

TEN-YEAR CONSTRUCTION PROGRAM

**REGIONAL FLOOD
CONTROL DISTRICT**



**FISCAL YEAR 2016
THROUGH
FISCAL YEAR 2025**

**STEVEN C. PARRISH, P.E.
GENERAL MANAGER/CHIEF ENGINEER**

**ADOPTED
JUNE 11, 2015**

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

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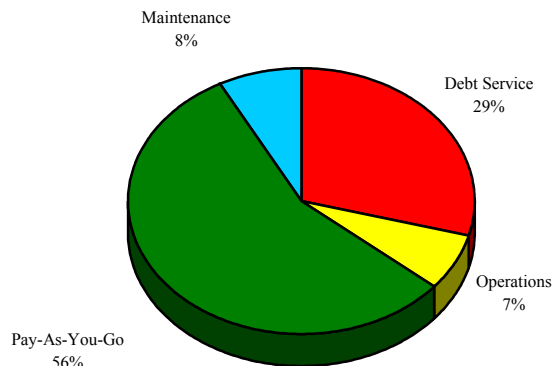
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Capital Improvement Program

The District staff maintains a listing of projects proposed for funding in the next ten-year period. The Ten-Year Construction Program (TYCP) is updated annually and is approved by the Board after review by the Technical and Citizens Advisory Committees. In addition to the TYCP, the District's Chief Engineer with assistance, cooperation and approval of the Technical Advisory Committee, prepares a list of projects proposed for funding during the upcoming fiscal year. The fiscal year project list, after approval by the Board, constitutes the Capital Improvement Program for the District in the ensuing fiscal year. The fiscal year project list and the updated TYCP presented in this document were approved on June 11, 2015, for Fiscal Year 2015-16. 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.

Historical Annual Expenditures



The TYCP consumes all revenues that the District receives that are not allocated to Operations (Fund 2860), Debt Service (Fund 3300), or the Maintenance Work Program (Fund 2870). A pie chart representing the 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 2015, the District has received over \$1,540,993,564 in Sales Tax Revenues. Additionally, the District has issued \$80,000,000, \$150,000,000, \$200,000,000, \$150,000,000, \$75,000,000 and \$100,000,000 in General Obligation Bonds/Notes, secured by Sales Tax Revenue, which were sold in November 1991, September 1998, September 2003, June 2009, December 2013, and December 2014 respectively, to expedite projects. The District has funded over \$1,687,325,968 in projects through May 2015.

FISCAL YEAR 2016 THROUGH FISCAL YEAR 2025 TYCP

The TYCP is an estimate of when funding will be requested. Available revenues for the TYCP are estimated to be \$860,851,254. Additionally, \$200,000,000 and \$175,000,000 in bonds are programmed in fiscal year 2019-20 and fiscal year 2024-25, respectively, 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 2.8% growth rate from prior years' revised budget (\$90,500,000), a 5.5% growth rate for Year 2 and Year 3, a 4.3% growth

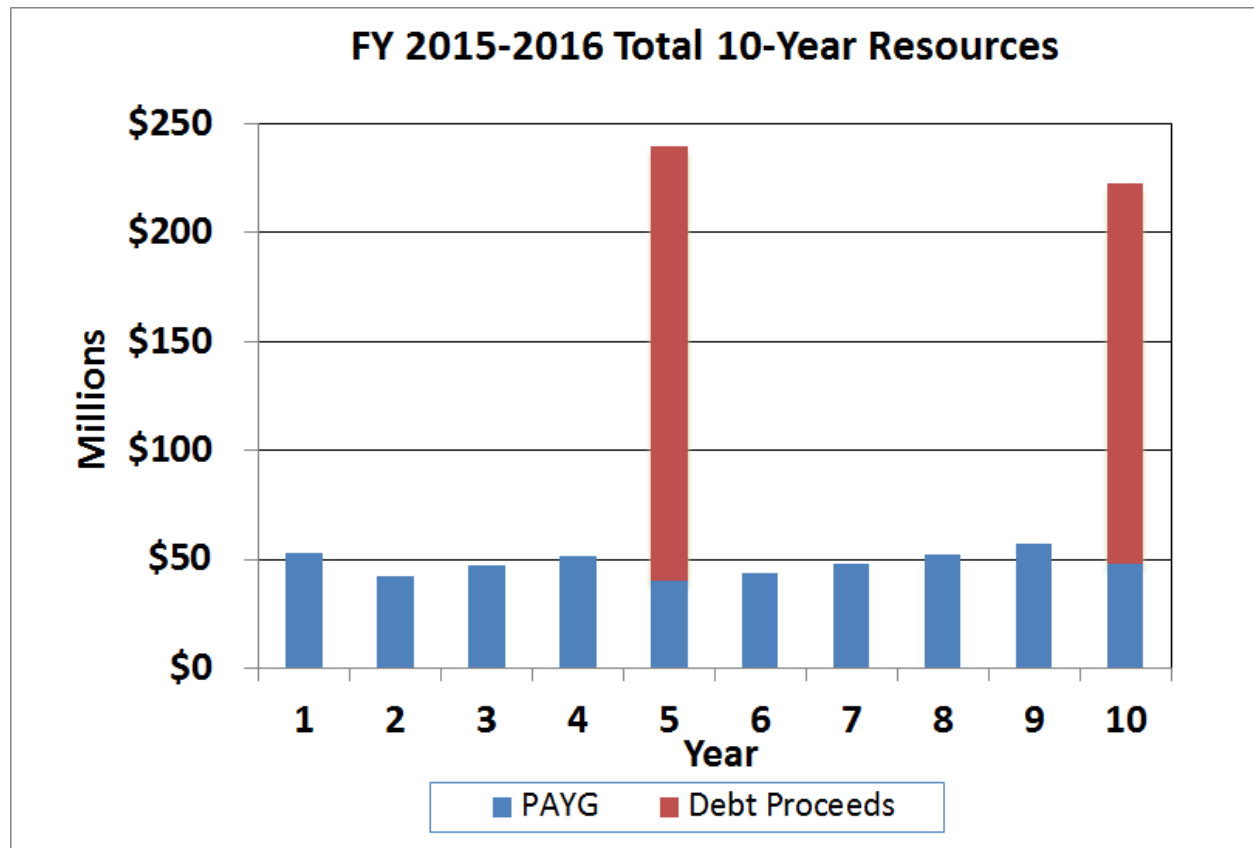
REGIONAL FLOOD CONTROL DISTRICT – FY 2016 THROUGH FY 2025

rate for Year 4, a 4.2% growth rate for Year 5 and Year 6, a 4.1% growth rate for Year 7 and Year 8, and a 4.0% growth rate for Year 9 and Year 10.

The TYCP also includes inflation factors to account for increases in project costs over time. Construction, right-of-way, and design costs are: 2.5% per year for FY 2015-16, 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 2016 THROUGH FY 2025

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.



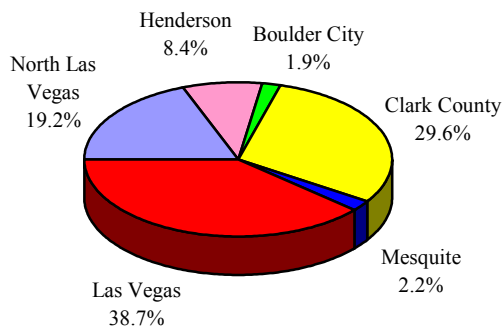
Flood control projects are fairly standard in nature and typically follow a design time of 1-2 years and a construction time of 2-3 years. The minimum level of expenditures for assets to be classified as capital assets for the District is \$5,000.00 and we comply with all adopted GAAP requirements. The 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 2015-16 are: \$228,700,418 for Fund 4430 and \$23,818,348 for Fund 4440 which includes previously approved and new projects planned for FY 2015-16.

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 2016 THROUGH FY 2025

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 596 miles of channel and underground storm drains, of which 129 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	
2016	Approved Budget	\$	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
2025	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 fourteenth 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 (aka Lexington Street Storm Drain) (estimated completion date of June 2017.)

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

In FY 2014, the District funded in the City of Las Vegas, Buckskin Avenue Storm Drain (estimated completion date of December 2017.)

In FY 2015, there were no requests for funding for the Local Drainage Program.

REGIONAL FLOOD CONTROL DISTRICT – FY 2016 THROUGH FY 2025

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

Fiscal year	Factor	TYCP Local Drainage Budget Projection	
2016	Approved Budget	\$	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
2025	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 \$743,898,224 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 41% 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

Henderson (continued)

East C-1 Detention Basin

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

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 North Detention Basin and Outfall, Phase 1

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

Henderson (continued)

Pittman Railroad, MacDonald Ranch Channel

Pittman Wash

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

Pittman Wash – Burns

Pittman Wash, Duck Creek at I-515

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 \$178,432,952.

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 17/18. The TYCP includes approximately \$2.8 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 – Pittman, Horizon Ridge Detention Basin (PV = 99.0)

PTHR 0140, and 0203 through 0205 – This project consists of a 69 acre-foot detention basin located approximately one-half mile south of Horizon Ridge Parkway and a 48" diameter concrete outfall pipe from the detention basin to Horizon Ridge Parkway.

Henderson (continued)

Design is underway. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$10.4 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.

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 the Executive Airport. Design and Right-of-Way Acquisition are programmed in FY 19/20. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$14.3 million for this project.

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

PTNO 0180 through 0182, and PTWA 0884 – 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, a 72" reinforced concrete outfall pipe to St. Rose Parkway at the Executive Airport, and a concrete lined open channel from St. Rose Parkway to Starr Avenue. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$9.7 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 is programmed in FY 18/19 and Right-of-Way Acquisition is programmed in FY 19/20. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$4.4 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 is programmed in FY 23/24 and Right-of-Way Acquisition is programmed in FY 24/25. The TYCP includes approximately \$3.5 million for this project.

Henderson (continued)

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 4' 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. Construction funding is programmed in FY 24/25. The TYCP includes approximately \$8.8 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 18/19. The TYCP includes approximately \$3.9 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 15/16. The TYCP includes approximately \$1.8 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 20/21. Construction funding is programmed in FY 23/24. The TYCP includes approximately \$5.2 million for this project.

The funding programmed for the C-1 Channel and Pittman Wash Planning Areas in Henderson totals approximately \$74.7 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 – CC 215, Pioneer Way to US 95

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

Las Vegas (continued)

Colorado Avenue System

Clark County is the Lead Entity

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

Durango Drive Storm Drain

Between Charleston Boulevard and Angel Park Detention Basin

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

Las Vegas (continued)

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

Gowan Outfall, Craig Road to Channel

North Las Vegas is the Lead Entity

Gowan Outfall – Lone Mountain Branch, Decatur Boulevard to Channel

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

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

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 (continued)

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

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

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

Lexington Street Storm Drain, Local Drainage Project
Formerly known as Concord Street Storm Drain

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

Oakey – Meadows Storm Drain, Phase III

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)

Las Vegas (continued)

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

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 \$617,494,449.

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 = 77.2)

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 21/22 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$8.0 million for this project.

Central – Freeway Channel – Washington, Rancho Drive to Valley View Boulevard (PV = 80.2)

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

Las Vegas (continued)

Drive. Design is programmed in FY 19/20 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$7.8 million for this project.

Central – Las Vegas Wash – Stewart to Bonanza (PV = 82.2)

LVMD 1121 and 1149 – This project consists of 70' wide by 10' deep open channel improvements extending from Stewart Avenue to Bonanza Road. This project is currently under design. Additional design funding is programmed in FY 17/18. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$5.4 million for this project.

Central – Cedar Avenue Channel Improvements (PV = 82.1)

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. Additional design funding is programmed in FY 17/18. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$8.0 million for this project.

Central – Owens Avenue East – Las Vegas Wash to Mojave Road (PV = 79.9)

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 \$16.0 million for this project.

Central – Owens Avenue East – Mojave Road to Eastern Avenue (PV = 78.4)

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 \$8.2 million for this project.

Central – Boulder Highway Sahara Avenue – Eastern to Boulder Highway (PV = 76.9)

BHSA 0000, 0026 – This project consists of a 14' x 11' and 14' x 10' reinforced concrete box culvert in Sahara Avenue from Eastern Avenue to Boulder Highway. Design is programmed in FY 22/23. Construction funding is programmed in FY 24/25. The TYCP includes approximately \$17.5 million for this project.

Central – Sahara Avenue – Eastern Lateral (PV = 76.0)

SAEA 0000 – This project consists of a 10' x 8' reinforced concrete box culvert in Eastern Avenue from St. Louis Avenue to Sahara Avenue. Design is programmed in FY 23/24. The TYCP includes approximately \$0.20 million for this project.

Las Vegas (continued)

Central – Boulder Highway Sahara Avenue – Maryland to Eastern (PV= 76.0)

BHSA 0075 – This project consists of a 12' x 11' reinforced concrete box culvert in Sahara Avenue from Maryland Parkway to Eastern Avenue. Design is programmed in FY 23/24. The TYCP includes approximately \$1.2 million for this project.

Central – Boulder Highway Sahara Avenue – LV Blvd to Maryland Parkway (PV= 76.0)

BHSA 0175 – This project consists of a 14' x 14' reinforced concrete box culvert in Sahara Avenue from Las Vegas Boulevard to Maryland Parkway. Design is programmed in FY 23/24. The TYCP includes approximately \$1.6 million for this project.

Central – Flamingo – Boulder Highway North, Charleston – Main to Maryland (PV = 80.9)

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 Maryland Parkway. Design is programmed in FY 17/18 and construction funding is programmed in FY 20/21. The TYCP includes \$4.7 million for this project.

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

FLBN 0167, 0180, 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 16/17 and construction funding is programmed in FY 19/20. The TYCP includes \$12.0 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 16/17 and construction funding is programmed in FY 19/20. The TYCP includes \$18.6 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 \$6.5 million for this project.

Central – Las Vegas Wash – Bonanza – Las Vegas Wash to Lamb Boulevard (PV = 79.9)

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 20/21 and construction funding is programmed in FY 23/24. The TYCP includes approximately \$11.7 million for this project.

Las Vegas (continued)

Central – Las Vegas Wash – Bonanza – Lamb to Pecos (PV = 77.6)

LVBZ 0064, 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 21/22 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$17.6 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.

Gowan North – Gowan Box Canyon – Lone Mountain Road (PV = 83.5)

GOBX 0015 – This project consists of approximately 1.25 miles of 66" reinforced concrete pipe storm drain within Lone Mountain Road between the Box Canyon and Lone Mountain Beltway Detention Basins. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$5.0 million for this project.

Gowan North – Gowan Outfall – Alexander Rd., Allen to Simmons (PV = 82.6)

GOOF 0275, 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 \$11.7 million for this project.

Gowan North – Gowan Outfall – Alexander Rd., Decatur to Allen (PV = 82.6)

GOOF 0325, 0375 – This project consists of 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 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$18.5 million for this project.

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

GOEC 0000 through 0076 – This project consists of reinforced concrete box culvert ranging in size from 10' x 6' to 10' x 8' in El Capitan Way from Lone Mountain Road to Ann Road. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$9.7 million for this project.

Las Vegas (continued)

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

GOEC 0100 through 0176 – This project consists of 78” reinforced concrete pipe storm drain and reinforced concrete box culvert ranging in size from 7’ x 6’ to 10’ x 7’ in El Capitan Way from Ann Road to Centennial Parkway. Design is programmed in FY 22/23 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$9.1 million for this project.

Gowan North – Gowan – Alexander Road, Rancho to Decatur (PV = 82.6)

GOAL 0000 – This project consists of 10’ x 9’ reinforced concrete box culvert in Alexander Road from Rancho Road to Decatur Boulevard. Design is underway. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$11.1 million for this project.

Gowan North – Gowan – Rancho, Craig to Alexander (PV = 81.8)

GOAL 0100, 0111 – This project consists of 10’ x 8’ reinforced concrete box culvert in Rancho Road from Alexander Road to Craig Road. Design is programmed in FY 19/20 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$7.3 million for this project.

Gowan North – Gowan – Alexander Branch (PV = 79.6)

GOA2 0000 – This project consists of 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 21/22. The TYCP includes approximately \$3.4 million for this project.

Gowan North – Gowan – Craig and US-95 (PV = 79.5)

GOAL 0168, 0247 – This project consists of 10’ x 8’ reinforced concrete box culvert in Craig Road from US-95 to Rancho Road and open channel improvements along the west side of US-95 from Lone Mountain Road to Craig Road. Design is programmed in FY 19/20 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$10.5 million for this project.

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

GOBU 0112, 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 16/17. The TYCP includes approximately \$3.7 million for this project.

Upper Northern LV Wash – Rancho Road System – Elkhorn, Grand Canyon to Hualapai Way (PV = 82.1)

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

Las Vegas (continued)

15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$4.0 million for this project.

Upper Northern LV Wash – 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 15/16 and construction funding is programmed in FY 17/18. The TYCP includes approximately \$9.9 million for this project.

Upper Northern LV Wash – Centennial Parkway Channel West – US 95, Durango Drive to Grand Teton (PV = 82.1)

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

Upper Northern LV Wash – 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 construction funding is programmed in FY 17/18. The TYCP includes approximately \$6.7 million for this project.

Upper Northern LV Wash – Brent Drainage System – Durango Drive to El Capitan Way (PV = 81.5)

BRDB 0107, 0157 – This project consists of 12' x 6' reinforced concrete box culvert in El Capitan Way from Iron Mountain Road to Brent Lane and 8' x 6' reinforced concrete box culvert in Brent Lane from El Capitan Way to Durango Drive. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$6.4 million for this project.

Upper Northern LV Wash – Brent Drainage System – Floyd Lamb Park to Durango Drive (PV = 83.5)

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 \$4.0 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 \$277.9 million on the TYCP.

NORTH LAS VEGAS

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

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

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

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

Ann Road Channel East, ULVW to Fifth Street

Brooks Channel

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

North Las Vegas (continued)

Las Vegas Wash – Losee Road

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

Lower Las Vegas Wash Detention Basin

A joint use recreation facility

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

North Las Vegas (continued)

West Range Wash Diversion Dike

Western Tributary of the Las Vegas Wash

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

Western Tributary of the Las Vegas Wash

From Alexander Road to north of Craig Road

District funds since 1987 for the projects plus design efforts on future projects total approximately \$268,632,106.

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

Lower Northern Las Vegas Wash – 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 15/16. The TYCP includes approximately \$4.9 million for this project.

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

LV5C 0000, 0002 – This project consists of 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 16/17. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$4.9 million for this project.

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

LVLE 0000, 0047 – This project consists of 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 \$11.0 million for this project.

Lower Northern Las Vegas Wash – 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 \$9.0 million for this project.

North Las Vegas (continued)

Lower Northern Las Vegas Wash – 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 \$2.0 million for this project.

Lower Las Vegas Wash – Las Vegas Wash – Water Reclamation Channel (PV = 79.5)

LVMD 0606, 0640, and 0647 – This is a cost participation project with the Clark County Water Reclamation District to provide open channel improvements to the Las Vegas Wash Middle Branch. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$4.5 million for this project.

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

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

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

SLWA 0130 through 0175 and SLOW 0000, 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 \$5.6 million for this project.

Range – 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 23/24. The TYCP includes approximately \$0.50 for this project.

Range– 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 15/16. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$7.5 million for this project.

Range – West Range – Range Wash – Beltway Conveyance (PV = 82.0)

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 17/18. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$2.5 million for this project.

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

RWWE 0352, 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 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$12.8 million for this project.

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

RWWE 0463 and RWBW 0000 – This project consists of 12’ x 9’ and a 9’ x 6’ reinforced concrete box culvert located along the north side of the Northern Beltway at Pecos Road. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$6.3 million for this project.

Range – East Range – Hollywood System, Las Vegas Blvd to Centennial Parkway (PV = 93.0)

RWHW 0173, 0174, 0201, 0277 – This project consists of reinforced concrete box culvert ranging in size from 9’ x 8’ to 12’ x 10’ in Hollywood Boulevard from I-15 to Las Vegas Boulevard near the Las Vegas Motor Speedway. Design is underway.

North Las Vegas (continued)

Construction funding is programmed in FY 15/16. The TYCP includes approximately \$11.7 million for this project.

Range – East Range – Range Wash – Hollywood Branch Nellis (PV = 82.0)

RWHW 0000 thru 0136, and RWEA 0163, 0164, 0165 & 0192 – This project includes a 1,112 acre-foot detention basin, spillway, outlet structure, open channel, and soil cement levee inflow structure. Design and Right-of Way Acquisition are programmed in FY 19/20. Construction funding is programmed in FY 21/22. The TYCP includes approximately \$19.9 million for this project.

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

RWAN 0000, 0050 – This project consists of 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 23/24. The TYCP includes approximately \$14.7 million for this project.

Range – East Range – Hollywood System, Centennial Parkway to Speedway #2 Detention Basin (PV = 86.0)

RWHW 0300 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, 78" diameter reinforced concrete pipe crossing I-15 at Hollywood Boulevard, and 9' x 8' reinforced concrete box culvert from I-15 to Centennial Parkway. Design and Right-of-Way Acquisition are programmed in FY 16/17. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$5.7 million for this project.

