

TEN-YEAR CONSTRUCTION PROGRAM

REGIONAL FLOOD CONTROL DISTRICT



**FISCAL YEAR 2017
THROUGH
FISCAL YEAR 2026**

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

**ADOPTED
JUNE 9, 2016**

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

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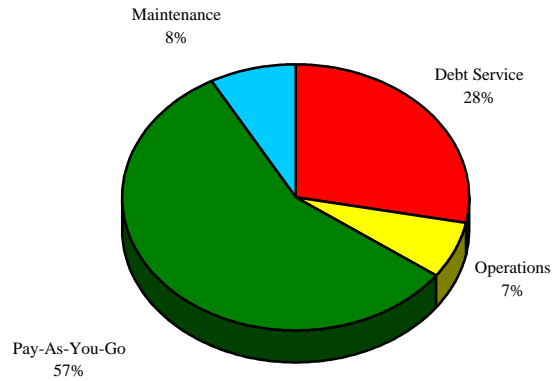
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Capital Improvement Program

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 9, 2016, for Fiscal Year 2016-17. 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 ¼% 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 ¼% Sales Tax Revenues were received and projected through the end of June 2016, the District has received over \$1,635,746,665 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 \$1,699,335,340 in projects through May 2016.

FISCAL YEAR 2017 THROUGH FISCAL YEAR 2026 TYCP

The TYCP is an estimate of when funding will be requested. Available revenues for the TYCP are estimated to be \$901,545,815. 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 3.1% growth rate from prior

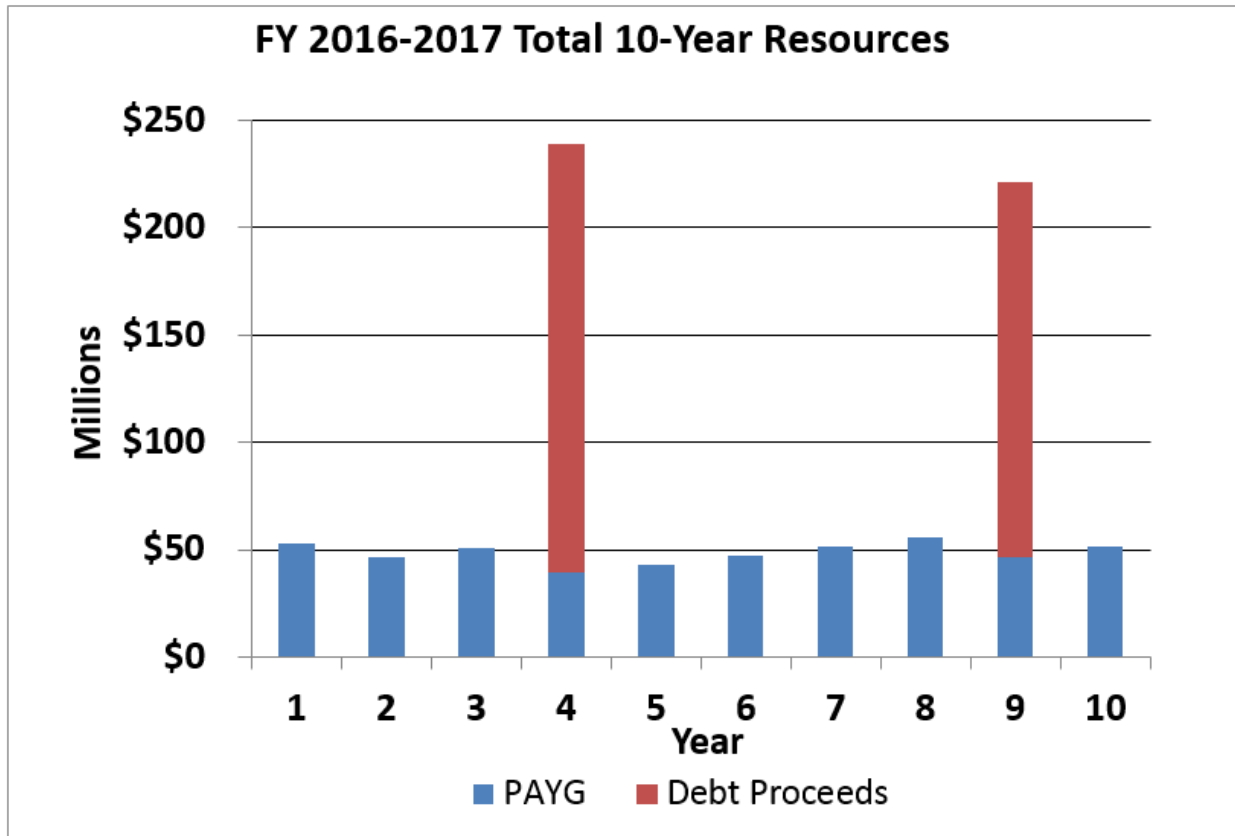
REGIONAL FLOOD CONTROL DISTRICT – FY 2017 THROUGH FY 2026

