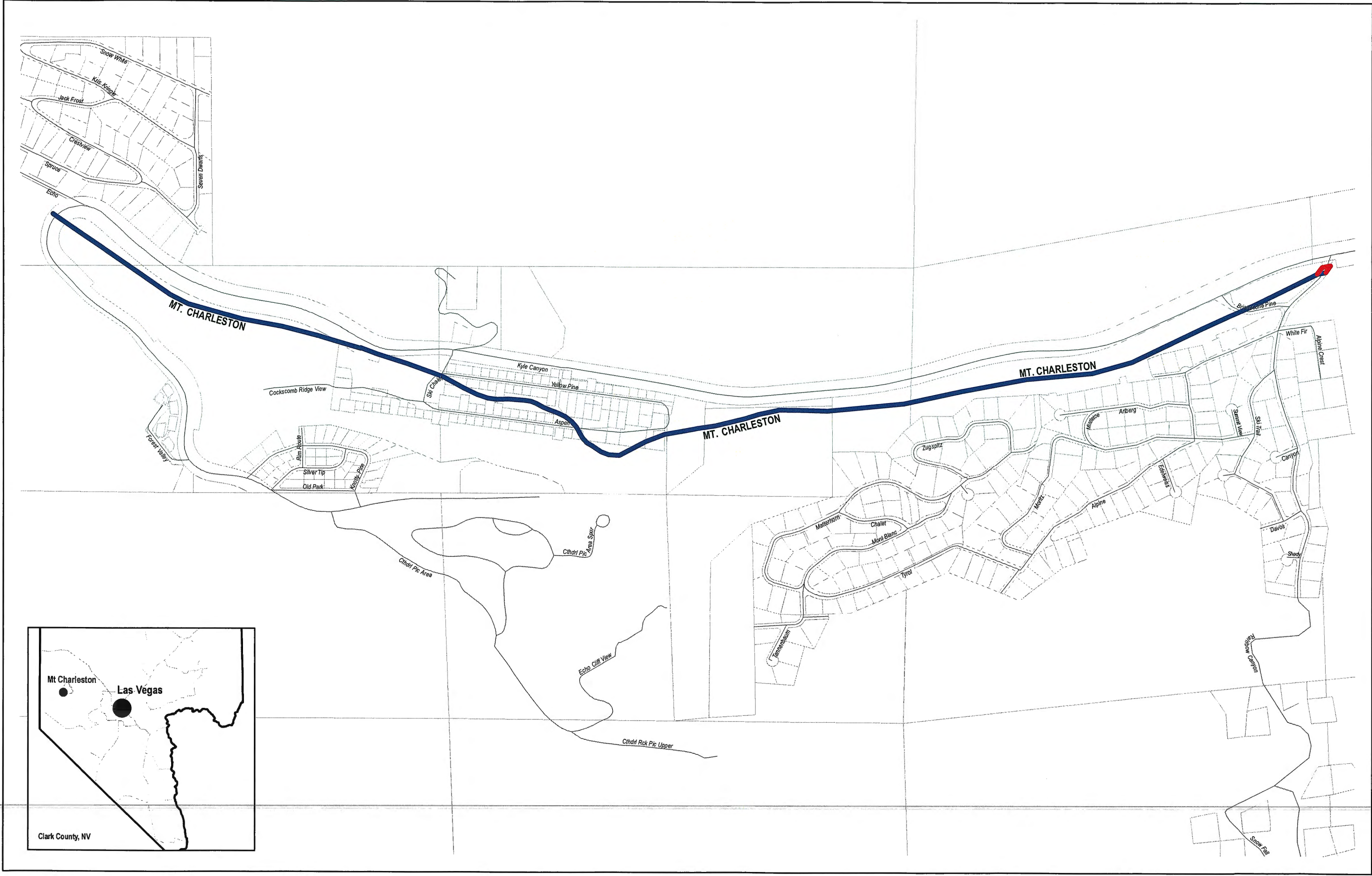
DATA SOURCES:
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CLARK COUNTY GIS/NO
FEMA