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

RWHW 0498, 0499, and 0500 – This project consists of an 843 acre-feet detention basin, spillway and outlet structure 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 \$9.0million 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 \$137.5 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, Las Vegas Boulevard

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

Clark County (continued)

Duck Creek, Railroad Detention Basin

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)

Muddy River Logandale Levee

Searchlight Flood Control Improvements

Unnamed Wash Improvements in Laughlin

District funding since 1987 for the projects plus design efforts of future projects total approximately \$571,043,728.

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

Tropicana/Flamingo – Flamingo – Cimarron Branch (PV = 72.5)

FLCM 0003, 0040 – This project consists of 72” and 78” reinforced concrete pipe storm drain parallel to Cimarron Road from Russell Road to Sunset Road. Design is programmed in FY 22/23 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$4.7 million for this project.

Tropicana/Flamingo – F-4 Patrick Lane/Fort Apache Road Lateral (PV = 91.5)

FLOQ 0100 – This project includes 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 16/17. The TYCP includes approximately \$1.0 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 18/19. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$1.8 million for this project.

Tropicana/Flamingo – Flamingo Wash, Maryland to Palos Verde (PV = 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 19/20. The TYCP includes approximately \$2.6 million for this project.

Tropicana/Flamingo – Flamingo Wash, Tioga to Eastern (PV = 89.5)

FLWA 0472 and 0482 – This project consists of open channel improvements along the Flamingo Wash from Eastern Avenue to Tioga Way, additional 22’ x 8’ reinforced concrete box culvert at Eastern Avenue, and replacement of existing three barrel 90” corrugated metal pipe culvert with a four cell 20’ x 8’ reinforced concrete box culvert at Tioga Way. Design is underway. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$3.1 million for this project.

Clark County (continued)

Tropicana/Flamingo – Las Vegas Wash – Christy (PV = 72.5)

LVCH 0000, 0114 – This project consists of 10' x 7' and 12' x 9' reinforced concrete box culvert in Christy Lane from the Las Vegas Wash to Bonanza Road. Design is programmed in FY 23/24 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$21.9 million for this project.

Tropicana/Flamingo – Flamingo Wash Maryland – UNLV (PV = 72.5)

FLMR 0000 – This project consists of 90" reinforced concrete pipe in Maryland Parkway from the Flamingo Wash to University Road. Design is programmed in FY 22/23 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$6.5 million for this project.

Tropicana/Flamingo – Airport Channel Naples (PV = 87.0)

TRMC 0013, 0031 – This project consists of open channel improvements from Harmon Avenue to Tropicana Avenue. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$2.7 million for this project.

Tropicana/Flamingo – Vegas Valley Drive – Flamingo Wash to Pecos Road (PV = 79.0)

VAVD 0000 and 0025 – This project includes an 84" reinforced concrete pipe and an 8' x 6' reinforced concrete box culvert in Vegas Valley Drive extending from Burnham Avenue to the Flamingo Wash. Design is programmed in FY 18/19 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$7.3 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 = 72.5)

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 21/22 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$4.7 million for this project.

Tropicana/Flamingo – Las Vegas Wash – Boulder Highway (PV = 72.5)

LVBH 0000 – This project consists of 12' x 8' reinforced concrete box culvert in Boulder Highway from Tropicana Avenue to Harmon Avenue, and in Harmon Avenue from Boulder Highway to Nellis Boulevard. Design is programmed in FY 22/23 and

Clark County (continued)

construction funding is programmed in FY 24/25. The TYCP includes approximately \$13.6 million for this project.

Tropicana/Flamingo – Tropicana Avenue Conveyance – Las Vegas Wash to Morris Street (PV = 81.0)

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. Additional design is programmed in FY 18/19, and construction funding is programmed in FY 19/20. The TYCP includes approximately \$29.3 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 programmed in FY 22/23 and construction funding is programmed in FY 23/24. The TYCP includes approximately \$15.0 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 18/19 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$4.8 million for this project.

Duck Creek/Blue Diamond – Duck Creek/Blue Diamond, Bermuda Road to Las Vegas Boulevard (PV = 80.5)

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 18/19. Construction funding is programmed in FY 20/21. The TYCP includes approximately \$5.4 million for this project.

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

BDWA 0087 through 0174 – This project includes reinforced concrete box culverts ranging in size from 10' x 5' to 10' x 6' along Blue Diamond Wash from Rancho Destino Road to Amigo Street. Design and Right-of-Way Acquisition are programmed in FY 19/20. Construction funding is programmed in FY 22/23. The TYCP includes approximately \$9.6 million for this project.

Clark County (continued)

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

DCSP 0000 – This project consists of 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 \$14.0 million for this project.

**Duck Creek/Blue Diamond – Duck Creek Jones Boulevard
(PV = 73.0)**

DCJB 0000, 0043 – This project consists of 7' x 6' and 12' x 6' reinforced concrete box culvert from Irvin Avenue to Pyle Avenue. Design and Right-of-Way Acquisition are programmed in FY 24/25. The TYCP includes approximately \$1.6 million for this project.

Duck Creek/Blue Diamond – Silverado Ranch Detention Basin (PV = 82.5)

BD02 0265, 0277, 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 19/20. The TYCP includes approximately \$3.8 million for this project.

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

BD02 0125, 0151, 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 18/19 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$11.4 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash Railroad (PV = 80.5)

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 15/16 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 – Duck Creek Wash Tributary 4 – Detention Basin to Jones Boulevard (PV = 80.5)

DCW4 0298 – This project is the outfall pipe for the Duck Creek Railroad Detention Basin. The facility is an 8' x 5' reinforced concrete box culvert in Pyle Avenue from the Union Pacific Railroad to Jones Boulevard. Design is programmed in FY 18/19 and

Clark County (continued)

construction funding is programmed in FY 20/21. The TYCP includes approximately \$5.0 million for this project.

Duck Creek/Blue Diamond – Duck Creek @ Dean Martin Drive (PV = 90.0)

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 \$3.3 million for this project.

Duck Creek/Blue Diamond – Duck Creek Wash, El Camino to Rainbow (PV = 72.0)

DCWA 1775, 1803, and 1827 – This project consists of open channel improvements in Duck Creek Wash from El Camino Road to Rainbow Boulevard. Design is programmed in FY 24/25. The TYCP includes approximately \$0.30 million for this project.

Duck Creek/Blue Diamond – Duck Creek Haven Street (PV = 85.5)

DCHV 0026, 0050, 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 16/17 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$4.1 million for this project.

The funding programmed for the Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Areas in Clark County (Las Vegas Valley) totals approximately \$182.6 million on the TYCP.

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

Goodsprings – Goodsprings – Phase I

GSEA 0000, GSPA 0027 and 0029, 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 \$0.80 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. Additional design funding is programmed in FY 15/16. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$6.6 million for this project.

Clark County (continued)

Muddy River and Tributaries – Bryner Avenue to Lewis

MRLV 0198, 0240, 0268, and 0276 – This project consists of open channel improvements from Bryner Avenue south to Lewis Street. Design is underway. Construction funding is programmed in FY 19/20. 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 16/17 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$1.0 million for this project.

Laughlin – Bridge Canyon Detention Basin

LUHS 0415, 0416, and 0417 – This project consists of a 1,104 acre-feet detention basin, spillway and outlet structure located west of Needles Highway and south of SR 163. Design is programmed in FY 22/23 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$11.0 million for this project.

Laughlin – Bridge Canyon Outfall

LUHS 0315, 0316, 0317 – This project consists of a 12' wide by 4' deep concrete outfall channel from the Bridge Canyon Detention basin, 10'x 4' reinforced concrete box culvert, and energy dissipater discharging to the Hiko Springs Wash. Design is programmed in FY 22/23 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$2.9 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 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$1.7 million for this project.

Laughlin – SR 163 at Casino Drive

LUBC 0000, 0001, 0005, 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 \$0.90 million for this project.

Searchlight – South, Encinitas St. Storm Drain

SRSO 0000, 0010, 0021, 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

Clark County (continued)

funding is programmed in FY 17/18. The TYCP includes approximately \$1.5 million for this project.

Searchlight –West

SRWE 0001 through 0091 – This project consists of a 5' high riprap levee, 42" and 54" reinforced concrete pipe and a 12' wide by 5' deep riprap open channel following a stair stepped alignment from the Nevada Street and Indian Street intersection to Nipton Road and US95 intersection, following Nipton Road approximately 0.5 miles northwesterly. Design is programmed in FY 22/23 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$2.5 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 \$8.0 million for this project.

The TYCP for the Outlying Areas of Clark County totals approximately \$49.0 million.

In all, among the Tropicana/Flamingo, Duck Creek, Blue Diamond, and Outlying Planning Areas, Clark County has programmed approximately \$231.6 million for flood control facilities over the next ten years.

BOULDER CITY

Projects completed or funded for construction since 1987 include:

Bootleg Canyon Detention Basin Outfall

Bootleg Canyon Detention Basin, Phase II

Buchanan Boulevard Channel

Buchanan Boulevard, Phase III Improvements

Buchanan Watershed Facilities

Georgia Avenue Channel

Hemenway Wash Improvements

A joint use recreation facility

Industrial Road Facilities

North Railroad Conveyance

Valley View and DD Facilities

Veteran's Memorial Detention Basin

Ville Drive Flood Control Improvements

West Airport Facilities

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

Yucca Debris Basin, Collection and Outfall

Yucca Street Drainage

District funding since 1987 for the projects plus design efforts of future projects total approximately \$27,758,102.

Boulder City (continued)

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

Georgia/Buchanan - Georgia Buchanan Confluence Facilities

GBGR 0003 and GBBC 0004 – This project consists of concrete open channel improvements adjacent to Georgia Avenue and Buchanan Boulevard. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$1.8 million for this project.

Georgia/Buchanan – Georgia Avenue Facilities – Vaquero Drive Bridge

GBGR 0099 – This project consists of a free span bridge crossing at Vaquero Drive and Georgia Avenue. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$0.30 million for this project.

Hemenway – Hemenway System, Phase IIA Improvements

HMTH 0034, HMLM 0066 and 0085 and HMWA 0158, 0173, 0175, and 0182 – This project consists of 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 construction of two sediment basins at the upstream end of the system. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$0.90 million for this project.

Hemenway – Hemenway System, Phase IIB Improvements

HMWA 0005, 0105 – This project consists improvements to the Hemenway Channel system located along the north side of US-93. 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 \$0.50 million for this project.

Hemenway – Hemenway System, Phase IIC Improvements

HMLV 0006 and 0019 – 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. Design is underway. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$1.3 million for this project.

North Railroad – North Railroad Conveyance Phase 2

NRIN 0010, 0031, 0062 – This project consists of a 12' wide by 5' deep concrete channel, 48' reinforced concrete pipe, and adds approximately 6.7 acre-feet of sediment/debris storage capacity to the existing North Railroad Detention Basin. Design is underway. Construction funding is programmed in FY 15/16. The TYCP includes approximately \$1.5 million for this project.

Boulder City (continued)

North Railroad – Wells Drive Levee Lining

NRIN 0088 – This project consists of providing riprap lining to the existing unlined Wells Drive Levee. Design is underway. Construction funding is programmed in FY 20/21. The TYCP includes approximately \$0.10 million for this project.

The funding programmed for Boulder City totals approximately \$6.4 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, El Dorado to Town Wash

TWMB 0000 through 0044, and TOWA 0120 – This project includes open channel improvements and a 12' X 7' reinforced concrete box culvert extending from Town Wash to Eldorado Road. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$4.5 million for this project.

Town Wash – Town Wash Mesa Boulevard, El Dorado to Chaparral

TWMB 0052, 0084, 0094 – This project consists of 7' X 7' reinforced concrete box culvert and a 60" diameter reinforced concrete pipe extending north and east from El Dorado Road to Chaparral Drive. Design is programmed in FY 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$6.1 million for this project.

Virgin River – Virgin River Flood Wall

VREC 0000, 0028, and 0054 – This project includes approximately 4,300 linear 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 15/16 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$3.4 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 \$15.7 million on the TYCP.

Fiscal Year 2016 Project List

The first year of the TYCP comprises the recommended FY 2016 Project List. It should be noted that construction and right-of-way funds programmed in FY 2017 and FY 2018 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 \$38.1 million. Projects eligible for funding in FY 2016 total \$107.1 million. These projects will be primarily funded from the estimated quarter percent Sales Tax Revenues. Projected revenue for the first year is \$56.2 million. Determining funding eligibility according to this policy allows for full expenditure of available resources annually in the event that some projects should suffer unexpected delays.

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

The projects eligible for funding in FY 2016 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 17/18. FY 2016 eligible funding is approximately \$2.8 million for this project.

Pittman Burns – Pittman, Horizon Ridge Detention Basin (PV = 99.0)

PTHR 0140, and 0203 through 0205 – This project consists of a 69 acre-foot detention basin located approximately one-half mile south of Horizon Ridge Parkway and a 48" diameter concrete outfall pipe from the detention basin to Horizon Ridge Parkway. Design is underway. Construction funding is programmed in FY 15/16. FY 2016 eligible funding is approximately \$10.4 million for this project.

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

PTNO 0180 through 0182, and PTWA 0884 – 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, a 72" reinforced concrete outfall pipe to St. Rose Parkway at the Executive Airport, and a concrete lined open channel from St. Rose Parkway to Starr Avenue. Design is underway.

FY 2016 Project List (continued)

Construction funding is programmed in FY 17/18. FY 2016 eligible funding is approximately \$9.7 million for this project.

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

CIRT 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 15/16. FY 2016 eligible funding is approximately \$1.8 million for this project.

Total Programmed First Year: \$12,208,000

Total Eligible First Year: \$24,764,844

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

Gowan North – Gowan Box Canyon – Lone Mountain Road (PV = 83.5)

GOBX 0015 – This project consists of approximately 1.25 miles of 66” reinforced concrete pipe storm drain within Lone Mountain Road between the Box Canyon and Lone Mountain Beltway Detention Basins. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. FY 2016 eligible funding is approximately \$.30 million for this project.

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

GOEC 0000 through 0076 – This project consists of reinforced concrete box culvert ranging in size from 10’ x 6’ to 10’ x 8’ in El Capitan Way from Lone Mountain Road to Ann Road. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. FY 2016 eligible funding is approximately \$.60 million for this project.

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

GOBU 0112, 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 16/17. FY 2016 eligible funding is approximately \$3.7 million for this project.

Upper Northern LV Wash – Rancho Road System – Elkhorn, Grand Canyon to Hualapai Way (PV = 82.1)

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 18/19. FY 2016 eligible funding is approximately \$.30 million for this project.

FY 2016 Project List (continued)

Upper Northern LV Wash – 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 15/16 and construction funding is programmed in FY 17/18. FY 2016 eligible funding is approximately \$9.9 million for this project.

Upper Northern LV Wash – Centennial Parkway Channel West – US 95, Durango Drive to Grand Teton (PV = 82.1)

CN95 0102, 0167 – This project consists of reinforced concrete box culvert ranging in size from dual 10' x 6' to triple barrel 8' x 6' along the west side of US-95 from Durango Drive to Grand Teton Drive. Design is programmed in FY 15/16 and construction funding is programmed in FY 18/19. FY 2016 eligible funding is approximately \$.60 million for this project.

Upper Northern LV Wash – 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 construction funding is programmed in FY 17/18. FY 2016 eligible funding is approximately \$6.7 million for this project.

Upper Northern LV Wash – Brent Drainage System – Floyd Lamb Park to Durango Drive (PV = 83.5)

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 2016 eligible funding is approximately \$4.0 million for this project.

Total Programmed First Year: \$ 3,118,571

Total Eligible First Year: \$26,104,971

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

Lower Northern Las Vegas Wash – 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 15/16. FY 2016 eligible funding is approximately \$4.9 million for this project.

FY 2016 Project List (continued)

Lower Northern Las Vegas Wash – 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 2016 eligible funding is approximately \$2.0 million for this project.

Lower Las Vegas Wash – Las Vegas Wash – Water Reclamation Channel (PV = 79.5)

LVMD 0606, 0640, and 0647 – This is a cost participation project with the Clark County Water Reclamation District to provide open channel improvements to the Las Vegas Wash Middle Branch. Construction funding is programmed in FY 17/18. FY 2016 eligible funding is approximately \$4.5 million for this project.

Range – 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 2016 eligible funding is approximately \$0.20 million for this project.

Range– 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 15/16. Construction funding is programmed in FY 16/17. FY 2016 eligible funding is approximately \$7.5 million for this project.

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

RWWE 0352, 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 15/16 and construction funding is programmed in FY 18/19. FY 2016 eligible funding is approximately \$0.90 million for this project.

FY 2016 Project List (continued)

Range – East Range – Hollywood System, Las Vegas Blvd to Centennial Parkway (PV = 93.0)

RWHW 0173, 0174, 0201, 0277 – This project consists of reinforced concrete box culvert ranging in size from 9' x 8' to 12' x 10' in Hollywood Boulevard from I-15 to Las Vegas Boulevard near the Las Vegas Motor Speedway. Design is underway. Construction funding is programmed in FY 15/16. FY 2016 eligible funding is approximately \$11.7 million for this project.

Total Programmed First Year: \$20,344,089

Total Eligible First Year: \$31,686,993

Clark County (Las Vegas Valley)

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

Tropicana/Flamingo – F-4 Patrick Lane/Fort Apache Road Lateral (PV = 91.5)

FLOQ 0100 – This project includes 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 16/17. FY 2016 eligible funding is approximately \$1.0 million for this project.

Tropicana/Flamingo – Flamingo Wash, Tioga to Eastern (PV = 89.5)

FLWA 0472 and 0482 – This project consists of open channel improvements along the Flamingo Wash from Eastern Avenue to Tioga Way, additional 22' x 8' reinforced concrete box culvert at Eastern Avenue, and replacement of existing three barrel 90" corrugated metal pipe culvert with a four cell 20' x 8' reinforced concrete box culvert at Tioga Way. Design is underway. Construction funding is programmed in FY 16/17. FY 2016 eligible funding is approximately \$3.1 million for this project.

Tropicana/Flamingo – Airport Channel Naples (PV = 87.0)

TRMC 0013, 0031 – This project consists of open channel improvements from Harmon Avenue to Tropicana Avenue. Design is underway. Construction funding is programmed in FY 17/18. FY 2016 eligible funding is approximately \$2.7 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. FY 2016 eligible funding is approximately \$1.2 million for this project.

FY 2016 Project List (continued)

Duck Creek/Blue Diamond – Blue Diamond Wash Railroad (PV = 80.5)

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 15/16 and design is programmed in FY 19/20. Construction funding is programmed in FY 21/22. FY 2016 eligible funding is approximately \$0.30 million for this project.

Duck Creek/Blue Diamond – Duck Creek @ Dean Martin Drive (PV = 90.0)

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 2016 eligible funding is approximately \$3.3 million for this project.

Clark County (Outlying Areas):

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

Goodsprings – Goodsprings – Phase I

GSEA 0000, GSPA 0027 and 0029, 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. FY 2016 eligible funding is approximately \$0.80 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. Additional design funding is programmed in FY 15/16. Construction funding is programmed in FY 17/18. FY 2016 eligible funding is approximately \$6.6 million for this project.

Laughlin – SR 163 at Casino Drive

LUBC 0000, 0001, 0005, 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 2016 eligible funding is approximately \$0.90 million for this project.

FY 2016 Project List (continued)**Searchlight – South, Encinitas St. Storm Drain**

SRSO 0000, 0010, 0021, 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 17/18. The TYCP includes approximately \$1.5 million for this project.

Clark County (Las Vegas Valley) Programmed First Year: \$ 298,709

Clark County (Las Vegas Valley) Eligible First Year: \$11,592,624

Clark County (Outlying Areas) Programmed First Year: \$ 350,000

Clark County (Outlying Areas) Eligible First Year: \$ 9,798,039

Total Programmed First Year: \$ 648,709

Total Eligible First Year: \$21,390,663

Boulder City:**Hemenway – Hemenway System, Phase IIA Improvements**

HMTH 0034, HMLM 0066 and 0085 and HMWA 0158, 0173, 0175, and 0182 – This project consists of 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 construction of two sediment basins at the upstream end of the system. Design is underway. Construction funding is programmed in FY 17/18. FY 2016 eligible funding is approximately \$0.90 million for this project.

Hemenway – Hemenway System, Phase IIB Improvements

HMWA 0005, 0105 – This project consists improvements to the Hemenway Channel system located along the north side of US-93. Design is underway. Additional design funding is programmed in FY 15/16 and construction funding is programmed in FY 16/17. FY 2016 eligible funding is approximately \$0.50 million for this project.