years' revised budget (\$94,223,000), a 5.5% growth rate for Year 2, a 4.3% growth rate for Year 3, a 4.2% growth rate for Year 4 and Year 5, a 4.1% growth rate for Year 6 and Year 7, and a 4.0% growth rate for Year 8, 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: 4.0% per year for FY 2016-17 and FY 2017-18, and 3.0% 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 2017 THROUGH FY 2026

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 2016-17 are: \$195,887,575 for Fund 4430 and \$21,988,479 for Fund 4440 which includes previously approved and new projects planned for FY 2016-17.

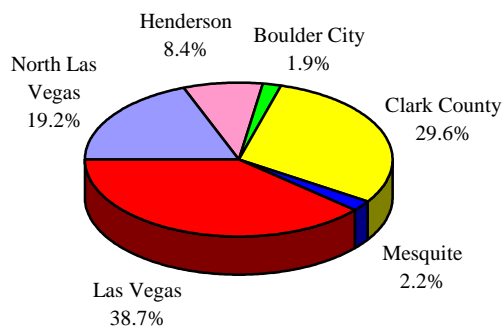
REGIONAL FLOOD CONTROL DISTRICT – FY 2017 THROUGH FY 2026

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 May 19, 2016; 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 2017 THROUGH FY 2026

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 602 miles of channel and underground storm drains, of which 129 miles are natural washes, are inspected and/or maintained throughout Clark County, along with 91 detention basins.

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

Fiscal Year	Factor	TYCP MWP Funding Projection	
2017	Approved Budget	\$	8,000,000
2018	25%	\$	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
2026	0.0%	\$	10,000,000
Total estimated maintenance over 10 years		\$	98,000,000

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 fifteenth 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 2018.)

In FY 2014, the District funded in the City of Las Vegas, Buckskin Avenue Storm Drain (estimated completion date of December 2019.)

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

In FY 2016, the District funded in the City of Henderson, Appaloosa Storm Drain (estimated completion date of June 2017) and in the City of North Las Vegas, Oak Island Storm Drain (estimated completion date of June 2017.)

REGIONAL FLOOD CONTROL DISTRICT – FY 2017 THROUGH FY 2026

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

Fiscal year	Factor	TYCP Local Drainage Budget Projection	
2017	Approved Budget	\$	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
2026	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 \$865,436,614 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 48% 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:

Appaloosa Storm Drain, Local Drainage Project

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

Center Street Storm Drain

Duck Creek, Sunset to Sandhill

Gibson Channel Culvert at Sunset Road

Henderson (continued)

Gibson Conveyance System

East C-1 Detention Basin

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

Equestrian Detention Basin and Collection Channel

Equestrian Detention Basin Expansion

Equestrian Detention Basin Outfall – Heritage Channel

Equestrian Tributary, Phase II

Horizon Ridge Detention Basin

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

Palm Hills Channel

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 North Detention Basin and Outfall, Phase 2 – Starr Avenue

Henderson (continued)

Pittman Park Detention Basin

A joint use recreation facility

Pittman Park Peaking Basin Modification

Pittman Pecos West Conveyance and Eastern Avenue Tributary

Pittman Railroad East Conveyance

Pittman Railroad, MacDonald Ranch Channel

Pittman Wash

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

Pittman Wash – Burns

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

Racetrack Channel – Drake to Burkholder

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 \$198,843,319.

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

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 24/25. The TYCP includes approximately \$6.9 million for this project.

Henderson (continued)

Pittman Beltway – Anthem Parkway Channel – Horizon Ridge to Sienna Heights (PV = 99.0)

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$0.80 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 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 \$14.5 million for this project.