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

May, 2014



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



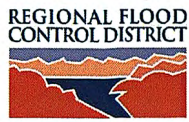
1 inch = 0.11 miles

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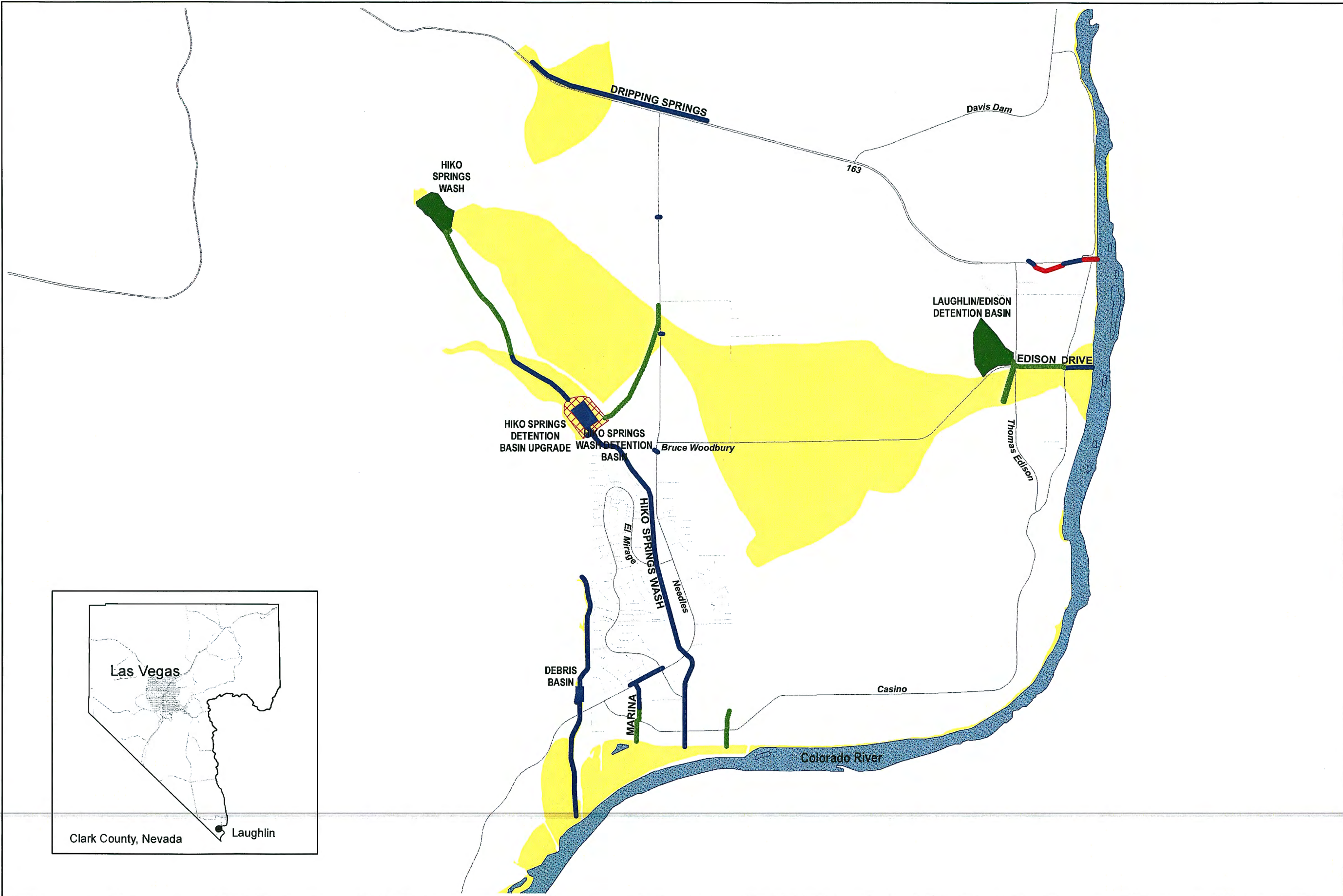
DATA SOURCES:
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CLARK COUNTY GISMO
FEMA

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SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2014



TEN-YEAR CONSTRUCTION PROGRAM LAUGHLIN PLANNING AREA



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



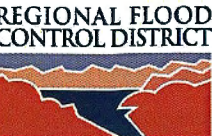
1 inch = 0.7 miles

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DATA SOURCES:
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CLARK COUNTY GISMO
FEMA