North Railroad – North Railroad Conveyance Phase 2

NRIN 0010, 0031, 0062 – This project consists of a 12’ wide by 5’ deep concrete channel, 48’ reinforced concrete pipe, and adds approximately 6.7 acre-feet of sediment/debris storage capacity to the existing North Railroad Detention Basin. Design is underway. Construction funding is programmed in FY 15/16. FY 2016 eligible funding is approximately \$1.5 million for this project.

Total Programmed First Year: \$1,558,312

Total Eligible First Year: \$2,930,684

FY 2016 Project List (continued)

Mesquite:

Virgin River – Virgin River Flood Wall

VREC 0000, 0028, and 0054 – This project includes approximately 4,300 linear 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 15/16 and construction funding is programmed in FY 18/19. FY 2016 eligible funding is approximately \$0.18 million for this project.

Total Programmed First Year: \$183,556

Total Eligible First Year: \$183,556

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%
	Sub-total	\$348,144,010	19.22%
Clark County			
	Duck Cr/Blue Diamond	\$201,718,434	11.14%
	Tropicana/Flamingo	\$131,106,775	7.24%
	Outlying Areas	\$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											Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M		
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
CITY OF HENDERSON											
HYDROGRAPHIC BASIN: PITTMAN											
PROJECT: Pittman North Detention Basin and Outfall											
PTNO 0180 thru 0182, & PTWA 0884	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: Pittman, Horizon Ridge Detention Basin											
PTHR 0140, 0203 thru 0205	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: 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: 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 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: 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												Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M			
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5			

CITY OF LAS VEGAS												
HYDROGRAPHIC BASIN: CENTRAL												
PROJECT: Las Vegas Wash - Stewart to Bonanza												
LVMD 1121 & 1149	4	3	3	3	3	3	3	3	1	2		82.2
	17.5	14.0	12.0	10.5	9.0	7.5	6.0	3.8	1.0	1.0		
PROJECT: Cedar Avenue Channel Improvements												
CACN 0001 & 0035, CNST 0000	3	3	3	3	3	2	2	3	3	4		82.1
	17.0	14.4	12.0	11.2	9.0	5.0	4.0	4.5	3.0	2.0		
PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston												
FLBN 0038	4	3	3	3	3	2	2	3	1	3		81.0
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5		
PROJECT: Boulder Hwy. North, Charleston - Maryland to Boulder Hwy												
FLBN 0167, 0180, 0205	4	3	3	3	3	2	2	3	1	3		81.0
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5		
PROJECT: Flamingo - Boulder Highway North, Charleston - Main to Maryland												
FLBN 0281, 0312	4	3	3	3	3	2	2	2	1	2		80.9
	21.5	13.5	12.0	10.9	9.0	5.0	4.0	3.0	1.0	1.0		
PROJECT: Freeway Channel - Washington, Rancho to Valley View												
LV15 0528	4	3	3	3	3	2	2	2	1	2		80.2
	20.0	14.0	12.4	10.9	9.0	5.0	4.0	3.0	1.0	1.0		
PROJECT: Owens Avenue East - LV Wash to Mojave												
LVOE 0000	4	3	3	3	3	2	2	3	1	3		79.9
	20.0	13.5	12.0	10.5	8.4	4.5	4.0	4.5	1.0	1.5		
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb												
LVBZ 0000	4	3	3	3	3	2	2	3	1	3		79.9
	20.0	13.5	11.2	9.8	9.0	5.0	4.4	4.5	1.0	1.5		
PROJECT: Owens Avenue East - Mojave to Eastern												
LVOE 0085	4	3	3	3	3	2	2	2	1	2		78.4
	20.0	13.5	12.0	10.5	8.4	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	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	2		78.0
	20.0	18.0	12.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0		
PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos												
LVBZ 0064, 0114	3	3	3	3	3	2	2	3	1	3		77.6
	17.0	13.1	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5		
PROJECT: Freeway Channel - Washington, Valley View to Decatur												
LV15 0602	4	3	3	3	3	2	2	2	1	2		77.2
	19.0	13.5	11.2	10.5	9.0	5.0	4.0	3.0	1.0	1.0		
PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy												
BHSA 0000, 0026	3	3	4	3	3	2	2	2	1	2		76.9
	15.0	13.5	16.0	10.5	8.4	4.5	4.0	3.0	1.0	1.0		
PROJECT: Sahara Avenue - Eastern Lateral												
SAEA 0000	3	3	3	3	3	2	2	3	1	3		76.0
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5		
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern												
BHSA 0075	3	3	3	3	3	2	2	3	1	3		76.0
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5		
PROJECT: Boulder Highway Sahara Avenue - LV Blvd to Maryland												
BHSA 0175	3	3	3	3	3	2	2	3	1	3		76.0
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.5		

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority	Value
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
HYDROGRAPHIC BASIN: GOWAN											
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn											
GOBU 0112, 0136	4	3	3	3	2	3	3	4	1	2	83.5
	20.0	13.5	12.0	10.5	6.0	7.5	6.0	6.0	1.0	1.0	
PROJECT: Gowan Box Canyon - Lone Mountain Road											
GOBX 0015	4	3	3	3	2	3	3	4	1	2	83.5
	20.0	13.5	12.0	10.5	6.0	7.5	6.0	6.0	1.0	1.0	
PROJECT: Gowan Outfall - El Capitan Branch, Lone Mtn to Ann Road											
GOEC 0000 thru 0076	4	3	3	3	2	3	3	4	1	2	83.5
	20.0	13.5	12.0	10.5	6.0	7.5	6.0	6.0	1.0	1.0	
PROJECT: Gowan - Alexander Rd., Rancho to Decatur											
GOAL 0000	4	3	3	3	2	3	3	4	1	1	82.6
	20.0	13.1	12.0	10.5	6.0	7.5	6.0	6.0	1.0	0.5	
PROJECT: Gowan Outfall - Alexander Rd., Allen to Simmons											
GOOF 0275, 0285	4	3	3	3	2	3	3	4	1	1	82.6
	20.0	13.1	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, 0375	4	3	3	3	2	3	3	4	1	1	82.6
	20.0	13.1	12.0	10.5	6.0	7.5	6.0	6.0	1.0	0.5	
PROJECT: Gowan - Rancho, Craig to Alexander											
GOAL 0100, 0111	4	3	3	3	3	3	3	3	1	2	81.8
	19.0	11.3	12.0	10.5	9.0	7.5	6.0	4.5	1.0	1.0	
PROJECT: Gowan - Alexander Branch											
GOA2 0000	3	3	3	3	3	3	3	3	1	2	79.6
	15.0	13.1	12.0	10.5	9.0	7.5	6.0	4.5	1.0	1.0	
PROJECT: Gowan - Craig and US-95											
GOAL 0168, 0247	4	3	3	3	2	2	3	3	1	2	79.5
	20.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial											
GOEC 0100 thru 0176	4	3	3	3	2	2	3	3	1	2	79.5
	20.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	1.0	1.0	
HYDROGRAPHIC BASIN: UPPER NORTHERN LAS VEGAS WASH											
PROJECT: Brent Drainage System - Floyd Lamb Park to Durango											
BRDB 0043	4	3	3	3	3	4	2	2	1	3	83.5
	19.0	13.5	12.0	10.5	9.0	10.0	4.0	3.0	1.0	1.5	
PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Elkhorn											
CNWE 0325 & CN95 0000	4	3	3	3	3	2	3	3	1	2	82.5
	20.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Centennial Parkway Channel West - US 95, Elkhorn to Durango											
CN95 0068	4	3	3	3	3	2	3	3	1	2	82.5
	20.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	1.0	1.0	
PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai											
RCHB 0295	4	3	3	3	3	2	3	3	1	2	82.1
	20.0	13.1	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, 0167	3	3	4	3	3	3	2	3	1	3	82.1
	15.0	13.1	16.0	10.5	9.0	7.5	4.0	4.5	1.0	1.5	
PROJECT: Brent Drainage System - Durango to El Capitan											
BRDB 0107, 0157	4	3	3	3	3	2	3	3	1	2	81.5
	19.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	1.0	1.0	

EXHIBIT B

Project Prioritization

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

CITY OF 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	15.0	13.5	12.0	83.5
PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan													
LVNC 0038	3	3	3	3	3	3	3	2	2	15.0	13.5	12.0	81.0
PROJECT: Fifth Street Collector - Centennial to Deer Springs													
LV5C 0000, 0002	4	3	3	3	3	2	2	2	2	20.0	13.5	12.0	80.0
PROJECT: Las Vegas Boulevard Drain													
LVLV 0000	3	3	4	4	2	2	2	2	3	15.0	13.5	16.0	80.0
PROJECT: Lake Mead Drain to Las Vegas Wash													
LVLE 0000, 0047	4	3	3	3	3	2	2	2	2	20.0	13.5	12.0	80.0

HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH													
PROJECT: Las Vegas Wash - Water Reclamation Channel													
LVMD 0606, 0640, 0647	3	3	3	3	3	2	3	3	2	15.0	13.5	12.0	79.5

HYDROGRAPHIC BASIN: RANGE													
PROJECT: Hollywood System, Las Vegas Blvd to Centennial Parkway													
RWHW 0173, 0174, 0201, 0277	4	4	3	3	3	3	4	3	2	20.0	18.0	12.0	93.0
PROJECT: Orchard Collector - Charleston to Linden													
SLOR 0158	3	4	3	3	4	3	2	3	2	15.0	18.0	12.0	86.5
PROJECT: Beltway Detention Basin & Channel													
RWRR 0107 thru 0261 & RWBE 0000	3	4	3	3	3	4	3	2	2	15.0	18.0	12.0	86.5
PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin													
RWHW 0300 thru 0412	3	3	4	4	3	2	3	3	2	15.0	13.5	16.0	86.0
PROJECT: Vandenberg North Detention Basin, Collection & Outfall													
RWWE 0352, 0397 thru 0439	3	4	3	3	2	3	4	3	2	15.0	18.0	12.0	85.5
PROJECT: Beltway Collection System - Pecos													
RWWE 0463 & RWBW 0000	3	3	3	3	4	3	2	3	2	15.0	13.5	12.0	82.0
PROJECT: Owens Detention Basin & Outfall													
SLWA 0130 thru 0175 & SLOW 0000, 0005	3	3	3	3	4	3	2	3	2	15.0	13.5	12.0	82.0
PROJECT: Range Wash - Beltway Conveyance													
RWBW 0030 & RWWE 0493 & 0517	3	3	3	4	3	2	3	3	2	15.0	13.5	12.0	82.0
PROJECT: Range Wash - Hollywood Branch Nellis													
RWHW 0000 thru 0136 & RWEA 0163, 0164, 0165 & 0192	3	3	3	4	3	2	3	3	2	15.0	13.5	12.0	82.0
PROJECT: Speedway North Detention Basin													
RWHW 0498, 0499, 0500	3	3	3	4	3	2	3	3	2	15.0	13.5	12.0	82.0
PROJECT: Range Wash - Altn Conveyance, Confluence DB to Los Feliz													
RWAL 0000, 0068	3	3	3	3	3	3	2	2	2	15.0	13.5	12.0	79.5
PROJECT: Range Wash - Ann Branch													
RWAN 0000, 0050	3	3	3	3	3	2	3	2	2	15.0	13.5	12.0	77.0
PROJECT: Range Wash - Sloan Channel, Stewart Bridge													
RWSL 0188	3	3	3	2	3	2	2	2	2	15.0	13.5	12.0	74.0

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation	Implem.	Env.	O&M	Priority	Value
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
CLARK COUNTY											
HYDROGRAPHIC BASIN: Tropicana/ Flamingo											
PROJECT: F-4 Patrick Lane/ Fort Apache Road Lateral											
FLOQ 0100	3	3	4	3	4	3	4	3	3	3	91.5
	15.0	13.5	16.0	10.5	12.0	7.5	8.0	4.5	3.0	1.5	
PROJECT: Flamingo Wash, Tioga to Eastern											
FLWA 0472 & 0482	4	4	3	3	4	3	2	2	2	1	89.5
	20.0	18.0	12.0	10.5	12.0	7.5	4.0	3.0	2.0	0.5	
PROJECT: Airport Channel - Naples											
TRMC 0013 thru 0031	4	3	3	3	4	3	3	2	2	1	87.0
	20.0	13.5	12.0	10.5	12.0	7.5	6.0	3.0	2.0	0.5	
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	3	2	1	2	81.0
	15.0	13.5	12.0	10.5	9.0	10.0	6.0	3.0	1.0	1.0	
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: Vegas Valley Drive - Flamingo Wash to Pecos											
VAVD 0000 & 0025	3	3	3	2	3	3	3	3	3	3	79.0
	15.0	13.5	12.0	7.0	9.0	7.5	6.0	4.5	3.0	1.5	
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.											
LV02 0001 thru 0294	3	3	3	3	3	2	3	2	2	3	77.5
	15.0	13.5	12.0	10.5	9.0	5.0	6.0	3.0	2.0	1.5	
PROJECT: Flamingo - Cimarron Branch											
FLCM 0003, 0040	3	3	2	3	3	2	3	2	2	1	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	0.5	
PROJECT: Flamingo Wash Maryland - UNLV											
FLMR 0000	3	3	2	3	3	2	3	2	2	1	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	0.5	
PROJECT: Las Vegas Wash - Christy											
LVCH 0000, 0114	3	3	2	3	3	2	3	2	2	1	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	0.5	
PROJECT: Tropicana Avenue Conveyance, Morris to Mountain Vista											
LV01 0151	3	3	2	3	3	2	3	2	2	1	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	0.5	
PROJECT: Las Vegas Wash - Boulder Highway											
LVBH 0000	3	3	2	3	3	2	3	2	2	1	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	0.5	
HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond											
PROJECT: Duck Creek @ Dean Martin											
DCWA 1446 & 1447	4	3	3	3	3	4	3	3	3	3	90.0
	20.0	13.5	12.0	10.5	9.0	10.0	6.0	4.5	3.0	1.5	
PROJECT: Duck Creek Haven Street											
DCHV 0026, 0050, 0057	3	3	3	3	4	3	3	3	3	3	85.5
	15.0	13.5	12.0	10.5	12.0	7.5	6.0	4.5	3.0	1.5	
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: Silverado Ranch Detention Basin											
BD02 0265, 0277, 0312	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, 0151, 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 Cr. /Blue Diamond, Bermuda to Las Vegas Blvd.											
DCBD 0075, 0082 & 0084	3	3	3	3	3	3	3	3	2	1	80.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	0.5	
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones											
DCW4 0298	3	3	3	3	3	3	3	3	2	1	80.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	0.5	
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 Wash Railroad											
BDW5 0026	1	4	4	3	4	1	4	4	2	1	80.5
	5.0	18.0	16.0	10.5	12.0	2.5	8.0	6.0	2.0	0.5	
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	
PROJECT: Duck Creek Jones Boulevard											
DCJB 0000, 0043	3	3	2	3	3	2	3	2	2	2	73.0
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	1.0	
PROJECT: Duck Creek Wash, El Camino to Rainbow											
DCWA 1775, 1803, 1827	3	3	3	2	2	3	2	2	3	2	72.0
	15.0	13.5	12.0	7.0	6.0	7.5	4.0	3.0	3.0	1.0	

EXHIBIT C

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

ADOPTED				FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025										
				(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25						
TOTAL PLAN				Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,696				
Unencumbered from previous year		\$3,424,657	Cumulative Available Resources	\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030					
ENTITY RESOURCES				Annual Resources	\$85,483,421	\$17,681,274	\$3,542,769	\$3,913,261	\$4,269,116	\$20,033,632	\$3,671,913	\$4,091,085	\$4,464,797	\$4,844,292	\$18,971,283				
Unencumbered from previous year		\$13,275,660	Cumulative Available Resources		\$5,473,274	\$9,016,043	\$191,265	\$301,738	\$18,129,798	\$18,203,476	\$4,470,148	\$2,375,859	\$308,175	\$10,797,541					
ENTITY TOTAL				\$511,244,291	\$151,215,287	\$74,685,879	\$12,208,000	\$0	\$12,738,039	\$4,158,642	\$2,205,572	\$3,598,235	\$17,824,413	\$6,559,086	\$6,911,975	\$8,481,917			
HYDROGRAPHIC BASIN: PITTMAN				\$385,345,198	\$118,051,220	\$63,819,563	\$10,404,000	\$0	\$12,738,039	\$272,114	\$2,205,572	\$2,847,350	\$17,824,413	\$6,559,086	\$2,487,073	\$8,481,917			
SYSTEM: Pittman Burns				\$62,860,544	\$16,710,795	\$20,189,825	\$10,404,000	\$0	\$2,853,700	\$0	\$0	\$0	\$373,039	\$6,559,086	\$0	\$0			
	PROJECT: Pittman West Horizon - Palm Hills																		
	Design/Admin	PTWH 0032	Design Started 09/10	\$176,466	\$2,853,700					\$211,400									
	Right-of-way		HEN12I09	\$141,172															
	Construction			\$1,261,728						\$2,642,300									
	PROJECT: Galleria to Boulder Hwy.																		
	Design/Admin	PTSU 0000 & 0023	Design Started 09/10	\$331,728	\$6,932,125									\$41,740	\$596,280				
	Right-of-way		HEN12H09	\$265,382										\$331,299					
	Construction		Eng. Est.	\$2,371,852										\$5,962,806					
	PROJECT: Pittman, Horizon Ridge Detention Basin																		
	Design/Admin	PTHR 0140, 0203 thru 0205	Design Started 09/10	\$409,125	\$10,404,000	\$804,000													
	Right-of-way		HEN05E09	\$327,299															
	Construction		Eng. Est.	\$2,833,962		\$9,600,000													
	SYSTEM: Lower Pittman				\$124,601,910	\$19,509,780	\$3,028,545	\$0	\$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							
SYSTEM: Upper Pittman				\$629,562	\$48,657,734	\$40,601,194	\$0	\$0	\$9,703,144	\$272,114	\$2,205,572	\$0	\$17,451,374	\$0	\$2,487,073	\$8,481,917			
	PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer																		
	Design/Admin	PTNO 0000 thru 0073		\$1,319,867	\$14,271,991					\$931,868					\$659,079				
	Right-of-way			\$1,055,894						\$900,000									
	Construction			\$9,437,053										\$11,781,044					
	PROJECT: Pittman North Detention Basin and Outfall																		
	Design/Admin	PTNO 0180 thru 0182, & PTWA 0884	25% Design left	\$1,668,359	\$9,703,144					\$658,573									
	Design/Admin		HEN16A01	\$1,334,687															
	Construction		Eng. Est.	\$10,453,420						\$9,044,571									
	PROJECT: Pittman North Detention Basin to Larson Lane																		
	Design/Admin	PTSD 0000 thru 0043		\$396,976	\$4,387,424					\$272,114					\$198,231				
	Right-of-way			\$317,581						\$373,704									
	Construction			\$2,838,375										\$3,543,375					
	PROJECT: Pittman West Detention Basin & Outfall																		
	Design/Admin	PTLA 0127 thru 0141 & 0181 thru 0221		\$3,129,791	\$3,487,073											\$2,487,073			
	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	\$8,751,562									\$544,133			\$396,392			
Right-of-way			\$581,162										\$725,512						
Construction			\$5,194,132												\$7,085,525				

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

ADOPTED				FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025						
		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25	
TOTAL PLAN				Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,696
Unencumbered from previous year		\$3,424,657	Cumulative Available Resources	\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030	
ENTITY RESOURCES				Annual Resources	\$85,483,421	\$17,681,274	\$3,542,769	\$3,913,261	\$4,269,116	\$20,033,632	\$3,671,913	\$4,091,085	\$4,464,797	\$4,844,292	\$18,971,283
Unencumbered from previous year		\$13,275,660	Cumulative Available Resources		\$5,473,274	\$9,016,043	\$191,265	\$301,738	\$18,129,798	\$18,203,476	\$4,470,148	\$2,375,859	\$308,175	\$10,797,541	
ENTITY TOTAL			\$511,244,291	\$151,215,287	\$74,685,879	\$12,208,000	\$0	\$12,738,039	\$4,158,642	\$2,205,572	\$3,598,235	\$17,824,413	\$6,559,086	\$6,911,975	\$8,481,917
HYDROGRAPHIC BASIN: C-1			\$125,899,093	\$33,164,068	\$10,866,316	\$1,804,000	\$0	\$0	\$3,886,529	\$0	\$750,885	\$0	\$0	\$4,424,903	\$0
SYSTEM: C-1			\$125,899,093	\$33,164,068	\$10,866,316	\$1,804,000	\$0	\$0	\$3,886,529	\$0	\$750,885	\$0	\$0	\$4,424,903	\$0
PROJECT: Center Street Storm Drain															
Design/Admin	C1CT 0000 thru 0048	Design Started 09/10	\$450,588	\$3,886,529				\$205,909							
Right-of-way		HEN23A09	\$360,470												
Construction			\$3,221,701					\$3,680,620							
PROJECT: Racetrack Channel - Drake to Burkholder															
Design/Admin	C1RT 0001 thru 0041	Design Started 09/10	\$312,104	\$1,804,000	\$134,000										
Right-of-way		HEN04P09	\$249,684												
Construction		Eng. Est.	\$2,231,544		\$1,670,000										
PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead															
Design/Admin	C1CH 0161 & 0173		\$442,522	\$5,175,788						\$321,808				\$234,432	
Right-of-way			\$354,018							\$429,077					
Construction			\$3,164,033										\$4,190,471		