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

PTNO 0180 through 0182 – This project consists of a 600 acre-foot detention basin, spillway, and 72" reinforced concrete outfall pipe to St. Rose Parkway at the Executive Airport. Design is underway. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$8.2 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 \$4.5 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 \$8.9 million for this project.

C-1 – C-1 Channel, SNWA Drop Structure to Lake Mead (PV = 84.5)

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 \$5.3 million for this project.

The funding programmed for the C-1 Channel and Pittman Wash Planning Areas in Henderson totals approximately \$55.6 million on the TYCP.

LAS VEGAS

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

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

Alta Parallel System

Alta Storm Drain

Part of the Meadows Detention Basin Collection System

Angel Park Detention Basin Expansion

Angel Park Outfall Storm Drain

Vegas Drive between Angel Park Detention Basin and the Buffalo Channel

Ann Road Channel West – Rainbow Boulevard

Ann Road Detention Basin Facilities

Brent Drainage System – Floyd Lamb Park to Durango Drive

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

Las Vegas (continued)

Cheyenne Crossings

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

Colorado Avenue System

Clark County is the Lead Entity

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

Durango Drive Storm Drain

Between Charleston Boulevard and Angel Park Detention Basin

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

Las Vegas (continued)

Gowan North Channel – Phases I & II

Northern Gowan Detention Basin to Durango including the Durango Branch

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

Gowan Outfall, Craig Road to Channel

North Las Vegas is the Lead Entity

Gowan Outfall – Lone Mountain Branch, Decatur Boulevard to Channel

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

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

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 (continued)

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

Las Vegas Wash – Jones Boulevard, Elkhorn Road to Farm Road

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

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

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

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)

Las Vegas (continued)

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

Peak Drive System (Jones Boulevard to Michael Way)

Rampart Storm Drain

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

Rancho Detention Basin, Phase II

Rancho Road System: Durango Drive US-95 Interchange

Rancho Road System – El Campo Grande Storm Drain

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 \$617,820,964.

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 = 84.0)

LV15 0602 – This project consists of dual 66” diameter reinforced concrete pipes in Washington Avenue extending from Michael Way to just west of Valley View Boulevard. Design is programmed in FY 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$7.3 million for this project.

Las Vegas (continued)

Central – Freeway Channel – Washington, Rancho Drive to Valley View Boulevard (PV = 86.0)

LV15 0528 – This project consists of an 8' x 7' reinforced concrete box culvert in Washington Avenue extending from just west of Valley View Boulevard to Rancho Drive. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$7.4 million for this project.

Central – Las Vegas Wash – Stewart to Bonanza (PV = 88.0)

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 – Meadows – Charleston, Essex to Lindell (PV = 82.0)

MECN 0000, 0061 – This project consists of a 9' x 8' reinforced concrete box culvert in Charleston Avenue extending from Essex Drive to Lindell Road. Design is programmed in FY 20/21 and construction funding is programmed in FY 23/24. The TYCP includes approximately \$9.6 million for this project.

Central – Meadows – Charleston, Lindell to Rainbow (PV = 75.5)

MECN 0123, 0223 – This project consists of an 8' x 7' reinforced concrete box culvert in Charleston Avenue extending from Lindell Road to Rainbow Boulevard. Design is programmed in FY 21/22 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$13.2 million for this project.

Central – Cedar Avenue Channel Improvements (PV = 87.5)

CACN 0001, 0035 and CNST 0000 – This project consists of a 10' x 9' reinforced concrete box culvert in Pecos Road extending from Stewart Avenue to the Cedar Avenue Channel, and an 8' x 7' reinforced concrete box culvert in Stewart Avenue from Mojave Road to Pecos Road. Design is underway. 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 = 83.0)

LVOE 0000 – This project consists of a 15' x 12' reinforced concrete box culvert in Owens Avenue from Mojave Road to Las Vegas Wash. Design is programmed in FY 19/20 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$16.4 million for this project.

Central – Owens Avenue East – Mojave Road to Eastern Avenue (PV = 81.5)

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

Las Vegas (continued)

21/22 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$8.6 million for this project.

Central – Boulder Highway Sahara Avenue – Eastern to Boulder Highway (PV = 78.0)

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 21/22. Construction funding is programmed in FY 24/25. The TYCP includes approximately \$17.8 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 21/22. Construction funding is programmed in FY 24/25. The TYCP includes approximately \$3.4 million for this project.

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 21/22. Construction funding is programmed in FY 24/25. The TYCP includes approximately \$16.3 million for this project.