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

May, 2014



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



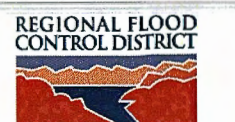
1 inch = 0.1 miles

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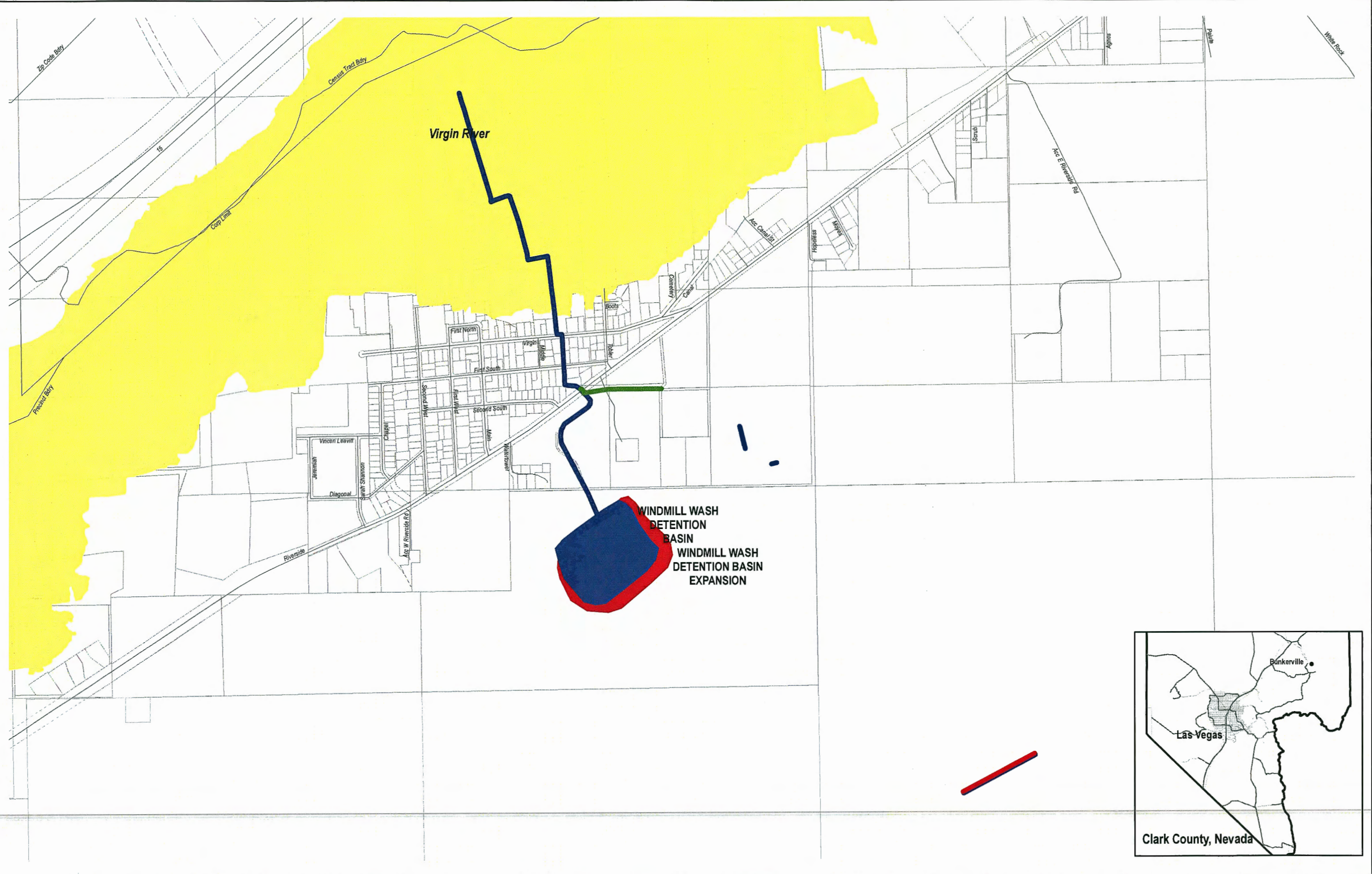
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