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025								
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25			
TOTAL PLAN					Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,696		
Unencumbered from previous year		\$3,424,657		Cumulative Available Resources	\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030			
ENTITY RESOURCES					Annual Resources	\$318,412,335	\$4,114,157	\$16,422,577	\$18,139,987	\$19,789,570	\$92,866,291	\$17,021,222	\$18,964,304	\$20,696,654	\$22,455,808	\$87,941,755		
Unencumbered from previous year		(\$16,308,152)		Cumulative Available Resources		\$995,586	\$5,349,751	\$7,442,780	\$1,467,934	\$4,623,339	\$8,505,132	\$5,642,491	\$9,520,966	\$1,162,548	\$40,476,619			
ENTITY TOTAL						\$957,137,971	\$684,948,614	\$277,935,717	\$3,118,571	\$12,068,411	\$16,046,968	\$25,764,416	\$89,710,886	\$13,139,429	\$21,826,945	\$16,818,179	\$30,814,226	\$48,627,685
HYDROGRAPHIC BASIN: CENTRAL				\$403,721,788	\$385,155,042	\$148,394,273	\$0	\$2,073,250	\$715,931	\$0	\$43,108,935	\$6,364,644	\$8,948,820	\$16,185,594	\$30,814,226	\$40,182,873		
SYSTEM: LV Wash I-15 Tributary				\$109,476,848	\$77,154,912	\$15,788,673	\$0	\$0	\$0	\$0	\$540,346	\$0	\$7,758,173	\$0	\$0	\$0	\$7,490,154	
PROJECT: Freeway Channel - Washington, Valley View to Decatur													\$544,732				\$396,829	
	Design/Admin	LV15 0602		\$727,252	\$8,034,887													
	Right-of-way			\$581,802														
	Construction			\$5,199,850													\$7,093,325	
PROJECT: Freeway Channel - Washington, Rancho to Valley View																		
	Design/Admin	LV15 0528		\$765,329	\$7,753,787					\$540,346		\$382,169						
	Right-of-way			\$612,263														
	Construction			\$5,472,102								\$6,831,272						
SYSTEM: LV Wash Central				\$285,079,544	\$133,972,846	\$37,651,030	\$0	\$0	\$400,000	\$0	\$14,061,088	\$557,753	\$0	\$14,963,005	\$7,669,184	\$0		
PROJECT: Las Vegas Wash - Stewart to Bonanza																		
	Design/Admin	LVMD 1121 & 1149	Design Started 11/12	\$582,295	\$5,373,252			\$200,000		\$274,079								
	Right-of-way		CLA15D12 / LAS28C12	\$465,836														
	Construction			\$4,163,416						\$4,899,172								
PROJECT: Cedar Avenue Channel Improvements																		
	Design/Admin	CACN 0001 & 0035, CNST 0000	Design Started 13/14	\$877,918	\$7,999,629			\$200,000		\$413,225								
	Design/Admin		LAS25B13	\$702,335														
	Construction			\$6,277,116						\$7,386,404								
PROJECT: Owens Avenue East - LV Wash to Mojave																		
	Design/Admin	LVOE 0000		\$1,541,300	\$16,051,211					\$1,088,207				\$792,742				
	Right-of-way			\$1,233,040														
	Construction			\$11,020,297										\$14,170,263				
PROJECT: Owens Avenue East - Mojave to Eastern																		
	Design/Admin	LVOE 0085		\$766,974	\$8,226,937						\$557,753				\$406,314			
	Right-of-way			\$613,579														
	Construction			\$5,483,861											\$7,262,870			
SYSTEM: Sahara Boulder Highway				\$9,185,398	\$174,027,284	\$94,954,570	\$0	\$2,073,250	\$315,931	\$0	\$28,507,501	\$5,806,891	\$1,190,647	\$1,222,589	\$23,145,042	\$32,692,719		
PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy																		
	Design/Admin	BHSA 0000, 0026	Design Started 09/10	\$1,584,691	\$17,543,734									\$1,222,589		\$864,696		
	Right-of-way		LAS27A09	\$1,267,753														
	Construction			\$11,330,541												\$15,456,449		
PROJECT: Sahara Avenue - Eastern Lateral																		
	Design/Admin	SAEA 0000		\$301,160	\$239,315											\$239,315		
	Right-of-way			\$240,928														
	Construction			\$2,153,296														
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern																		
	Design/Admin	BHSA 0075		\$1,451,440	\$1,153,380											\$1,153,380		
	Right-of-way			\$1,161,152														
	Construction			\$10,377,798														
PROJECT: Boulder Highway Sahara Avenue - LV Blvd to Maryland																		
	Design/Admin	BHSA 0175		\$2,062,012	\$1,638,567											\$1,638,567		
	Right-of-way			\$1,649,610														
	Construction			\$14,743,385														
PROJECT: Flamingo - Boulder Highway North, Charleston - Main to Maryland																		
	Design/Admin	FLBN 0281, 0312		\$474,725	\$4,660,017			\$315,931			\$230,151							
	Right-of-way			\$379,780														
	Construction			\$3,394,278							\$4,113,936							
PROJECT: Boulder Hwy. North, Charleston - Maryland to Boulder Hwy																		
	Design/Admin	FLBN 0167, 0180, 0205		\$1,254,363	\$11,954,514		\$810,467			\$590,413								
	Right-of-way			\$1,003,490														
	Construction			\$8,968,692							\$10,553,634							
PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston																		
	Design/Admin	FLBN 0038		\$1,954,412	\$18,626,237		\$1,262,783			\$919,918								
	Right-of-way			\$1,563,530														
	Construction			\$13,974,050							\$16,443,536							
PROJECT: Flamingo Wash - Maryland Parkway System																		
	Design/Admin	FLMP 0000		\$608,856	\$6,530,891						\$442,768				\$322,549			
	Right-of-way			\$487,085														
	Construction			\$4,353,321												\$5,765,574		
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb																		
	Design/Admin	LVBZ 0000		\$1,094,511	\$11,740,266						\$795,942				\$579,832			
	Right-of-way			\$875,609														
	Construction			\$7,825,754												\$10,364,492		
PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos																		
	Design/Admin	LVBZ 0064, 0114		\$1,589,587	\$17,562,221								\$1,190,647			\$867,368		
	Right-of-way			\$1,271,670														
	Construction			\$11,365,550													\$15,504,206	
PROJECT: Flamingo - Boulder Hwy. North, Main St.																		
	Design/Admin	FLBN 0342	Design Started 10/11	\$308,156	\$3,305,428						\$224,095				\$163,250			
	Right-of-way		LAS29A10	\$246,524														
	Construction		Engr's Est.	\$2,203,311												\$2,918,083		

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025					
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25	
TOTAL PLAN				Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,696
Unencumbered from previous year		\$3,424,657	Cumulative Available Resources	\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030	
ENTITY RESOURCES				Annual Resources	\$318,412,335	\$4,114,157	\$16,422,577	\$18,139,997	\$19,789,570	\$92,866,291	\$17,021,222	\$18,964,304	\$20,696,654	\$22,455,608	\$87,941,755
Unencumbered from previous year		(\$16,308,152)	Cumulative Available Resources		\$995,586	\$5,349,751	\$7,442,780	\$1,467,934	\$4,623,339	\$8,505,132	\$5,642,491	\$9,520,966	\$1,162,548	\$40,476,619	
ENTITY TOTAL			\$957,137,971	\$684,948,614	\$277,935,717	\$3,118,571	\$12,068,411	\$16,046,968	\$25,764,416	\$89,710,886	\$13,139,429	\$21,826,945	\$16,818,179	\$30,814,226	\$48,627,685
HYDROGRAPHIC BASIN: GOWAN			\$293,217,265	\$158,747,407	\$89,938,306	\$1,002,116	\$5,606,065	\$0	\$14,008,266	\$40,591,551	\$6,774,785	\$12,878,125	\$632,586	\$0	\$8,444,812
SYSTEM: Gowan North			\$166,668,680	\$158,433,211	\$89,938,306	\$1,002,116	\$5,606,065	\$0	\$14,008,266	\$40,591,551	\$6,774,785	\$12,878,125	\$632,586	\$0	\$8,444,812
PROJECT: Gowan Box Canyon - Lone Mountain Road															
Design/Admin			\$544,616	\$5,039,209	\$341,638			\$248,878							
Right-of-way		GOBX 0015	\$435,693												
Construction			\$3,894,007					\$4,448,693							
PROJECT: Gowan Outfall - Alexander Rd., Allen to Simmons															
Design/Admin			\$1,004,635	\$11,690,473		\$649,114			\$472,869						
Right-of-way		GOOF 0275, 0285	\$803,708												
Construction			\$8,981,317						\$10,568,490						
PROJECT: Gowan Outfall - Alexander Rd., Decatur to Allen															
Design/Admin			\$1,940,153	\$18,490,338		\$1,253,570			\$913,206						
Right-of-way		GOOF 0325, 0375	\$1,552,122												
Construction			\$13,872,093						\$16,323,562						
PROJECT: Gowan Outfall - El Capitan Branch, Lone Mtn to Ann Road															
Design/Admin			\$1,052,891	\$9,742,159	\$660,478			\$481,148							
Right-of-way		GOEC 0000 thru 0076	\$842,313												
Construction			\$7,528,174					\$8,600,532							
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial															
Design/Admin			\$819,943	\$9,077,397								\$632,586		\$447,407	
Right-of-way		GOEC 0100 thru 0176	\$655,955												
Construction			\$5,862,597												\$7,997,405
PROJECT: Gowan - Alexander Rd., Rancho to Decatur															
Design/Admin			\$1,175,463	\$11,061,917					\$553,276						
Right-of-way		GOAL 0000	\$940,370												
Construction			\$8,404,560						\$10,508,641						
PROJECT: Gowan - Rancho, Craig to Alexander															
Design/Admin			\$740,352	\$7,297,497					\$522,712	\$358,929					
Right-of-way		GOAL 0100, 0111	\$592,282												
Construction			\$5,293,519							\$6,415,856					
PROJECT: Gowan - Alexander Branch															
Design/Admin			\$334,099	\$3,377,992				\$229,014			\$166,833				
Right-of-way		GOA2 0000	\$267,279												
Construction			\$2,388,808									\$2,982,144			
PROJECT: Gowan - Craig and US-95															
Design/Admin			\$1,032,239	\$10,457,941					\$728,794		\$515,452				
Right-of-way		GOAL 0168, 0247	\$825,791												
Construction			\$7,380,512									\$9,213,696			
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn															
Design/Admin			\$455,503	\$3,703,382		\$196,206									
Right-of-way		GOBU 0112, 0136	\$364,401												
Construction			\$3,256,839				\$3,507,176								

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED					FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025					
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25	
TOTAL PLAN				Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,696
Unencumbered from previous year		\$3,424,657	Cumulative Available Resources	\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030	
ENTITY RESOURCES				Annual Resources	\$318,412,335	\$4,114,157	\$16,422,577	\$18,139,997	\$19,789,570	\$92,866,291	\$17,021,222	\$18,964,304	\$20,696,654	\$22,455,808	\$87,941,755
Unencumbered from previous year		(\$16,308,152)	Cumulative Available Resources		\$995,586	\$5,349,751	\$7,442,780	\$1,467,934	\$4,623,339	\$8,505,132	\$5,642,491	\$9,520,966	\$1,162,548	\$40,476,619	
ENTITY TOTAL			\$957,137,971	\$684,948,614	\$277,935,717	\$3,118,571	\$12,068,411	\$16,046,968	\$25,764,416	\$89,710,886	\$13,139,429	\$21,826,945	\$16,818,179	\$30,814,226	\$48,627,685
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH			\$260,198,919	\$141,046,165	\$39,603,138	\$2,116,455	\$4,389,096	\$15,331,037	\$11,756,150	\$6,010,400	\$0	\$0	\$0	\$0	\$0
SYSTEM: Ann Road			\$71,879,876	\$13,931,771	\$3,978,881	\$269,752	\$0	\$0	\$3,709,129	\$0	\$0	\$0	\$0	\$0	\$0
	PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai														
	Design/Admin	RCHB 0285		\$430,021	\$3,978,881	\$269,752		\$196,510							
	Right-of-way			\$344,017											
	Construction			\$3,074,648			\$3,512,619								
SYSTEM: Upper Western Tributary			\$156,679,079	\$52,571,081	\$35,624,256	\$1,848,703	\$4,389,096	\$15,331,037	\$8,047,021	\$6,010,400	\$0	\$0	\$0	\$0	\$0
	PROJECT: Centennial Parkway Channel West - US 95, Elkhorn to Durango														
	Design/Admin	CN95 0068		\$1,098,001	\$9,883,702	\$688,776		\$487,148							
	Right-of-way			\$878,401											
	Construction			\$7,850,709			\$8,707,778								
PROJECT: Centennial Parkway Channel West - US 95, Durango to Grand Teton															
Design/Admin	CN95 0102, 0167		\$932,937	\$8,632,252	\$585,231		\$426,332								
Right-of-way			\$746,350												
Construction			\$6,670,502			\$7,620,689									
PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Elkhorn															
Design/Admin	CNWE 0325 & CN95 0000		\$912,953	\$6,708,806	\$572,695		\$405,048								
Right-of-way			\$730,362												
Construction			\$5,166,978			\$5,731,062									
PROJECT: Brent Drainage System - Durango to El Capitan															
Design/Admin	BRDB 0107, 0157		\$676,524	\$6,447,515		\$437,115		\$318,432							
Right-of-way			\$541,220												
Construction			\$4,837,150			\$5,691,968									
PROJECT: Brent Drainage System - Floyd Lamb Park to Durango															
Design/Admin	BRDB 0043	Design Started 13/14	\$467,857	\$3,951,981		\$201,528									
Design/Admin		LAS22S13	\$374,287												
Construction			\$3,345,184			\$3,750,453									

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED					FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025						
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25		
TOTAL PLAN					Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,696
Unencumbered from previous year		\$3,424,657	Cumulative Available Resources		\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030	
ENTITY RESOURCES					Annual Resources	\$186,945,089	\$30,843,735	\$8,156,543	\$9,009,528	\$9,828,815	\$46,123,569	\$8,453,870	\$9,418,933	\$10,279,333	\$11,153,046	\$43,677,717
Unencumbered from previous year		\$20,700,661	Cumulative Available Resources			\$10,499,647	\$9,429,298	\$8,245,253	\$1,743,105	\$30,113,976	\$35,619,383	\$15,993,777	\$7,632,018	\$5,758,463	\$49,436,181	
ENTITY TOTAL			\$485,765,006	\$330,508,657	\$137,508,909	\$20,344,089	\$9,226,891	\$10,193,572	\$16,330,963	\$17,752,698	\$2,948,463	\$29,044,539	\$18,641,092	\$13,026,601	\$0	
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH			\$255,803,735	\$141,545,513	\$31,835,475	\$6,909,508	\$719,097	\$0	\$4,150,528	\$0	\$767,118	\$648,132	\$18,641,092	\$0	\$0	
SYSTEM: Lower Western Tributary			\$97,913,008	\$17,756,271	\$4,887,952	\$4,887,952	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: Central Freeway Channel at Cheyenne															
	Design/Admin	LV15 0051	Design Started 13/14	\$619,236	\$4,887,952	\$258,964										
	Right-of-way		NLV18F13	\$495,389												
	Construction			\$4,427,535												
SYSTEM: LV Wash Craig			\$106,686,237	\$30,849,801	\$4,869,625	\$0	\$719,097	\$0	\$4,150,528	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: Fifth Street Collector - Centennial to Deer Springs															
	Design/Admin	LV5C 0000, 0002		\$470,561	\$4,869,625		\$304,039	\$215,036								
	Right-of-way			\$385,432		\$415,058										
	Construction			\$3,444,794			\$3,935,492									
SYSTEM: Cheyenne Lamb Nellis			\$51,204,489	\$92,939,441	\$22,077,898	\$2,021,556	\$0	\$0	\$0	\$0	\$767,118	\$648,132	\$18,641,092	\$0	\$0	
	PROJECT: Lake Mead Drain to Las Vegas Wash															
	Design/Admin	LVLE 0000, 0047		\$1,054,874	\$11,007,883					\$767,118		\$542,557				
	Right-of-way			\$843,900												
	Construction			\$7,542,353					\$9,698,208							
PROJECT: Las Vegas Boulevard Drain																
Design/Admin	LVLV 0000		\$865,296	\$9,048,459							\$648,132	\$445,051				
Right-of-way			\$692,237													
Construction			\$6,186,866					\$7,955,277								
PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan																
Design/Admin	LVNC 0038	Design Started 13/14	\$150,941	\$2,021,556	\$83,124											
Right-of-way		NLV01H13	\$120,753													
Construction		Eng. Est.	\$1,079,232		\$1,938,432											
HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH			\$103,391,862	\$26,866,588	\$4,500,000	\$0	\$0	\$4,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
SYSTEM: Lower Las Vegas Wash			\$103,391,862	\$26,866,588	\$4,500,000	\$0	\$0	\$4,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	PROJECT: Las Vegas Wash - Water Reclamation Channel															
	Design/Admin	LVMD 0606, 0640, 0647			\$4,500,000											
	Right-of-way															
	Construction						\$4,500,000									

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025							
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25		
TOTAL PLAN					Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,696	
Unencumbered from previous year		\$3,424,657		Cumulative Available Resources	\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030		
ENTITY RESOURCES					Annual Resources	\$186,945,089	\$30,843,735	\$8,156,543	\$9,009,528	\$9,828,815	\$46,123,569	\$8,453,870	\$9,418,933	\$10,279,333	\$11,153,046	\$43,677,717	
Unencumbered from previous year		\$20,700,661		Cumulative Available Resources		\$10,499,647	\$9,429,298	\$8,245,253	\$1,743,105	\$30,113,976	\$35,619,383	\$15,993,777	\$7,632,018	\$5,758,463	\$49,436,181		
ENTITY TOTAL					\$485,765,006	\$330,508,657	\$137,508,909	\$20,344,089	\$9,226,891	\$10,193,572	\$16,330,963	\$17,752,698	\$2,948,463	\$29,044,539	\$18,641,092	\$13,026,601	\$0
HYDROGRAPHIC BASIN: RANGE			\$126,569,409	\$162,096,557	\$101,173,434	\$13,434,580	\$8,507,795	\$5,693,572	\$12,180,435	\$17,752,698	\$2,181,345	\$28,396,407	\$0	\$13,026,601	\$0		
SYSTEM: Lower Range			\$65,749,662	\$24,394,411	\$11,159,591	\$229,499	\$361,132	\$495,955	\$299,727	\$5,178,902	\$43,664	\$4,121,297	\$0	\$429,414	\$0		
PROJECT: Range Wash - Alto Conveyance, Confluence DB to Los Feliz									\$299,727			\$218,347					
Design/Admin		RWAL 0000, 0068		\$437,260	\$4,832,649												
Right-of-way				\$349,807					\$411,625								
Construction				\$3,126,408						\$3,902,950							
PROJECT: Orchard Collector - Charleston to Linden																	
Design/Admin		SLOR 0158	Design Started 00/01	\$34,705	\$229,499	\$14,514											
Right-of-way			CLA21A00	\$27,765													
Construction				\$205,629													
PROJECT: Owens Detention Basin & Outfall																	
Design/Admin		SLWA 0130 thru 0175 & SLOW 0000, 0005		\$558,925	\$5,624,364		\$361,132			\$263,079							
Right-of-way				\$447,140				\$495,955									
Construction				\$3,827,758						\$4,504,198							
PROJECT: Range Wash - Sloan Channel, Stewart Bridge																	
Design/Admin		RWSL 0188		\$60,043	\$473,078						\$43,664			\$31,808			
Right-of-way																	
Construction				\$300,214										\$397,608			
SYSTEM: West Range					\$58,235,363	\$101,410,556	\$28,987,314	\$1,531,645	\$7,267,726	\$368,875	\$11,880,708	\$7,940,360	\$0	\$0	\$0	\$0	
PROJECT: Beltway Detention Basin & Channel																	
Design/Admin		RWRR 0107 thru 0261 & RWBE 0000	Design Started 13/14	\$879,720	\$7,478,704		\$378,936										
Right-of-way			NLV09I13	\$703,778		\$635,800											
Construction				\$6,002,580			\$6,463,968										
PROJECT: Range Wash - Beltway Conveyance																	
Design/Admin		RWBW 0030, RWWE 0493 & 0517		\$236,261	\$2,465,874			\$157,232		\$111,205							
Right-of-way				\$189,009				\$209,643									
Construction				\$1,689,267						\$1,987,793							
PROJECT: Vandenberg North Detention Basin, Collection & Outfall																	
Design/Admin		RWWE 0352, 0397 thru 0439		\$1,428,097	\$12,778,553	\$895,845			\$652,610								
Right-of-way				\$1,142,479													
Construction				\$9,828,121					\$11,228,098								
PROJECT: Beltway Collection System - Pecos																	
Design/Admin		RWWE 0463 & RWBW 0000		\$657,498	\$6,266,183		\$424,822			\$309,476							
Right-of-way				\$525,998													
Construction				\$4,701,108						\$5,531,885							
SYSTEM: East Range					\$2,584,385	\$36,291,589	\$61,026,529	\$11,673,437	\$878,936	\$4,830,742	\$0	\$4,633,436	\$2,137,681	\$24,275,110	\$0	\$12,597,187	\$0
PROJECT: Hollywood System, Las Vegas Blvd to Centennial Parkway																	
Design/Admin		RWHW 0173, 0174, 0201, 0277	Design Started 13/14	\$1,478,862	\$11,673,437	\$618,460											
Right-of-way			NLV03E13	\$1,183,089													
Construction				\$10,573,866			\$11,054,977										
PROJECT: Range Wash - Hollywood Branch Nellis																	
Design/Admin		RWHW 0000 thru 0136 RWEA 0163, 0164, 0165 & 0192		\$1,906,271	\$19,858,054					\$1,345,887		\$951,901					
Right-of-way				\$1,525,018				\$1,794,518									
Construction				\$12,628,948						\$15,765,747							
PROJECT: Range Wash - Ann Branch																	
Design/Admin		RWAN 0000, 0050		\$1,259,809	\$14,734,868						\$916,149			\$667,401			
Right-of-way				\$1,007,847						\$1,221,532							
Construction				\$9,007,636									\$11,929,786				
PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin																	
Design/Admin		RWHW 0300 thru 0412		\$583,000	\$5,709,678		\$376,688	\$258,659									
Right-of-way				\$466,399				\$502,249									
Construction				\$4,122,073					\$4,572,083								
PROJECT: Speedway North Detention Basin																	
Design/Admin		RWHW 0498, 0499, 0500		\$906,291	\$9,050,492					\$639,870		\$452,559					
Right-of-way				\$725,033						\$853,160							
Construction				\$5,691,291								\$7,104,903					