Central – Boulder Highway Sahara Avenue – LV Blvd to Maryland Parkway (PV = 75.5)

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 22/23. Construction funding is programmed in FY 25/26. The TYCP includes approximately \$23.9 million for this project.

Central – Flamingo – Boulder Highway North, Charleston – Main to Boulder Highway (PV = 86.5)

FLBN 0167, 0180, 0205, 0281 and 0312 – This project consists of a reinforced concrete box culvert ranging in size from 7' x 4' to dual 10' x 6' in Charleston Boulevard from Main Street to Boulder Highway. Design is programmed in FY 16/17. Construction will take place in two phases with funding for both phases programmed in FY 19/20. The TYCP includes \$16.8 million for this project.

Central – Flamingo – Boulder Highway North – Boulder Highway, Sahara to Charleston (PV = 90.0)

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 underway. Construction funding is programmed in FY 18/19. The TYCP includes \$17.2 million for this project.

Las Vegas (continued)

Central – Flamingo Wash – Maryland Parkway System (PV = 85.0)

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 16/17 and construction funding is programmed in FY 19/20. The TYCP includes \$5.9 million for this project.

Central – Las Vegas Wash – Bonanza – Las Vegas Wash to Lamb Boulevard (PV = 81.5)

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 20/21 and construction funding is programmed in FY 23/24. The TYCP includes approximately \$12.0 million for this project.

Central – Las Vegas Wash – Bonanza – Lamb to Pecos (PV = 78.5)

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 \$17.9 million for this project.

Central – Flamingo – Boulder Highway North, Main Street (PV = 81.0)

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 \$3.4 million for this project.

Gowan North – Gowan Box Canyon – Lone Mountain Road (PV = 90.0)

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 underway and construction funding is programmed in FY 18/19. The TYCP includes approximately \$4.8 million for this project.

Gowan North – Gowan Outfall – Alexander Rd., Allen to Simmons (PV = 89.0)

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 \$11.9 million for this project.

Gowan North – Gowan Outfall – Alexander Rd., Decatur to Allen (PV = 87.5)

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

Las Vegas (continued)

Boulevard to Allen Street. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$18.8 million for this project.

Gowan North – El Capitan Branch, Lone Mountain to Ann Road (PV = 90.5)

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 underway and construction funding is programmed in FY 17/18. The TYCP includes approximately \$9.0 million for this project.

Gowan Outfall – Clayton Branch (PV = 79.5)

GOCL 0000 – This project consists of 9' x 8' reinforced concrete box culvert in Clayton Street from Gowan Outfall Channel to Washburn Road and in Washburn Road from Clayton Street to Simmons Street. Design is programmed in FY 23/24. The TYCP includes approximately \$1.1 million for this project.

Gowan North – Gowan Outfall – El Capitan Branch, Ann Road to Centennial (PV = 80.5)

GOEC 0100 through 0176 – This project consists of 78" reinforced concrete pipe storm drain and a 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 \$9.3 million for this project.

Gowan North – Gowan – Alexander Road, Rancho to Decatur (PV = 87.5)

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 = 86.5)

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 21/22. The TYCP includes approximately \$7.6 million for this project.

Gowan North – Gowan – Alexander Branch (PV = 86.0)

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 19/20 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$3.5 million for this project.

Las Vegas (continued)

Gowan North – Gowan – Craig and US-95 (PV = 85.0)

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 \$10.7 million for this project.

Gowan North – Buffalo Branch, Lone Mountain to Washburn (PV = 92.0)

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 \$6.6 million for this project.

Upper Northern LV Wash – Rancho Road System – Elkhorn, Grand Canyon to Hualapai Way (PV = 89.5)

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

Upper Northern LV Wash – Centennial Parkway Channel West – US 95, CC 215 to Durango Drive (PV = 90.5)

CNWE 0325 and CN95 0000, 0068 – This project includes 32' x 10' and triple barrel 8' x 7' reinforced concrete box culvert, and open channel improvements along the west side of US-95 from the Deer Springs Way alignment to Durango Drive. Design is underway and construction funding is programmed in FY 17/18. The TYCP includes approximately \$15.6 million for this project.

Upper Northern LV Wash – Centennial Parkway Channel West – US 95, Durango Drive to Grand Teton (PV = 90.0)

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 underway and construction funding is programmed in FY 18/19. The TYCP includes approximately \$8.2 million for this project.