May, 2014



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



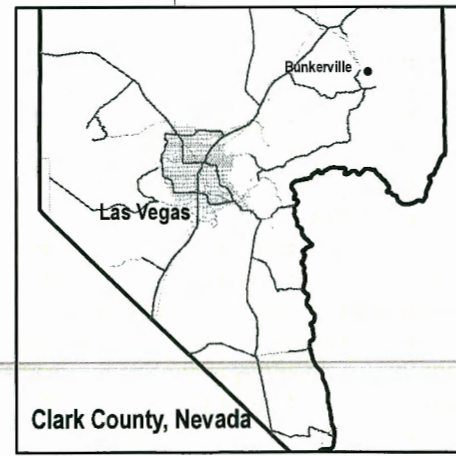
1 inch = 0.24 miles

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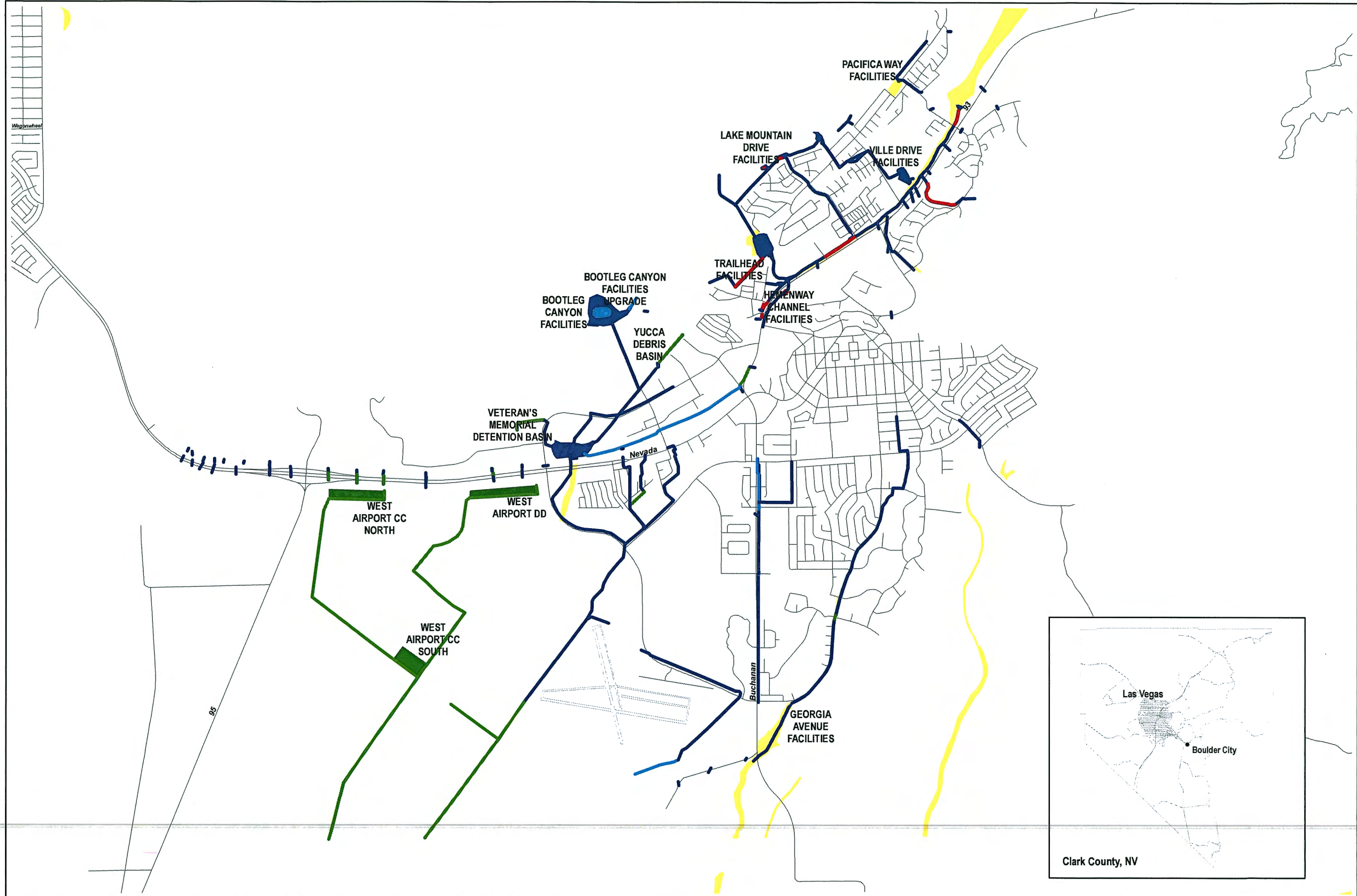
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2014