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025							
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25		
TOTAL PLAN					Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,696	
Unencumbered from previous year		\$3,424,657	Cumulative Available Resources		\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030		
ENTITY RESOURCES					Annual Resources	\$239,538,725	(\$1,072,120)	\$12,572,297	\$13,887,067	\$15,149,897	\$71,093,752	\$13,030,590	\$14,518,115	\$15,844,315	\$17,191,035	\$67,323,775	
Unencumbered from previous year		(\$16,706,410)	Cumulative Available Resources			(\$1,720,829)	\$2,290,718	\$3,503,360	\$656,277	\$74,392	\$2,208,244	\$38,397	\$3,594,995	\$5,348,084	\$7,899,896		
ENTITY TOTAL			\$1,052,084,071	\$538,565,233	\$231,638,829	\$648,709	\$8,560,750	\$12,674,426	\$17,996,981	\$71,675,637	\$10,896,738	\$16,687,962	\$12,287,718	\$15,437,946	\$64,771,963		
HYDROGRAPHIC BASIN: Tropicana/ Flamingo			\$693,370,426	\$158,884,827	\$115,380,033	\$0	\$4,060,000	\$3,978,415	\$1,987,324	\$39,017,522	\$0	\$315,717	\$2,824,497	\$15,437,946	\$47,758,612		
SYSTEM: Tropicana Flamingo Project			\$362,797,746	\$19,573,293	\$5,697,314	\$0	\$950,000	\$0	\$0	\$0	\$0	\$0	\$330,831	\$0	\$4,416,483		
	PROJECT: Flamingo - Cimarron Branch												\$330,831		\$233,986		
	Design/Admin	FLCM 0003, 0040		\$428,816	\$4,747,314												
	Right-of-way			\$343,052													
	Construction			\$3,066,031										\$4,182,497			
	PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral																
	Design/Admin	FLOQ 0100	Design Started 04/05	\$947,732	\$950,000		\$150,000										
	Right-of-way		CLA01B04	\$758,186													
	Construction		Eng. Est.	\$6,776,287			\$800,000										
	SYSTEM: Lower Flamingo			\$241,571,216	\$107,037,196	\$47,188,352	\$0	\$3,110,000	\$3,978,415	\$987,324	\$10,711,717	\$0	\$0	\$455,839	\$1,565,792	\$26,379,265	
		PROJECT: Wagon Trail Channel - Sunset to Teco															
Design/Admin		WGTR 0111		\$176,000	\$1,845,118					\$120,642	\$82,841						
Right-of-way				\$140,800				\$160,856									
Construction				\$1,258,396				\$1,480,779									
PROJECT: Flamingo Wash, Maryland to Palos Verde																	
Design/Admin		FLWA 0621 & 0673		\$269,188	\$2,576,048					\$184,520	\$126,703						
Right-of-way				\$215,351													
Construction				\$1,924,694				\$2,264,825									
PROJECT: Flamingo Wash, Tioga to Eastern																	
Design/Admin		FLWA 0472 & 0482	Design Started 99/00	\$74,008	\$3,110,000		\$210,000										
Right-of-way			CLA04E99	\$59,206													
Construction			Eng. Est	\$529,156			\$2,900,000										
PROJECT: Las Vegas Wash - Christy																	
Design/Admin		LVCH 0000, 0114		\$1,970,430	\$21,859,769										\$1,565,792	\$1,075,177	
Right-of-way				\$1,576,344													
Construction				\$14,088,579										\$19,218,799			
PROJECT: Flamingo Wash Maryland - UNLV																	
Design/Admin		FLMR 0000		\$590,847	\$6,541,127									\$455,839		\$322,399	
Right-of-way				\$472,678													
Construction				\$4,224,557									\$5,762,889				
PROJECT: Airport Channel - Naples																	
Design/Admin		TRMC 0013, 0031	Design Started 13/14	\$328,199	\$2,748,415			\$145,611									
Right-of-way			CLA10H13	\$262,559													
Construction				\$2,346,621			\$2,602,804										
PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos																	
Design/Admin		VAVD 0000 & 0025		\$760,512	\$7,277,874					\$521,306	\$357,964						
Right-of-way				\$608,410													
Construction				\$5,437,663				\$6,398,604									
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	\$62,494,367	\$0	\$0	\$0	\$1,000,000	\$28,305,805	\$0	\$315,717	\$2,037,827	\$13,872,154	\$16,962,865		
	PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista																
	Design/Admin	LV01 0151		\$421,501	\$4,656,869							\$315,717			\$229,995		
	Right-of-way			\$337,201													
	Construction			\$3,013,735									\$4,111,157				
	PROJECT: Las Vegas Wash - Boulder Highway																
	Design/Admin	LVBH 0000		\$1,225,497	\$13,567,184								\$945,471		\$668,700		
	Right-of-way			\$980,397													
	Construction			\$8,762,304								\$11,953,013					
	PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris																
	Design/Admin	LV01 0001 thru 0135	Design Started 11/12	\$1,275,229	\$29,305,805				\$1,000,000	\$1,088,685							
	Right-of-way		CLA35A11	\$1,020,185													
	Construction		Eng. Est	\$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	\$14,964,510								\$1,092,356	\$750,085			
	Right-of-way			\$1,132,709													
	Construction			\$9,907,874							\$13,122,069						

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025						
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25	
TOTAL PLAN					Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,696
Unencumbered from previous year		\$3,424,657	Cumulative Available Resources		\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030	
ENTITY RESOURCES					Annual Resources	\$239,538,725	(\$1,072,120)	\$12,572,297	\$13,887,067	\$15,149,897	\$71,093,752	\$13,030,590	\$14,518,115	\$15,844,315	\$17,191,035	\$87,323,775
Unencumbered from previous year		(\$16,706,410)	Cumulative Available Resources			(\$1,720,829)	\$2,290,718	\$3,503,360	\$656,277	\$74,392	\$2,208,244	\$38,397	\$3,594,995	\$5,348,084	\$7,899,896	
ENTITY TOTAL			\$1,052,084,071	\$538,565,233	\$231,638,829	\$648,709	\$8,560,750	\$12,674,426	\$17,996,981	\$71,675,637	\$10,896,738	\$16,687,962	\$12,287,718	\$15,437,946	\$64,771,963	
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond			\$302,474,814	\$201,718,434	\$67,329,479	\$298,709	\$3,543,288	\$0	\$7,111,273	\$20,525,229	\$9,332,883	\$16,372,245	\$8,240,323	\$0	\$1,905,529	
SYSTEM: Blue Diamond Tributaries			\$45,918,214	\$47,534,900	\$19,901,561	\$0	\$0	\$0	\$1,155,285	\$5,870,288	\$4,635,665	\$0	\$8,240,323	\$0	\$0	
PROJECT: Blue Diamond Wash - Arville to I-15																
Design/Admin		BDWA 0278		\$503,358	\$4,816,981				\$345,035	\$236,924						
Right-of-way				\$402,686												
Construction				\$3,599,007					\$4,235,021							
PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.																
Design/Admin		DCBD 0075, 0082 & 0084		\$506,588	\$5,445,915				\$347,250		\$245,598					
Right-of-way				\$405,271				\$463,000								
Construction				\$3,622,105					\$4,390,067							
PROJECT: Blue Diamond Channel, Amigo to Rancho Destino																
Design/Admin		BDWA 0087 thru 0174		\$848,814	\$9,638,665					\$599,290			\$436,573			
Right-of-way				\$679,051				\$799,053								
Construction				\$6,069,022					\$7,803,749							
SYSTEM: Upper Duck Creek			\$66,782,047	\$74,969,770	\$39,725,616	\$298,709	\$0	\$0	\$2,114,115	\$14,654,941	\$4,697,218	\$16,372,245	\$0	\$0	\$1,588,387	
PROJECT: Duck Creek, Sunset Park																
Design/Admin		DCSP 0000		\$1,379,919	\$13,952,017				\$945,890			\$689,066				
Right-of-way				\$1,103,935												
Construction				\$9,866,422						\$12,317,060						
PROJECT: Duck Creek Jones Boulevard																
Design/Admin		DCJB 0000, 0043		\$831,705	\$1,588,387										\$680,738	
Right-of-way				\$665,364												\$907,649
Construction				\$5,946,690												
PROJECT: Silverado Ranch Detention Basin																
Design/Admin		BD02 0265, 0277, 0312	Design Started 13/14	\$442,489	\$3,822,031					\$208,274						
Right-of-way			CLA08S13	\$353,991												
Construction				\$3,071,043					\$3,613,756							
PROJECT: Blue Diamond Channel 02, I-15 to Decatur																
Design/Admin		BD02 0125, 0151, 0177 & 0359		\$1,190,960	\$11,397,125				\$816,365	\$560,570						
Right-of-way				\$952,768												
Construction				\$8,515,360					\$10,020,190							
PROJECT: Blue Diamond Wash Railroad																
Design/Admin		BDW5 0026		\$357,137	\$3,916,977					\$252,150		\$178,337				
Right-of-way				\$285,709		\$298,709										
Construction				\$2,553,531						\$3,187,781						
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones																
Design/Admin		DCW4 0298		\$513,315	\$5,049,079				\$351,860		\$248,859					
Right-of-way				\$410,652												
Construction				\$3,670,199					\$4,448,359							
SYSTEM: Lower Duck Creek			\$165,125,232	\$22,785,422	\$3,255,500	\$0	\$3,255,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Duck Creek @ Dean Martin																
Design/Admin		DCWA 1446 & 1447	Design Started 13/14	\$169,422	\$3,255,500		\$265,000									
Right-of-way			CLA08Q13	\$135,537												
Construction			Eng. Est.	\$1,211,361			\$2,990,500									
SYSTEM: Central Duck Creek			\$24,649,321	\$56,428,342	\$4,446,802	\$0	\$287,788	\$0	\$3,841,873	\$0	\$0	\$0	\$0	\$0	\$317,141	
PROJECT: Duck Creek Wash, El Camino to Rainbow																
Design/Admin		DCWA 1775, 1803, 1827		\$387,474	\$317,141										\$317,141	
Right-of-way				\$309,979												
Construction				\$2,770,438												
PROJECT: Duck Creek Haven Street																
Design/Admin		DCHV 0026, 0050, 0057		\$445,410	\$4,129,661		\$287,788		\$203,543							
Right-of-way				\$356,329												
Construction				\$3,184,684					\$3,638,330							

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

ADOPTED					FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025								
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25				
TOTAL PLAN					Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,686		
Unencumbered from previous year		\$3,424,657	Cumulative Available Resources	\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030				
ENTITY RESOURCES					Annual Resources	\$239,538,725	(\$1,072,120)	\$12,572,297	\$13,887,067	\$15,149,897	\$71,093,752	\$13,030,590	\$14,518,115	\$15,844,315	\$17,191,035	\$67,323,775		
Unencumbered from previous year		(\$16,706,410)	Cumulative Available Resources		(\$1,720,829)	\$2,290,718	\$3,503,360	\$656,277	\$74,392	\$2,208,244	\$38,397	\$3,594,995	\$5,348,084	\$7,899,896				
ENTITY TOTAL					\$1,052,084,071	\$538,565,233	\$231,638,829	\$648,709	\$8,560,750	\$12,674,426	\$17,996,981	\$71,675,637	\$10,896,738	\$16,687,962	\$12,287,718	\$15,437,946	\$64,771,963	
HYDROGRAPHIC BASIN: Outlying Areas					\$56,238,831	\$177,961,972	\$48,929,317	\$350,000	\$957,462	\$8,696,011	\$8,898,383	\$12,132,886	\$1,563,855	\$0	\$1,222,899	\$0	\$15,107,822	
SYSTEM: Goodsprings					\$64,849	\$2,701,170	\$827,881	\$0	\$0	\$827,881	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Goodsprings - Phase I																		
Design/Admin		GSEA 0000	Design Started 09/10	\$91,455	\$827,881			\$40,576										
Right-of-way		GSPA 0027 & 0029	GSP01B10	\$55,910				\$62,014										
Construction		GSRV 0019		\$653,904				\$725,291										
SYSTEM: Muddy River & Tributaries					\$11,813,000	\$104,600,000	\$18,769,596	\$350,000	\$0	\$6,286,710	\$0	\$12,132,886	\$0	\$0	\$0	\$0	\$0	
PROJECT: Fairgrounds - Detention Basin																		
Design/Admin		FGWS 0000 thru 0166	Design Started 10/11	\$757,000	\$6,636,710	\$350,000		\$342,574										
Right-of-way			MOA03A11	\$0														
Construction				\$5,254,000				\$5,944,136										
PROJECT: Bryner Avenue to Lewis																		
Design/Admin		MRLV 0198, 0240, 0268, 0276	MOA01B89	\$1,339,000	\$12,132,886					\$642,856								
Right-of-way				\$0														
Construction			Eng. Est.	\$9,573,000						\$11,490,030								
SYSTEM: Mount Charleston					\$304,564	\$894,337	\$1,017,055	\$0	\$76,790	\$0	\$940,265	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Rainbow Canyon Boulevard Bridge																		
Design/Admin		MTCH 0001		\$118,849	\$1,017,055		\$76,790	\$54,311										
Right-of-way				\$0														
Construction				\$775,488				\$885,954										
SYSTEM: Laughlin					\$33,124,938	\$58,328,851	\$16,443,942	\$0	\$880,671	\$128,643	\$0	\$0	\$1,563,855	\$0	\$1,051,294	\$0	\$12,819,479	
PROJECT: Bridge Canyon Detention Basin																		
Design/Admin		LUHS 0415, 0416 , 0417		\$1,110,088	\$10,969,128								\$856,433			\$605,726		
Right-of-way				\$0														
Construction				\$6,969,201													\$9,506,968	
PROJECT: Bridge Canyon Outfall																		
Design/Admin		LUHS 0315, 0316, 0317		\$252,575	\$2,901,646									\$194,861		\$137,819		
Right-of-way				\$0														
Construction				\$1,883,212													\$2,568,965	
PROJECT: Hiko Detention Basin Expansion																		
Design/Admin		LUHS 0244		\$193,302	\$1,692,498			\$128,643			\$93,714							
Right-of-way				\$0														
Construction				\$1,212,966							\$1,470,140							
PROJECT: SR 163 at Casino Drive																		
Design/Admin		LUBC 0000, 0001, 0005, 0006 & 0031	Design Started 08/09	\$98,081	\$880,671		\$42,248											
Right-of-way			LAU04A08	\$24,526														
Construction				\$778,578			\$838,423											
SYSTEM: Searchlight					\$1,411,509	\$3,224,834	\$3,912,724	\$0	\$0	\$1,452,777	\$0	\$0	\$0	\$0	\$171,805	\$0	\$2,288,342	
PROJECT: Searchlight - South, Encinitas St. Storm Drain																		
Design/Admin		SRSO 0000, 0010, 0021, 0030	Design Started 09/10	\$173,481	\$1,452,777			\$76,968										
Right-of-way			SEA03A09	\$0														
Construction				\$1,240,394				\$1,375,809										
PROJECT: Searchlight - West																		
Design/Admin		SRWE 0001 thru 0091		\$222,430	\$2,459,947									\$171,805		\$121,370		
Right-of-way				\$0														
Construction				\$1,588,526													\$2,166,972	
SYSTEM: Bunkerville					\$9,519,970	\$8,212,780	\$7,958,118	\$0	\$0	\$0	\$7,958,118	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Windmill Wash Detention Basin Expansion																		
Design/Admin		WIWA 0039, WIJE 0000 & JEWA 0165	Design Started 10/11	\$1,537,304	\$7,958,118				\$716,565									
Design/Admin			BUN01D11	\$0														
Construction				\$6,214,352						\$7,241,553								

EXHIBIT C

CITY OF BOULDER CITY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED					FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025						
Fac. ID Mile Range		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25		
TOTAL PLAN					Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,696
Unencumbered from previous year		\$3,424,657	Cumulative Available Resources	\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030		
ENTITY RESOURCES					Annual Resources	\$10,243,841	\$1,958,035	\$828,511	\$915,153	\$998,374	\$4,685,056	\$858,712	\$0	\$0	\$0	\$0
Unencumbered from previous year		\$927,740	Cumulative Available Resources		\$399,722	\$642,634	\$637,787	\$308,586	\$3,027,430	\$763,978	\$763,978	\$763,978	\$763,978	\$763,978		
ENTITY TOTAL		\$44,844,167	\$38,244,252	\$6,452,433	\$1,558,312	\$585,599	\$920,000	\$1,327,575	\$1,966,213	\$94,734	\$0	\$0	\$0	\$0		
HYDROGRAPHIC BASIN: Boulder City		\$44,844,167	\$38,244,252	\$6,452,433	\$1,558,312	\$585,599	\$920,000	\$1,327,575	\$1,966,213	\$94,734	\$0	\$0	\$0	\$0		
SYSTEM: Georgia/Buchanan		\$12,183,226	\$1,794,645	\$2,099,440	\$0	\$133,228	\$0	\$0	\$1,966,213	\$0	\$0	\$0	\$0	\$0		
PROJECT: Georgia Buchanan Confluence Facilities																
Design/Admin		GBGR 0003 & GBBC 0004	\$170,542	\$1,785,861		\$110,190			\$80,272							
Right-of-way			\$0													
Construction			\$1,355,802						\$1,595,399							
PROJECT: Georgia Avenue Facilities - Vaquero Drive Bridge																
Design/Admin		GBGR 0099	\$35,655	\$313,579		\$23,037			\$16,782							
Right-of-way			\$0													
Construction			\$232,647						\$273,760							
SYSTEM: Hemenway		\$13,994,969	\$1,138,062	\$2,722,458	\$22,512	\$452,372	\$920,000	\$1,327,575	\$0	\$0	\$0	\$0	\$0	\$0		
PROJECT: Hemenway System, Phase IIA Improvements																
Design/Admin		HMTH 0034, HMLM 0066 & 0085, HMWA 0158, 0173, 0175, & 0182	Design Started 09/10	\$36,551	\$920,000		\$42,000									
Right-of-way			BOU01C10	\$0												
Construction				\$259,441				\$878,000								
PROJECT: Hemenway System, Phase IIB Improvements																
Design/Admin		HMWA 0005, 0105		\$35,887	\$474,883	\$22,512	\$15,458									
Right-of-way			\$0													
Construction			\$69,980			\$436,914										
PROJECT: Hemenway System, Phase IIC Improvements																
Design/Admin		HMLV 0006 & 0019		\$67,090	\$1,327,575				\$86,851							
Right-of-way			\$0													
Construction			\$479,690					\$1,240,724								
SYSTEM: North Railroad		\$10,883,089	\$1,852,616	\$1,630,535	\$1,535,801	\$0	\$0	\$0	\$0	\$94,734	\$0	\$0	\$0	\$0		
PROJECT: North Railroad Conveyance Phase 2																
Design/Admin		NRIN 0010, 0031, 0062		\$195,394	\$1,535,801	\$204,284										
Right-of-way			\$0													
Construction			\$1,273,569			\$1,331,516										
PROJECT: Wells Drive Levee Lining																
Design/Admin		NRIN 0088		\$11,287	\$94,734					\$13,680						
Right-of-way			\$0													
Construction			\$66,875					\$81,054								