Upper Northern LV Wash – Brent Drainage System – Durango Drive to El Capitan Way (PV = 89.0)

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 \$6.6 million for this project.

REGIONAL FLOOD CONTROL DISTRICT – FY 2017 THROUGH FY 2026

Las Vegas (continued)

The funding programmed for the Upper Northern Las Vegas Wash, Central Basin and Gowan Planning Areas in Las Vegas totals approximately \$339.1 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

Las Vegas Wash – “N” Channel, Cheyenne to Gowan

Las Vegas Wash, Water Reclamation Channel

Clark County is the Lead Entity

Lower Las Vegas Wash Detention Basin

A joint use recreation facility

Oak Island Drive Storm Drain Improvements, Local Drainage Project

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

North Las Vegas (continued)

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

Vandenberg Detention Basin

Washington Collection System

Clark County is the Lead Entity

West Range Wash Diversion Dike

Western Tributary of the Las Vegas Wash

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

Western Tributary of the Las Vegas Wash

From Alexander Road to north of Craig Road

District funds since 1987 for the projects plus design efforts on future projects total approximately \$269,042,845.

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 16/17. The TYCP includes approximately \$5.1 million for this project.

Lower Northern Las Vegas Wash – North Las Vegas Detention Basin Upgrade (PV = 75.0)

LVUP 0406 – This project will expand the existing North Las Vegas Detention Basin by approximately 780 acre-feet. Design is programmed in FY 20/21 and construction funding is programmed in FY 23/24. The TYCP includes approximately \$4.8 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 \$5.0 million for this project.

North Las Vegas (continued)

Lower Northern Las Vegas Wash – Lake Mead Drain to Las Vegas Wash (PV = 77.0)

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 \$11.2 million for this project.

Lower Northern Las Vegas Wash – Las Vegas Boulevard Drain (PV = 72.5)

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 24/25. The TYCP includes approximately \$9.8 million for this project.

Range – Lower Range – Range Wash – Alto Conveyance, Confluence DB to Los Feliz (PV = 71.5)

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 \$4.9 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 16/17. The TYCP includes approximately \$0.24 million for this project.

Range – Lower Range – Owens Detention Basin & Outfall (PV = 79.5)

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 \$5.7 million for this project.

Range – Lower Range – Range Wash – Sloan Channel, Stewart Bridge (PV = 68.5)

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 and construction funding is programmed in FY 16/17. The TYCP includes approximately \$7.6 million for this project.

Range – West Range – Las Vegas Boulevard Storm Drain (PV = 68.0)

SLLV 0000, 0119, 0176, & SLNL 0000 – This project includes a 12’ x 6’ and 12’ x 7’ reinforced concrete box culvert in Range Road from Pease Drive to Las Vegas Boulevard, 12’ x 10’ reinforced concrete box culvert in Las Vegas Boulevard from Range Road to Nellis Boulevard, and double 12’ x 11’ reinforced concrete box culvert in Nellis Boulevard from Las Vegas Boulevard to the Range Wash – Sloan Channel. Design is programmed in FY 23/24 and Right-of-Way Acquisition are programmed in FY 24/25. Construction funding is programmed in FY 25/26. The TYCP includes approximately \$51.9 million for this project.

Range – West Range – Range Wash – Beltway Conveyance (PV = 77.0)

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 underway and construction funding is programmed in FY 18/19. The TYCP includes approximately \$12.1 million for this project.

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

RWWE 0463 and RWBW 0000 – This project consists of a 12’ x 9’ and a 9’ x 6’ reinforced concrete box culvert located along the north side of the Northern Beltway at Pecos Road. Design is programmed in FY 16/17 and construction funding is

North Las Vegas (continued)

programmed in FY 19/20. The TYCP includes approximately \$6.4 million for this project.

Range – East Range – Hollywood System, Dunes South Detention Basin to Centennial Parkway (PV = 93.0)

RWHW 0000 thru 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, and gabion and concrete lined open channel improvements within Nellis Airforce Base from Las Vegas Boulevard to future Dunes South Detention Basin. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$17.8 million for this project.

Range – East Range – Range Wash – Dunes South Detention Basin (PV = 75.0)

RWEA 0163, 0164, 0165, 0166 & 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 \$13.6 million for this project.