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



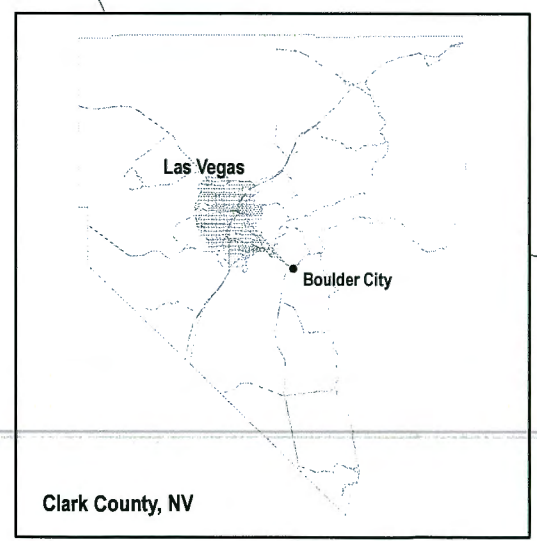
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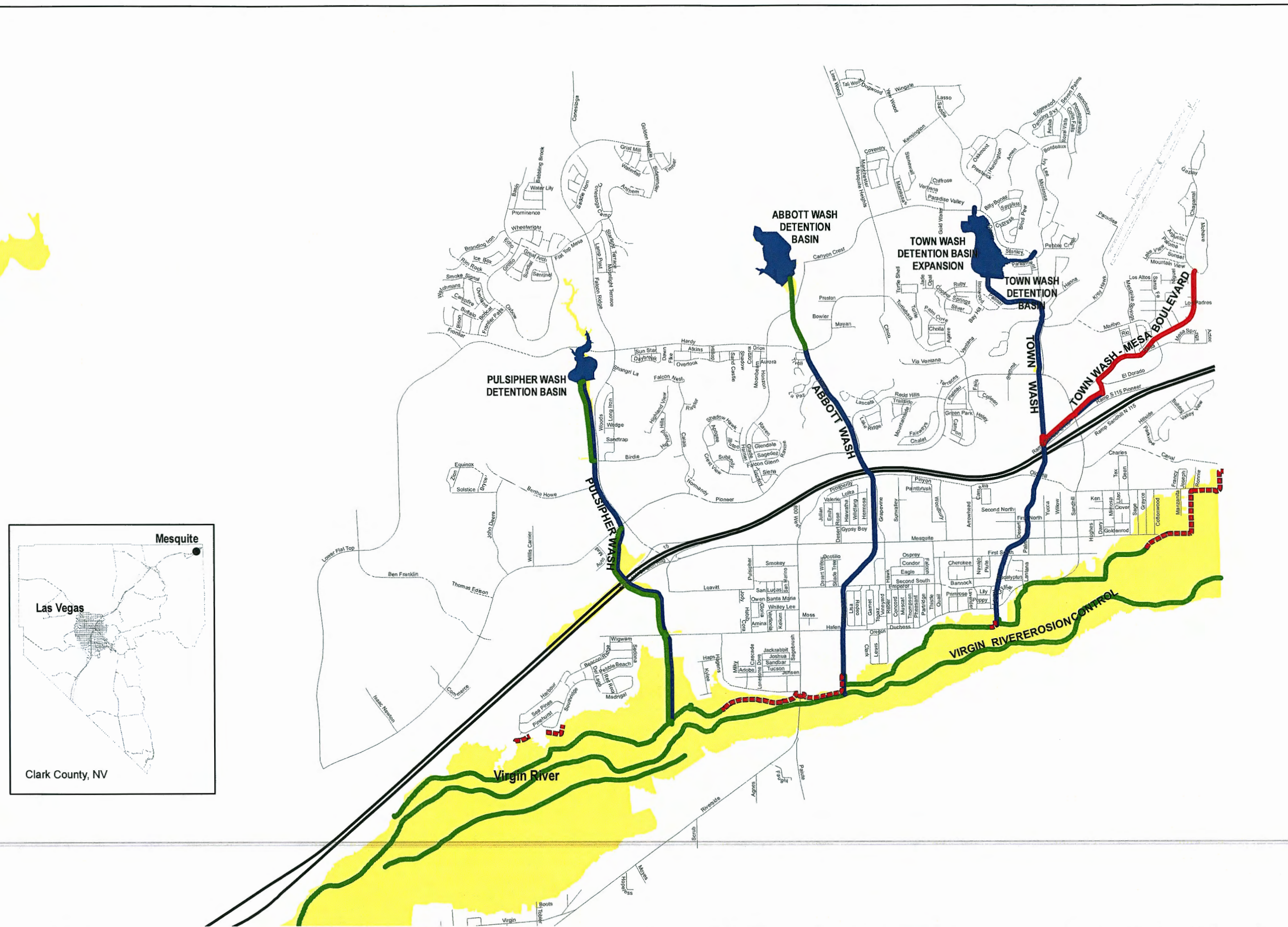
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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May, 2014









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

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

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

FLOOD INSURANCE (FIRM) INFORMATION
FEMA 2002 DIGITAL FIRM. NOT THE
EFFECTIVE FIRM. ALL INFORMATION
IS SUBJECT TO CHANGE. NO
LIABILITY IS ASSUMED FOR THE
ACCURACY OF THE DATA DELINEATED
HEREON. ALL INQUIRIES INTO THE
STATUS OF CLARK COUNTY REGIONAL
FLOOD CONTROL DISTRICT FACILITIES
SHOULD BE MADE TO THE DISTRICT
OFFICE AT 600 S. GRAND CENTRAL PKW
SUITE 300, LAS VEGAS, NEVADA 89106-45

May, 2014