EXHIBIT C

CITY OF MESQUITE
10-YEAR CONSTRUCTION PROGRAM

ADOPTED					FIRST FIVE YEARS 7/2015 THRU 6/2020					SECOND FIVE YEARS 7/2020 THRU 6/2025						
	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18	(Year 4) FY 18/19	(Year 5) FY 19/20	(Year 6) FY 20/21	(Year 7) FY 21/22	(Year 8) FY 22/23	(Year 9) FY 23/24	(Year 10) FY 24/25		
TOTAL PLAN					Annual Resources	\$860,851,254	\$52,776,079	\$42,439,826	\$46,878,046	\$51,140,933	\$239,988,480	\$43,986,868	\$48,051,511	\$52,440,919	\$56,898,240	\$222,825,696
Unencumbered from previous year					Cumulative Available Resources	\$743,898,224	\$18,139,499	\$29,857,074	\$23,785,025	\$6,094,030	\$58,547,844	\$65,398,896	\$27,166,564	\$25,301,407	\$16,008,899	\$116,953,030
ENTITY RESOURCES					Annual Resources	\$20,227,843	\$2,675,655	\$917,130	\$1,013,040	\$1,105,162	\$5,186,179	\$950,561	\$1,059,074	\$1,155,818	\$1,254,059	\$4,911,165
Unencumbered from previous year					Cumulative Available Resources		\$2,492,099	\$3,128,630	\$3,764,579	\$1,616,390	\$2,578,908	(\$2,928,747)	(\$2,769,657)	(\$1,613,839)	(\$359,780)	\$4,551,385
ENTITY TOTAL						\$51,329,343	\$39,145,652	\$15,676,458	\$183,556	\$280,599	\$377,091	\$3,253,351	\$4,223,661	\$6,458,216	\$899,984	\$0
HYDROGRAPHIC BASIN: Mesquite						\$51,329,343	\$39,145,652	\$15,676,458	\$183,556	\$280,599	\$377,091	\$3,253,351	\$4,223,661	\$6,458,216	\$899,984	\$0
SYSTEM: Town Wash						\$22,881,796	\$10,064,098	\$10,557,440	\$0	\$280,599	\$377,091	\$0	\$4,223,661	\$5,676,089	\$0	\$0
PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash																
Design/Admin					TWMB 0000	\$425,768				\$204,412						
Right-of-way					thru 0044,	\$340,614										
Construction					TOWA 0120	\$3,348,666				\$4,019,249						
PROJECT: Town Wash Mesa Boulevard, El Dorado to Chaparral																
Design/Admin					TWMB 0052, 0084,	\$555,515	\$377,091			\$274,705						
Right-of-way					0094	\$444,412										
Construction						\$4,369,128				\$5,401,385						
SYSTEM: Virgin River						\$0	\$18,421,812	\$5,119,018	\$183,556	\$0	\$0	\$3,253,351	\$0	\$782,127	\$899,984	\$0
PROJECT: Virgin River Flood Wall																
Design/Admin					VREC 0000, 0028,	\$286,875		\$133,718								
Right-of-way					0054	\$1,210,995										
Construction						\$2,633,055		\$3,068,286								
PROJECT: Virgin River Erosion Protection, Phase I																
Design/Admin					VREC 0203, 0323,	\$73,440		\$51,348			\$37,406					
Right-of-way					0508, 0519	\$632,655				\$782,127						
Construction						\$677,409					\$862,578					

EXHIBIT D

EXHIBIT D
FISCAL YEAR 2015 - 2016
PROJECT LIST

	Facility ID Mile Range	(Year 1) FY 15/16	(Year 2) FY 16/17	(Year 3) FY 17/18
CITY OF HENDERSON	TOTAL ELIGIBLE YEAR 1	\$24,764,844		
	ENTITY TOTAL	\$12,208,000	\$0	\$12,556,844
HYDROGRAPHIC BASIN: PITTMAN		\$10,404,000	\$0	\$12,556,844
SYSTEM: Pittman Burns		\$10,404,000	\$0	\$2,853,700
PROJECT: Pittman West Horizon - Palm Hills				
Design/Admin	PTWH 0032			\$211,400
Construction				\$2,642,300
PROJECT: Pittman, Horizon Ridge Detention Basin				
Design/Admin	PTHR 0140,	\$804,000		
Construction	0203 thru 0205	\$9,600,000		
SYSTEM: Upper Pittman		\$0	\$0	\$9,703,144
PROJECT: Pittman North Detention Basin and Outfall				
Design/Admin	PTNO 0180 thru 0182,			\$658,573
Construction	& PTWA 0884			\$9,044,571
HYDROGRAPHIC BASIN: C-1		\$1,804,000	\$0	\$0
SYSTEM: C-1		\$1,804,000	\$0	\$0
PROJECT: Racetrack Channel - Drake to Burkholder				
Design/Admin	C1RT 0001 thru 0041	\$134,000		
Construction		\$1,670,000		
CITY OF LAS VEGAS	TOTAL ELIGIBLE YEAR 1	\$26,104,971		
	ENTITY TOTAL	\$3,118,571	\$7,655,363	\$15,331,037
HYDROGRAPHIC BASIN: GOWAN		\$1,002,116	\$3,703,382	\$0
SYSTEM: Gowan North		\$1,002,116	\$3,703,382	\$0
PROJECT: Gowan Box Canyon - Lone Mountain Road				
Design/Admin	GOBX 0015	\$341,638		
PROJECT: Gowan Outfall - El Capitan Branch, Lone Mtn to Ann Road				
Design/Admin	GOEC 0000 thru 0076	\$680,478		
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn				
Design/Admin	GOBU 0112, 0136		\$196,206	
Construction			\$3,507,176	
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH		\$2,116,455	\$3,951,981	\$15,331,037
SYSTEM: Ann Road		\$269,752	\$0	\$0
PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai				
Design/Admin	RCHB 0295	\$269,752		
SYSTEM: Upper Western Tributary		\$1,846,703	\$3,951,981	\$15,331,037
PROJECT: Centennial Parkway Channel West - US 95, Elkhorn to Durango				
Design/Admin	CN95 0068	\$688,776		\$487,148
Construction				\$8,707,778
PROJECT: Centennial Parkway Channel West - US 95, Durango to Grand Teton				
Design/Admin	CN95 0102, 0167	\$585,231		
PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Elkhorn				
Design/Admin	CNWE 0325 & CN85 0000	\$572,695		\$405,048
Construction				\$5,731,062
PROJECT: Brent Drainage System - Floyd Lamb Park to Durango				
Design/Admin	BRD8 0043		\$201,528	
Construction			\$3,750,453	

EXHIBIT D
FISCAL YEAR 2015 - 2016
PROJECT LIST

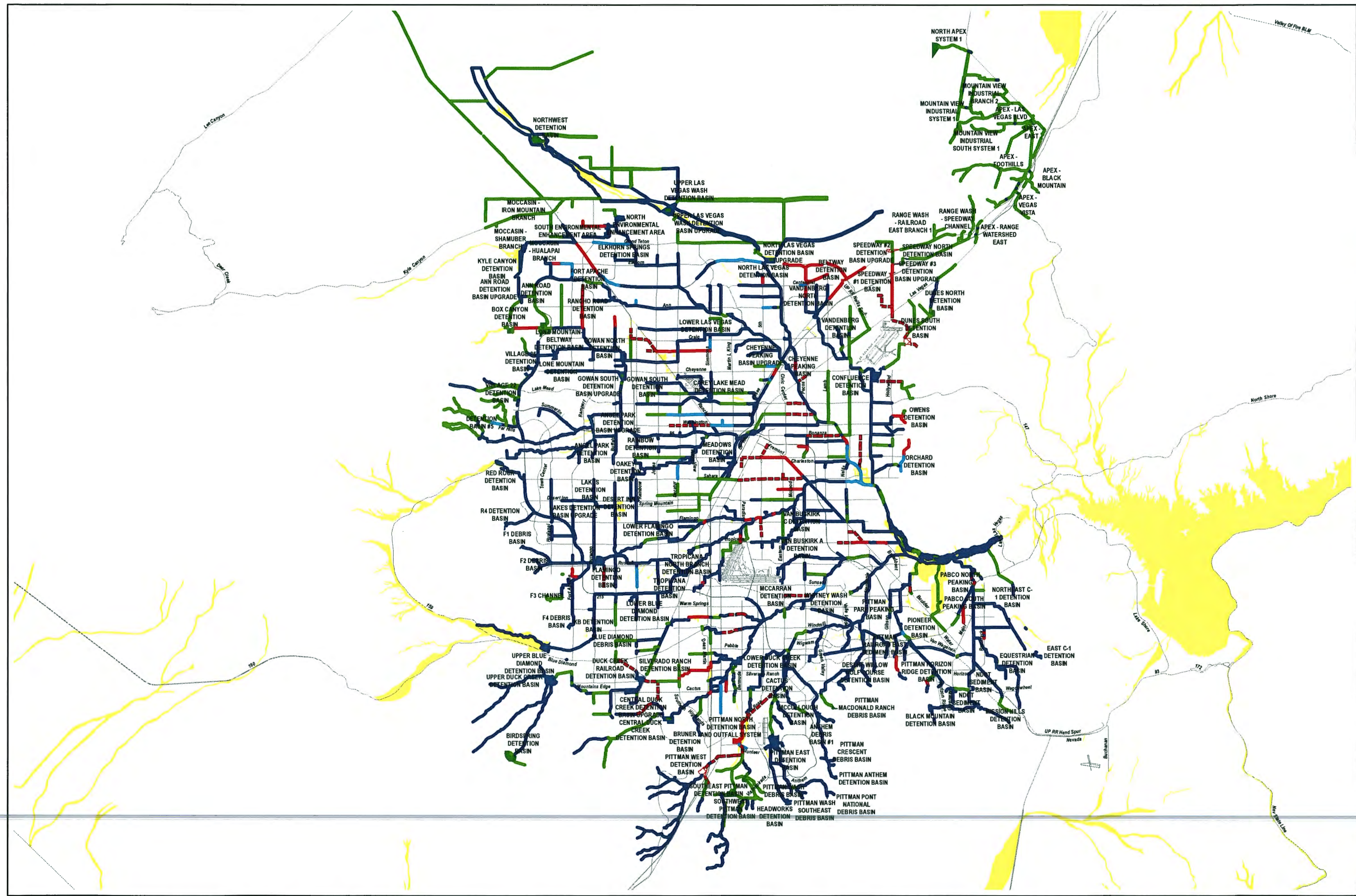
CITY OF NORTH LAS VEGAS		TOTAL ELIGIBLE YEAR 1	\$31,686,993		
		ENTITY TOTAL	\$20,344,089	\$6,842,904	\$4,500,000
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH			\$6,909,508	\$0	\$0
SYSTEM: Lower Western Tributary			\$4,687,952	\$0	\$0
PROJECT: Central Freeway Channel at Cheyenne					
	Design/Admin	LV15 0051	\$258,964		
	Construction		\$4,628,988		
SYSTEM: Cheyenne Lamb Nellis			\$2,021,556	\$0	\$0
PROJECT: Las Vegas Wash - N Channel, Cheyenne to Gowan					
	Design/Admin	LVNC 0038	\$83,124		
	Construction		\$1,938,432		
HYDROGRAPHIC BASIN: LOWER LAS VEGAS WASH			\$0	\$0	\$4,500,000
SYSTEM: Lower Las Vegas Wash			\$0	\$0	\$4,500,000
PROJECT: Las Vegas Wash - Water Reclamation Channel					
	Construction	LVMD 0609, 0640, 0647			\$4,500,000
HYDROGRAPHIC BASIN: RANGE			\$13,434,580	\$6,842,904	\$0
SYSTEM: Lower Range			\$229,499	\$0	\$0
PROJECT: Orchard Collector - Charleston to Linden					
	Design/Admin	SLOR 0158	\$14,514		
	Construction		\$214,985		
SYSTEM: West Range			\$1,531,645	\$6,842,904	\$0
PROJECT: Beltway Detention Basin & Channel					
	Design/Admin	RWRR 0107 thru 0281		\$378,936	
	Right-of-way	& RWBE 0000	\$635,800		
	Construction			\$6,463,968	
PROJECT: Vandenberg North Detention Basin, Collection & Outfall					
	Design/Admin	RWWE 0352, 0397 thru 0439	\$895,845		
SYSTEM: East Range			\$11,673,437	\$0	\$0
PROJECT: Hollywood System, Las Vegas Blvd to Centennial Parkway					
	Design/Admin	RWHW 0173, 0174, 0201, 0277	\$618,460		
	Construction		\$11,054,977		
CLARK COUNTY		TOTAL ELIGIBLE YEAR 1	\$21,390,663		
		ENTITY TOTAL	\$648,709	\$8,196,171	\$12,545,783
HYDROGRAPHIC BASIN: Tropicana/ Flamingo			\$0	\$4,060,000	\$3,978,415
SYSTEM: Tropicana Flamingo Project			\$0	\$950,000	\$0
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral					
	Design/Admin	FLOQ 0100		\$150,000	
	Construction			\$800,000	
SYSTEM: Lower Flamingo			\$0	\$3,110,000	\$3,978,415
PROJECT: Flamingo Wash, Tioga to Eastern					
	Design/Admin	FLWA 0472 & 0482		\$210,000	
	Construction			\$2,900,000	
PROJECT: Airport Channel - Naples					
	Design/Admin	TRMC 0013, 0031			\$145,611
	Construction				\$2,602,804
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.					
	Design/Admin	FLWA 0893 & 0896			\$100,000
	Construction				\$1,130,000
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond			\$298,709	\$3,255,500	\$0
SYSTEM: Upper Duck Creek			\$298,709	\$0	\$0
PROJECT: Blue Diamond Wash Railroad					
	Right-of-way	BDW5 0026	\$298,709		
SYSTEM: Lower Duck Creek			\$0	\$3,255,500	\$0
PROJECT: Duck Creek @ Dean Martin					
	Design/Admin	DCWA 1446 & 1447		\$265,000	
	Construction			\$2,990,500	
HYDROGRAPHIC BASIN: Outlying Areas			\$350,000	\$880,671	\$8,567,368
SYSTEM: Goodsprings			\$0	\$0	\$827,881
PROJECT: Goodsprings - Phase I					
	Design/Admin	GSEA 0000			\$40,576
	Right-of-way	GSPA 0027 & 0029			\$62,014
	Construction	GSRV 0019			\$725,291
SYSTEM: Muddy River & Tributaries			\$350,000	\$0	\$6,286,710
PROJECT: Fairgrounds - Detention Basin					
	Design/Admin	FGWS 0000 thru 0166	\$350,000		\$342,574
	Construction				\$5,944,136
SYSTEM: Laughlin			\$0	\$880,671	\$0
PROJECT: SR 163 at Casino Drive					
	Design/Admin	LUBC 0000, 0001, 0005, 0006 & 0031		\$42,248	
	Construction			\$838,423	
SYSTEM: Searchlight			\$0	\$0	\$1,452,777
PROJECT: Searchlight - South, Encinitas St. Storm Drain					
	Design/Admin	SRSO 0000, 0010, 0021, 0030			\$76,968
	Construction				\$1,375,809

EXHIBIT D
FISCAL YEAR 2015 - 2016
PROJECT LIST

BOULDER CITY		TOTAL ELIGIBLE YEAR 1	\$2,930,684		
		ENTITY TOTAL	\$1,558,312	\$452,372	\$920,000
HYDROGRAPHIC BASIN: Boulder City			\$1,558,312	\$452,372	\$920,000
SYSTEM: Hemenway			\$22,512	\$452,372	\$920,000
PROJECT: Hemenway System, Phase IIA Improvements					
	Design/Admin	HMTH 0034, HMLM 0066 & 0085,			\$42,000
	Construction	HMWA 0158, 0173, 0175, & 0182			\$878,000
PROJECT: Hemenway System, Phase IIB Improvements					
	Design/Admin	HMWA 0005, 0105	\$22,512	\$15,458	
	Construction			\$436,914	
SYSTEM: North Railroad			\$1,535,801	\$0	\$0
PROJECT: North Railroad Conveyance Phase 2					
	Design/Admin	NRIN 0010, 0031, 0062	\$204,284		
	Construction		\$1,331,516		
CITY OF MESQUITE		TOTAL ELIGIBLE YEAR 1	\$183,556		
		ENTITY TOTAL	\$183,556	\$0	\$0
HYDROGRAPHIC BASIN: Mesquite			\$183,556	\$0	\$0
SYSTEM: Virgin River			\$183,556	\$0	\$0
PROJECT: Virgin River Flood Wall					
	Design/Admin	VREC 0000,0028,0054	\$183,556		

MAPS

TEN-YEAR CONSTRUCTION PROGRAM LAS VEGAS VALLEY



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



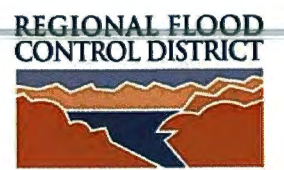
1 inch = 4.5 miles

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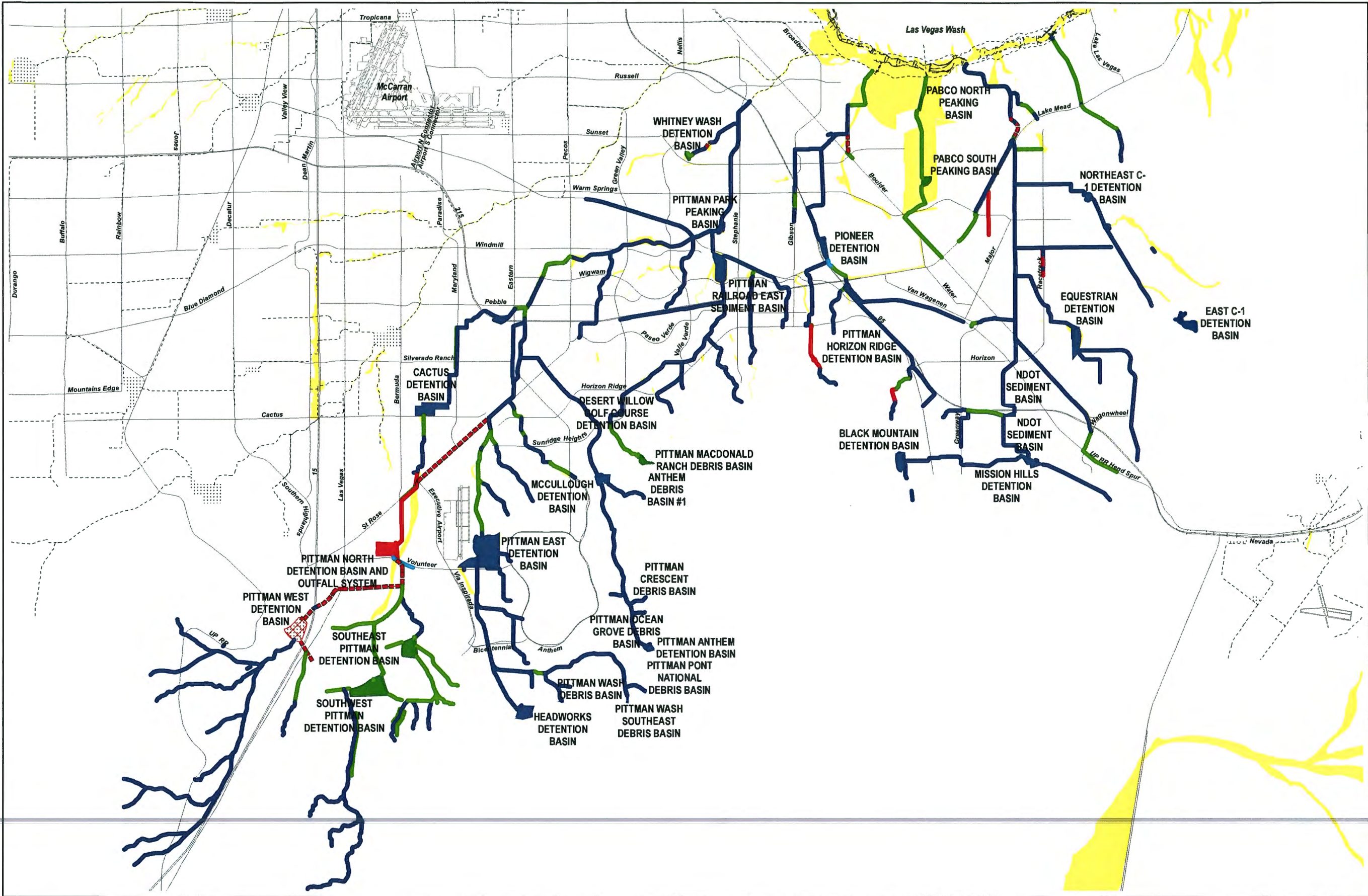
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GIS/NO
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
FEMA 2002 DIGITAL FIRM. NOT THE
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STATUS OF CLARK COUNTY REGIONAL
FLOOD CONTROL DISTRICT FACILITIES
SHOULD BE MADE TO THE DISTRICT
OFFICE AT 800 S. GRAND CENTRAL PARKWAY,
SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2015