Range – East Range – Range Wash – Ann Branch (PV = 79.5)

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 16/17. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$13.3 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 19/20. The TYCP includes approximately \$6.1 million for this project.

Range – East Range – Speedway North Detention Basin and Outfall (PV = 73.0)

RWHW 0459, 0498, 0499, and 0500 – This project consists of an 843 acre-feet detention basin, spillway and outlet structure and 72" reinforced concrete pipe 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 \$12.3 million for this project.

REGIONAL FLOOD CONTROL DISTRICT – FY 2017 THROUGH FY 2026

North Las Vegas (continued)

The funding programmed for the Lower Northern Las Vegas Wash, Range Wash, and Lower Las Vegas Wash Planning Areas in North Las Vegas totals approximately \$190.8 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 at Boulder Highway

Flamingo Wash, Algonquin Drive to Maryland Parkway

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

Flamingo Wash Bridges
At Arville, Eastern, Paradise, and Palo Verde

Flamingo Wash, Desert Inn to Eastern Avenue

Flamingo Wash, Eastern Avenue

Flamingo Wash, I-515 to Boulder Highway

Flamingo Wash, Nellis Boulevard to I-515

Flamingo Wash, Spencer Street Bridge and Approach Channel

Clark County (continued)

Hickam Avenue Storm Drain, Local Drainage Project

Lakes Detention Basin, Collection, and Outfall System

A joint use recreation facility

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

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

Clark County (continued)

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

Toiyabe Street Storm Drain, Local Drainage Project

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

Tomiyasu and La Casita Crossings of Duck Creek

Tropicana North Branch Detention Basin

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)**

Clark County (continued)

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

Tropicana Wash Channel
Paradise Road to Koval Lane

Upper Flamingo Detention Basin and Outfall System

Van Buskirk Channel System

Washington/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

Clark County (continued)

Muddy River, Gubler Avenue Bridge

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 \$561,272,435.

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 – Blue Diamond – Buffalo Branch (PV = 71.5)

BDBF 0010, 0076, 0125 – This project consists of a 10' x 6' reinforced concrete box culvert and concrete open channel improvements along the Buffalo Drive alignment from West Mesa Verde Lane to Badura Avenue. Design is programmed in FY 23/24 and construction funding is programmed in FY 25/26. The TYCP includes approximately \$9.1 million for this project.

Tropicana/Flamingo – Flamingo – Cimarron Branch (PV = 73.0)

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 \$4.8 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 \$1.9 million for this project.

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

FLWA 0621 and 0673 – This project consists of open channel improvements from Maryland Parkway to Cambridge Street and from Swenson Street to Palos Verde Street. Design is programmed in FY 18/19 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$2.6 million for this project.

Clark County (continued)

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

LVCH 0000, 0114 – This project consists of a 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 \$22.3 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 \$6.7 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 \$2.8 million for this project.

Tropicana/Flamingo – Vegas Valley Drive – Flamingo Wash to Pecos (PV = 72.0)

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 23/24 and construction funding is programmed in FY 25/26. The TYCP includes approximately \$8.8 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 \$1.4 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 a 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 \$13.8 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 \$15.3 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 \$4.9 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 \$5.6 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 \$9.8 million for this project.

Clark County (continued)

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

DCSP 0000 – This project consists of an 11' x 6' reinforced concrete box culvert from Duck Creek Wash to Eastern Avenue. Design is programmed in FY 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$14.2 million for this project.

Duck Creek/Blue Diamond – Duck Creek Jones Boulevard (PV = 91.0)

DCJB 0000, 0043 – This project consists of 7' x 6' and 12' x 6' reinforced concrete box culvert from Irvin Avenue to Pyle Avenue to be constructed as part of Regional Transportation Commission of Southern Nevada *Jones – Cactus to Blue Diamond* project. Design is programmed in FY 16/17 and construction funding is programmed in FY 18/19. The TYCP includes approximately \$2.7 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash Pebble (PV = 91.5)

BDW4 0000 – This project consists of an 8' x 6' reinforced concrete box culvert in Pebble Road from Rainbow to Bronco Street, in Bronco Street from Pebble Road to Torino Avenue and in Torino Avenue from Bronco Street to the Union Pacific Railroad. The facility will be designed and constructed as part of the Regional Transportation Commission of Southern Nevada *Jones – Blue Diamond to Windmill Lane* project. Right-of-way acquisition and construction funding are programmed in FY 17/18. The TYCP includes approximately \$2.3 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 \$3.9 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 \$11.6 million for this project.

Clark County (continued)

Duck Creek/Blue Diamond – Blue Diamond Channel 02, Decatur – Pyle to Richmar (PV = 92.0)

BD02 0334, 0358 and 0359 – This project consists of reinforced concrete box culvert ranging in size from 8' x 6' to 12' x 5' within Decatur Boulevard from Pyle Avenue to Richmar Avenue. The facility will collect runoff from the west and discharge to the future Silverado Ranch Detention Basin. The facility will be designed and constructed as part of the Regional Transportation Commission of Southern Nevada *Decatur, Cactus to Warm Springs* project. Construction funding is programmed in FY 16/17. The TYCP includes approximately \$6.3 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash Railroad (PV = 79.0)

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 16/17 and design is programmed in FY 19/20. Construction funding is programmed in FY 22/23. The TYCP includes approximately \$4.1 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 construction funding is programmed in FY 20/21. The TYCP includes approximately \$5.2 million for this project.

Duck Creek/Blue Diamond – Duck Creek @ Dean Martin Drive (PV = 92.0)

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 = 91.5)

DCWA 1775, 1803, and 1827 – This Developer Participation project consists of open channel improvements in Duck Creek Wash from El Camino Road to Rainbow Boulevard. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$0.60 million for this project.

Duck Creek/Blue Diamond – Duck Creek Haven Street (PV = 91.0)

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 \$4.2 million for this project.

Clark County (continued)

The funding programmed for the Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Areas in Clark County (Las Vegas Valley) totals approximately \$203.2 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 (Whipple Street)

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 16/17. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$9.9 million for this project.

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 \$11.2 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

Clark County (continued)

programmed in FY 22/23 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$3.0 million for this project.

Laughlin – Hiko Detention Basin Expansion

LUHS 0244 – This project consists of the expansion of the Hiko Springs Detention Basin by 310 acre-feet to accommodate diversion of the Bridge Canyon flow. Design is programmed in FY 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 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 19/20. The TYCP includes approximately \$8.4 million for this project.

The TYCP for the Outlying Areas of Clark County totals approximately \$53.0 million.

In all, among the Tropicana/Flamingo, Duck Creek, Blue Diamond, and Outlying Planning Areas, Clark County has programmed approximately \$256.2 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 \$27,874,147.

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 18/19 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 17/18 and construction funding is programmed in FY 20/21. 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 16/17. The TYCP includes approximately \$2.6 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. Construction funding is programmed in FY 17/18. 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 19/20. The TYCP includes approximately \$1.3 million for this project.

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.

Boulder City (continued)

North Railroad – North Railroad Conveyance

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 19/20. The TYCP includes approximately \$1.6 million for this project.

The funding programmed for Boulder City totals approximately \$8.2 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 \$24,481,631.

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 \$4.6 million for this project.

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

TWMB 0052, 0084, 0094 – This project consists of a 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 \$6.2 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 underway and construction funding is programmed in FY 18/19. The TYCP includes approximately \$2.9 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 \$15.4 million on the TYCP.

Fiscal Year 2017 Project List

The first year of the TYCP comprises the recommended FY 2017 Project List. It should be noted that construction and right-of-way funds programmed in FY 2018 and FY 2019 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 \$44.0 million. Projects eligible for funding in FY 2017 total \$175.6 million. These projects will be primarily funded from the estimated quarter percent Sales Tax Revenues. Projected revenue for the first year is \$95.5 million. Determining funding eligibility according to this policy allows for full expenditure of available resources annually in the event that some projects should suffer unexpected delays.

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

The projects eligible for funding in FY 2017 are as follows:

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

Pittman Beltway – Anthem Parkway Channel – Horizon Ridge to Sienna Heights (PV = 99.0)

PTAP 0018 – This project consists of a concrete channel from Horizon Ridge Parkway to Sienna Heights Drive. Construction funding is programmed in FY 18/19. FY 2017 eligible funding is approximately \$0.80 million for this project.

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

PTNO 0180 through 0182 – This project consists of a 600 acre-foot detention basin, spillway, and 72” reinforced concrete outfall pipe to St. Rose Parkway at the Executive Airport. Design is underway. Construction funding is programmed in FY 18/19. FY 2017 eligible funding is approximately \$8.2 million for this project.