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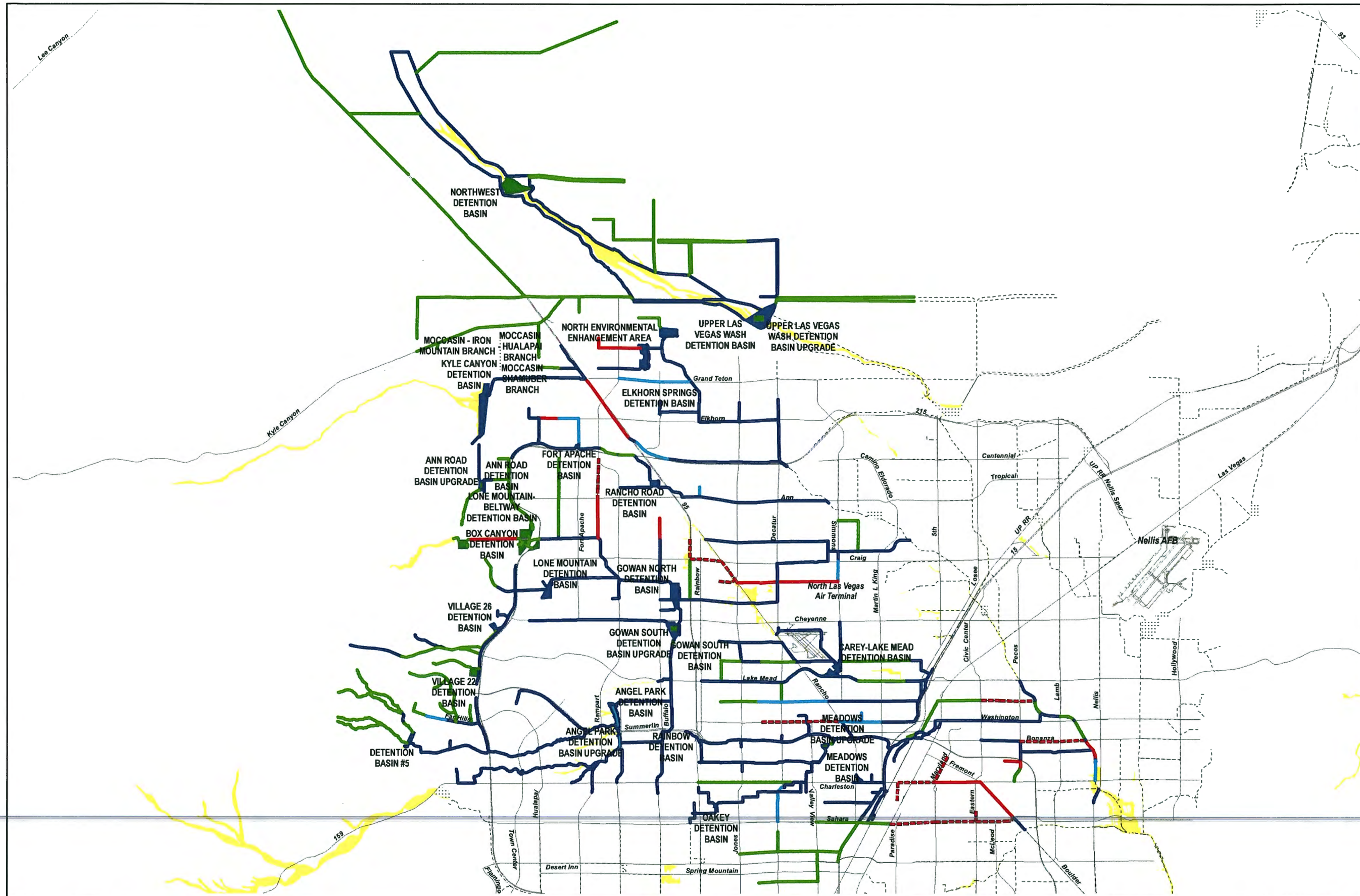
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

FLOOD INSURANCE FIRM INFORMATION:
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May, 2015



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 = 2.44 miles

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

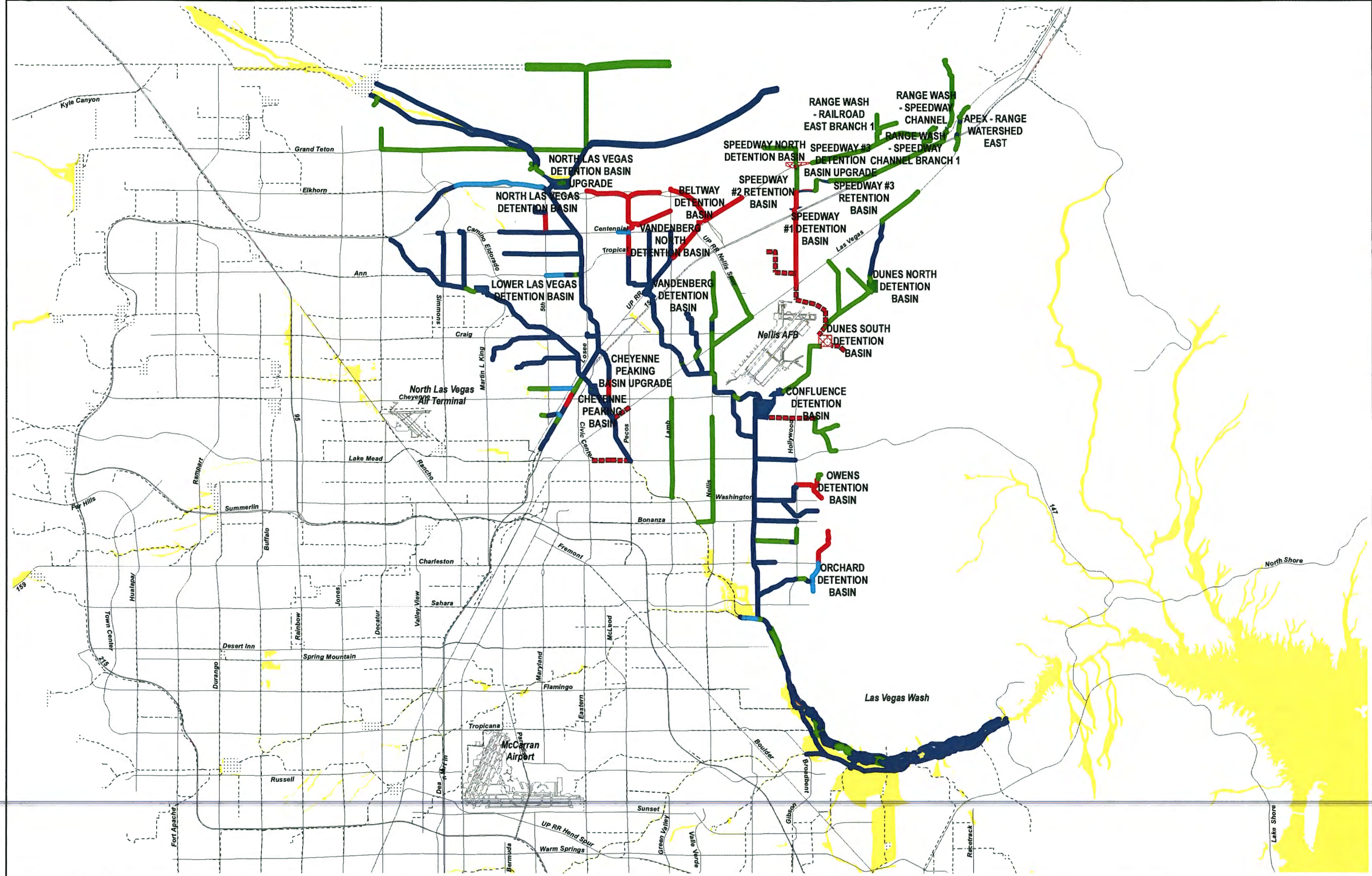
FLOOD INSURANCE (FIRM) INFORMATION:
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May, 2015



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 = 2.36 miles

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

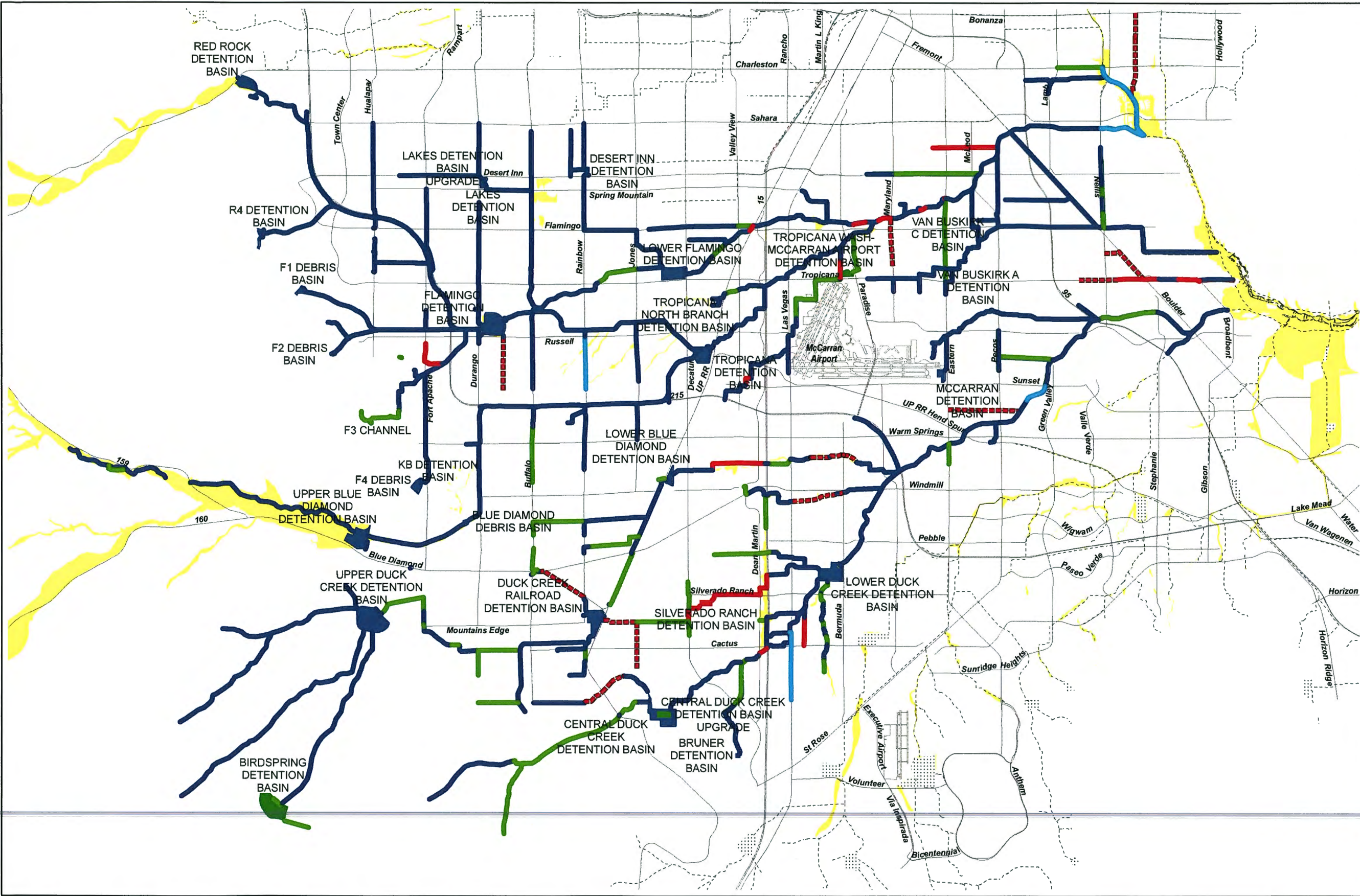
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May, 2015



TEN-YEAR CONSTRUCTION PROGRAM

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



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone

1 inch = 1.88 miles

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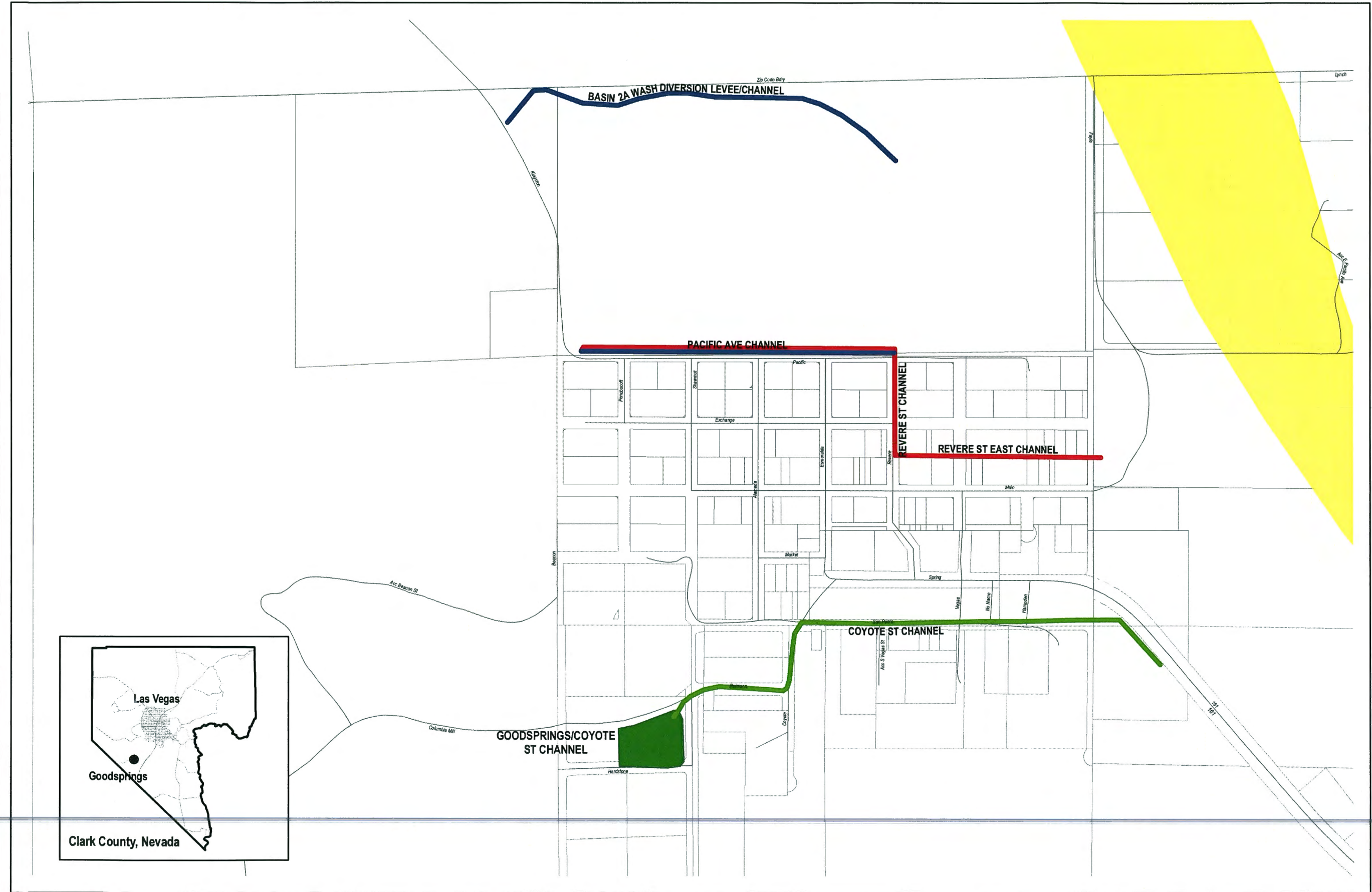
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GIS/NO
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
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May, 2015



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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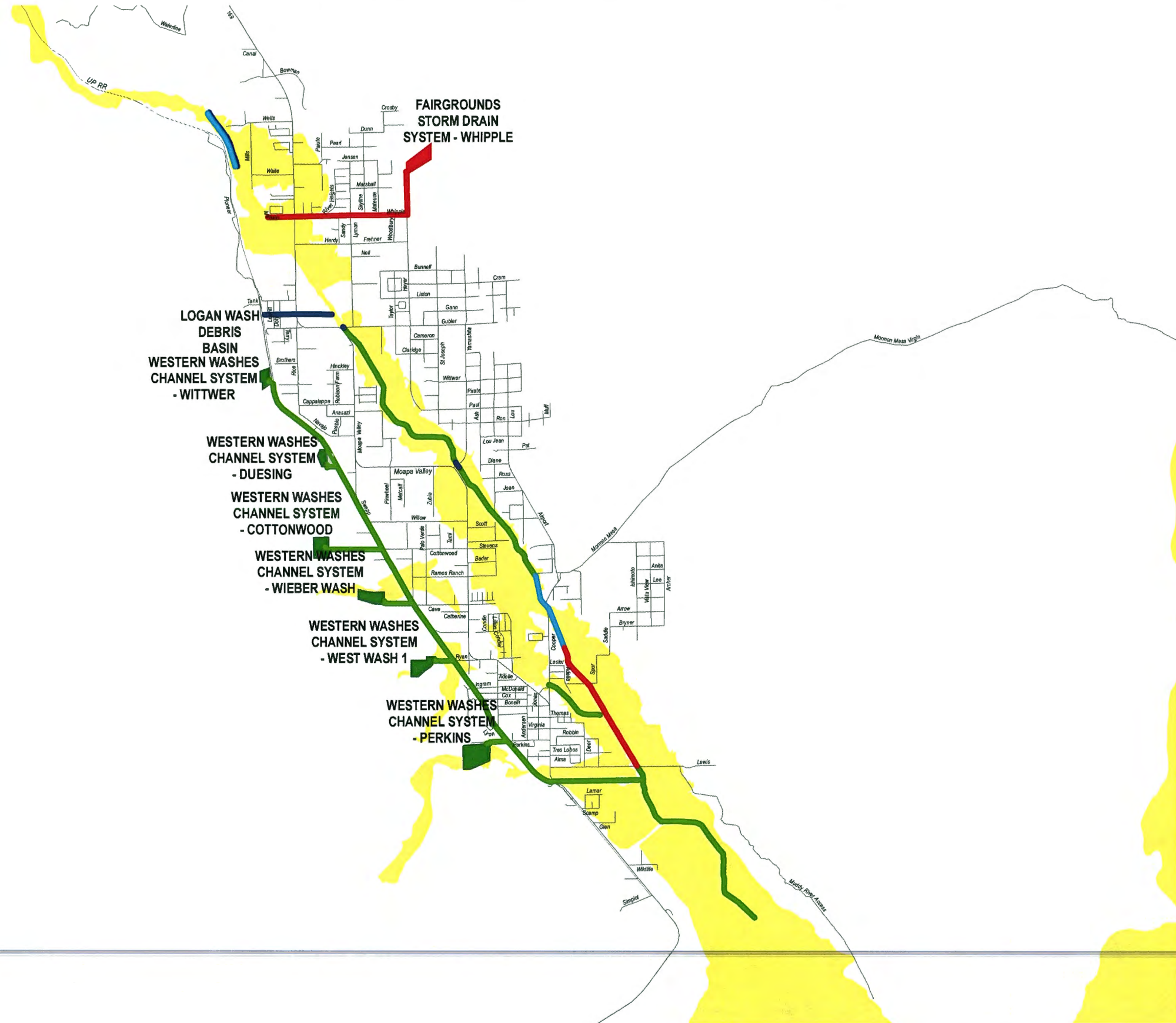
DATA SOURCES:
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CLARK COUNTY GISMO
FEMA

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

May, 2015



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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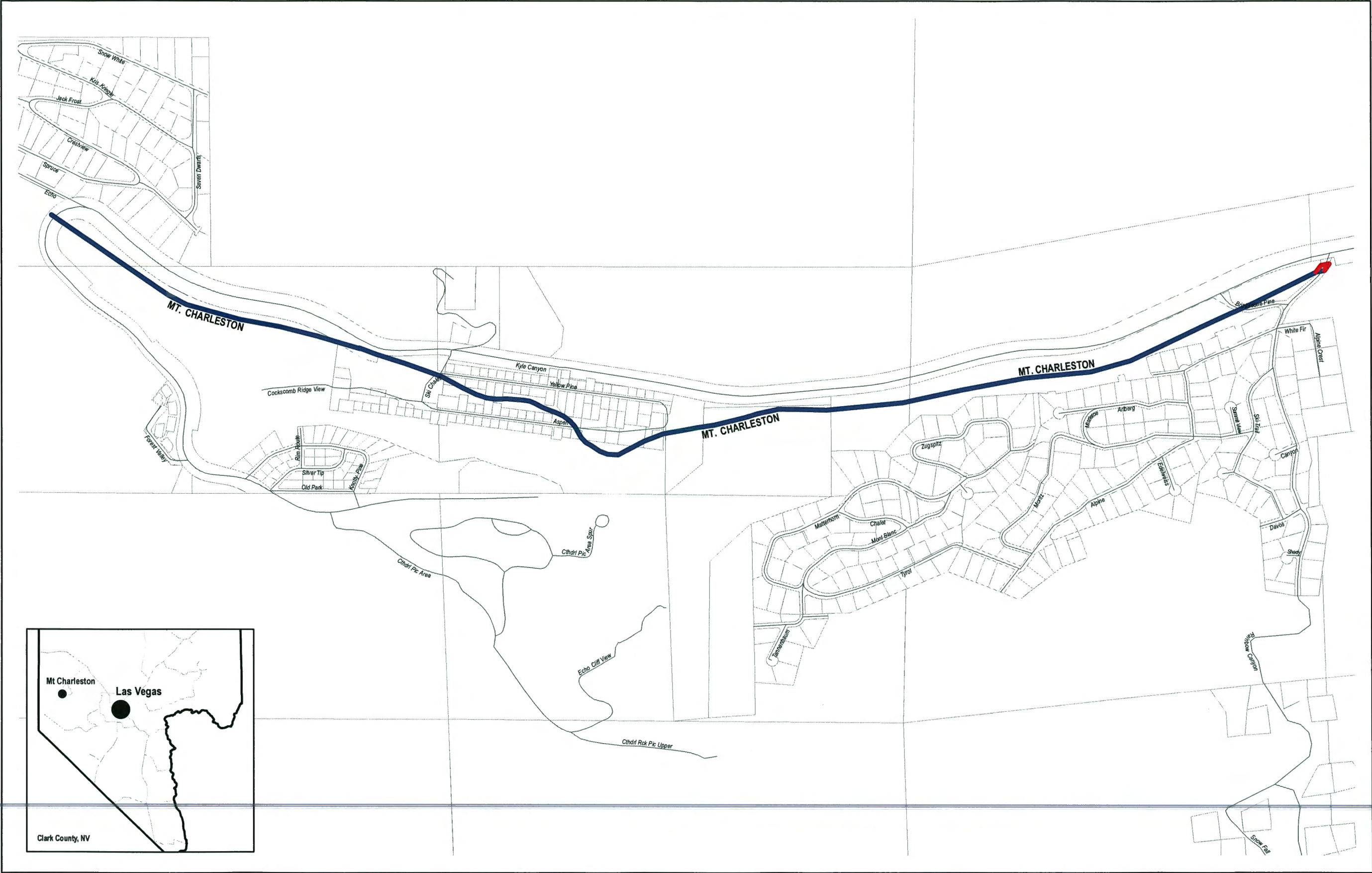
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CLARK COUNTY GISMO
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SHOULD BE MADE TO THE DISTRICT
OFFICE AT 600 S. GRAND CENTRAL PKWY,
SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2015



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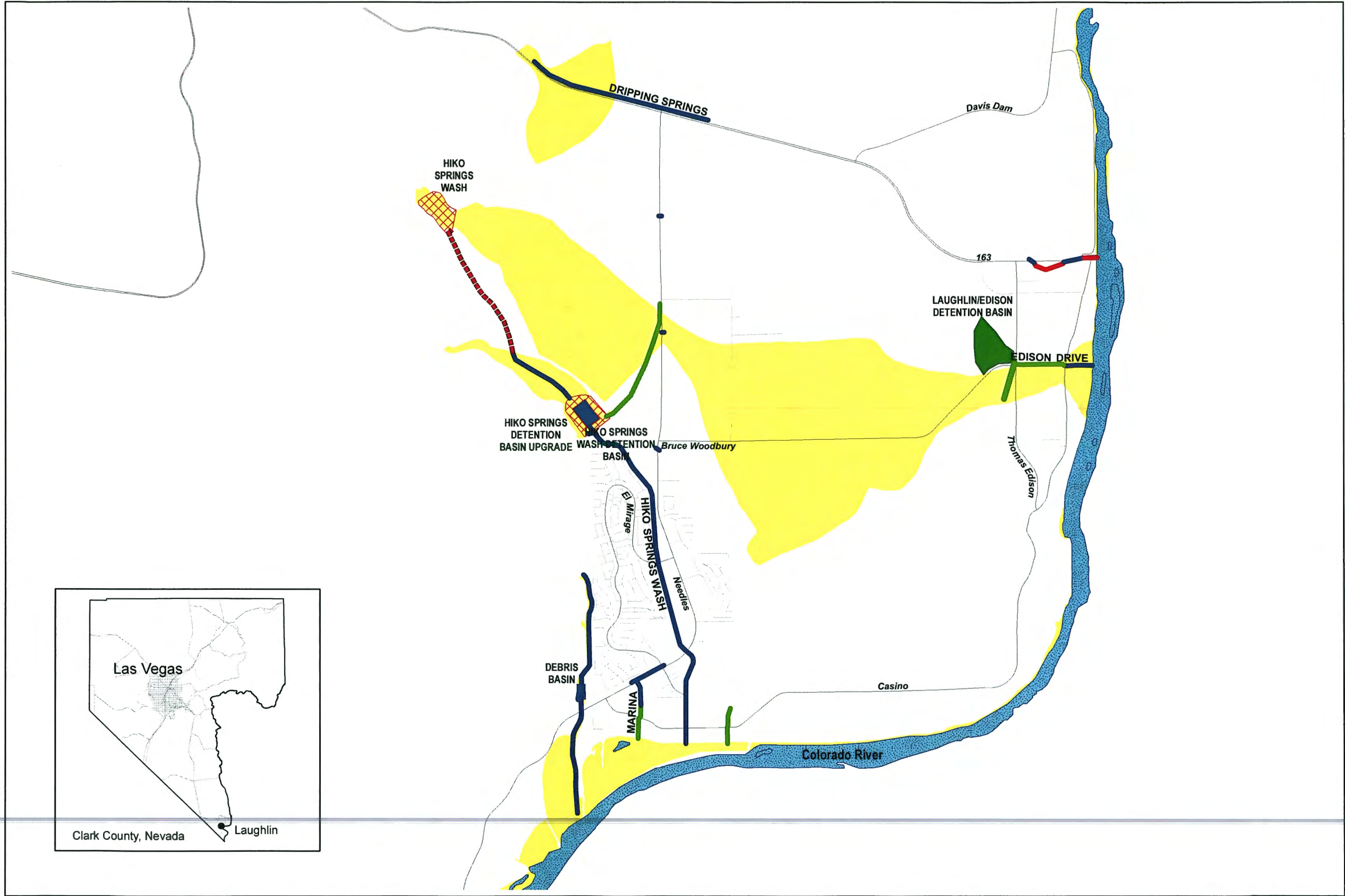
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

May, 2015



TEN-YEAR CONSTRUCTION PROGRAM
LAUGHLIN PLANNING AREA



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



1 inch = 0.7 miles

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HEREON.

DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GIS/MO
FEMA

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

May, 2015



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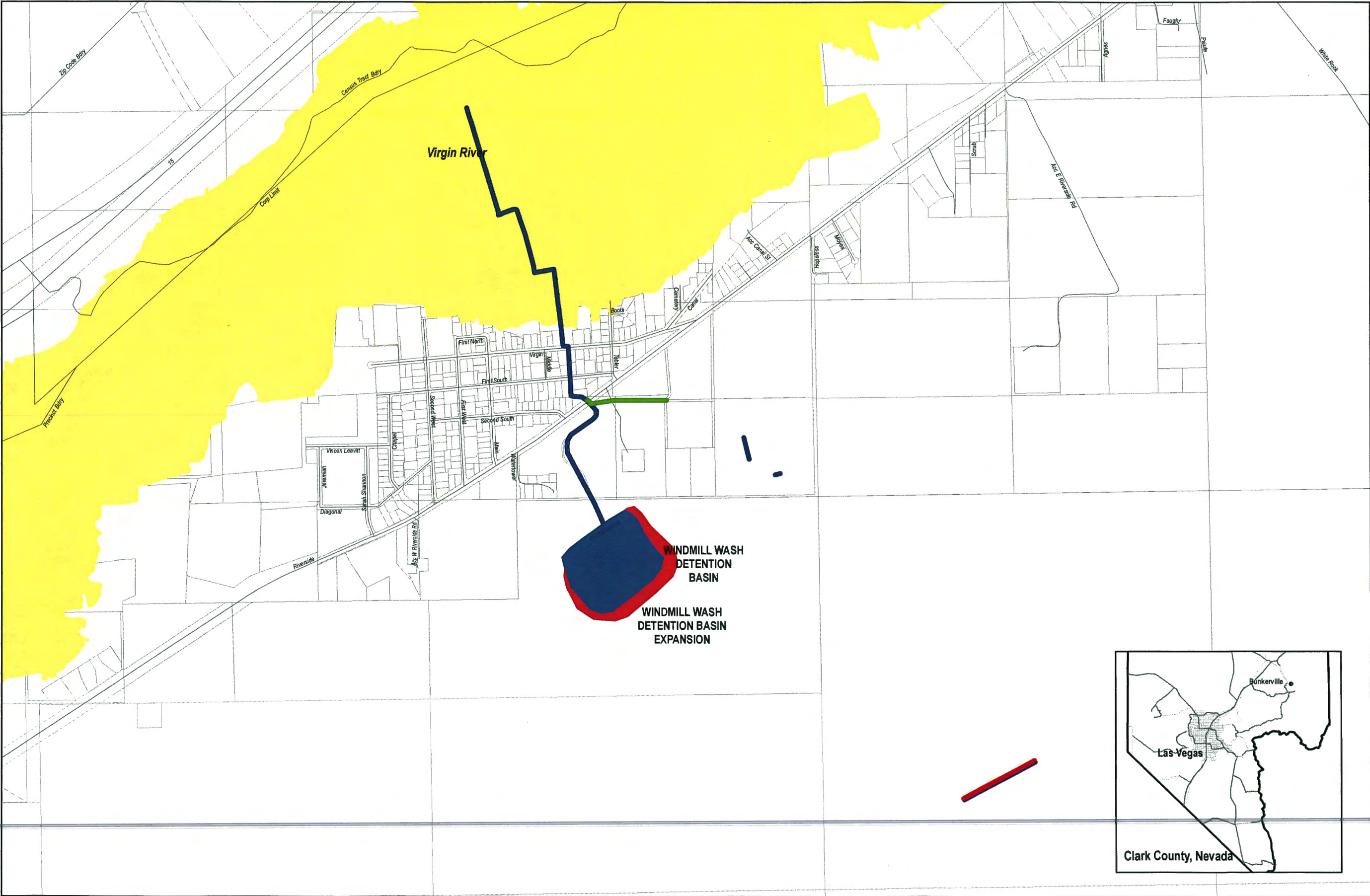
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
FEMA 2002 DIGITAL FIRM. NOT THE
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HEREON. ALL INQUIRIES INTO THE
STATUS OF CLARK COUNTY REGIONAL
FLOOD CONTROL DISTRICT FACILITIES
SHOULD BE MADE TO THE DISTRICT
OFFICE AT 600 S. GRAND CENTRAL PKWY,
SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May, 2015



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



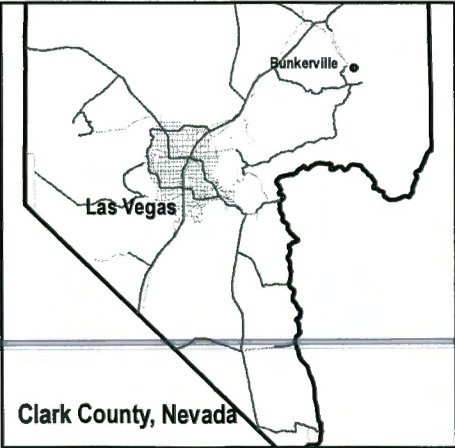
1 inch = 0.24 miles

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.

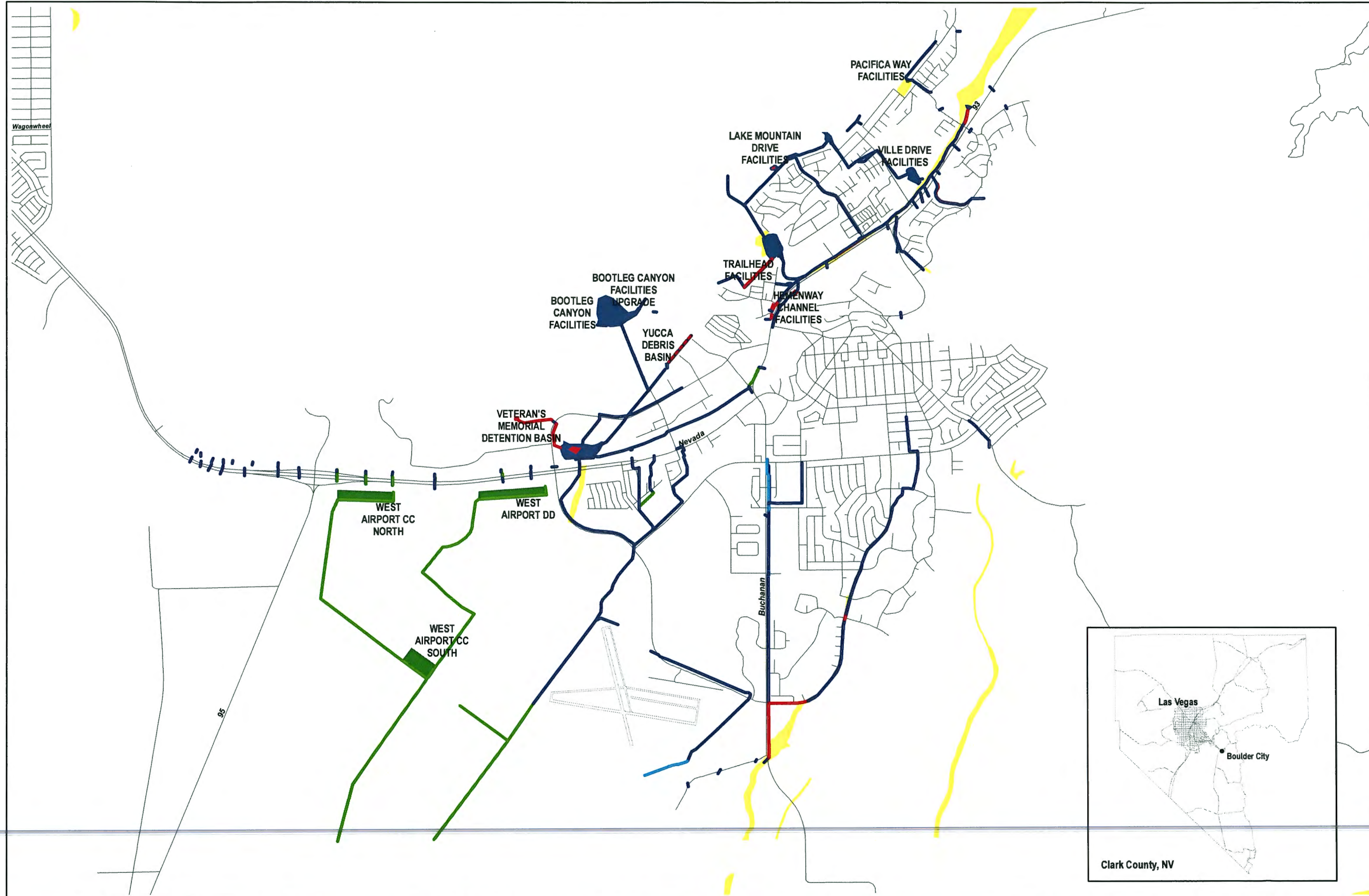
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

May, 2015



TEN-YEAR CONSTRUCTION PROGRAM BOULDER CITY PLANNING AREA



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone

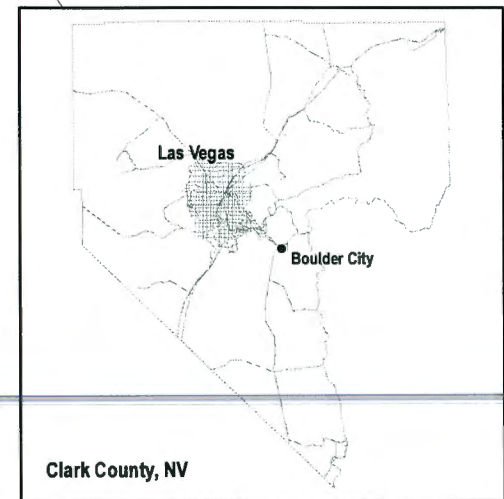
1 inch = 0.6 miles

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.

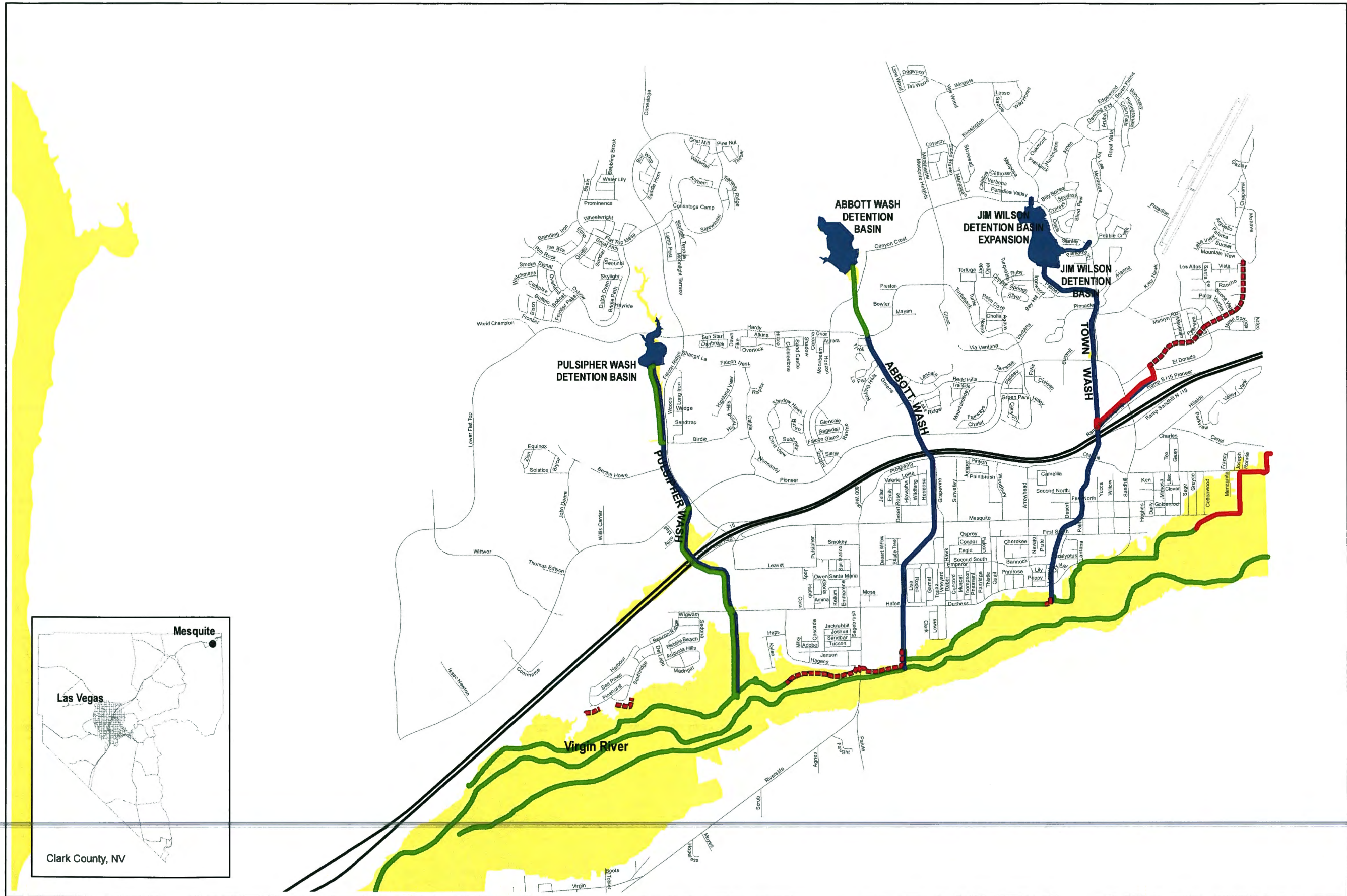
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GIS/D
FEMA

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 605 S. GRAND CENTRAL PKWY, SUITE 300, LAS VEGAS, NEVADA 89108-4511.

May, 2015



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

May, 2015