Total Programmed First Year: \$ 0
Total Eligible First Year: \$8,983,931

FY 2017 Project List (continued)

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

Central – Freeway Channel – Washington, Rancho Drive to Valley View Boulevard (PV = 86.0)

LV15 0528 – This project consists of an 8' x 7' reinforced concrete box culvert in Washington Avenue extending from just west of Valley View Boulevard to Rancho Drive. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. FY 2017 eligible funding is approximately \$0.50 million for this project.

Central – Flamingo – Boulder Highway North, Charleston – Main to Boulder Highway (PV = 86.5)

FLBN 0167, 0180, 0205, 0281 and 0312 – This project consists of a reinforced concrete box culvert ranging in size from 7' x 4' to dual 10' x 6' in Charleston Boulevard from Main Street to Boulder Highway. Design is programmed in FY 16/17. Construction will take place in two phases with funding for both phases programmed in FY 19/20. FY 2017 eligible funding is approximately \$1.1 million for this project.

Central – Flamingo – Boulder Highway North – Boulder Highway, Sahara to Charleston (PV = 90.0)

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 underway. Construction funding is programmed in FY 18/19. FY 2017 eligible funding is approximately \$17.2 million for this project.

Central – Flamingo Wash – Maryland Parkway System (PV = 85.0)

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 16/17 and construction funding is programmed in FY 19/20. FY 2017 eligible funding is approximately \$0.40 million for this project.

Gowan North – Gowan Box Canyon – Lone Mountain Road (PV = 90.0)

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 underway and construction funding is programmed in FY 18/19. FY 2017 eligible funding is approximately \$4.8 million for this project.

Gowan North – Gowan Outfall – Alexander Rd., Allen to Simmons (PV = 89.0)

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. FY 2017 eligible funding is approximately \$0.70 million for this project.

FY 2017 Project List (continued)

Gowan North – Gowan Outfall – Alexander Rd., Decatur to Allen (PV = 87.5)

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. FY 2017 eligible funding is approximately \$1.3 million for this project.

Gowan North – El Capitan Branch, Lone Mountain to Ann Road (PV = 90.5)

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 underway and construction funding is programmed in FY 17/18. FY 2017 eligible funding is approximately \$9.0 million for this project.

Gowan North – Buffalo Branch, Lone Mountain to Washburn (PV = 92.0)

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 2017 eligible funding is approximately \$6.6 million for this project.

Upper Northern LV Wash – Rancho Road System – Elkhorn, Grand Canyon to Hualapai Way (PV = 89.5)

RCHB 0295 – This project consists of a 7' x 6' reinforced concrete box culvert in Elkhorn Road from Hualapai Way to Grand Canyon Drive. Design is underway. Construction funding is programmed in FY 18/19. FY 2017 eligible funding is approximately \$3.8 million for this project.

Upper Northern LV Wash – Centennial Parkway Channel West – US 95, CC 215 to Durango Drive (PV = 90.5)

CNWE 0325 and CN95 0000, 0068 – This project includes 32' x 10' and triple barrel 8' x 7' reinforced concrete box culvert, and open channel improvements along the west side of US-95 from the Deer Springs Way alignment to Durango Drive. Design is underway and construction funding is programmed in FY 17/18. FY 2017 eligible funding is approximately \$15.6 million for this project.

Upper Northern LV Wash – Centennial Parkway Channel West – US 95, Durango Drive to Grand Teton (PV = 90.0)

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 underway and construction funding is programmed in FY 18/19. FY 2017 eligible funding is approximately \$8.2 million for this project.

FY 2017 Project List (continued)

Upper Northern LV Wash – Brent Drainage System – Durango Drive to El Capitan Way (PV = 89.0)

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. FY 2017 eligible funding is approximately \$0.40 million for this project.

Total Programmed First Year: \$10,998,058

Total Eligible First Year: \$69,578,842

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 16/17. FY 2017 eligible funding is approximately \$5.1 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. FY 2017 eligible funding is approximately \$5.0 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 16/17. FY 2017 eligible funding is approximately \$0.20 million for this project.

Range – Lower Range – Owens Detention Basin & Outfall (PV = 79.5)

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

FY 2017 Project List (continued)

programmed in FY 17/18. Construction funding is programmed in FY 19/20. FY 2017 eligible funding is approximately \$0.90 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 and construction funding is programmed in FY 16/17. FY 2017 eligible funding is approximately \$7.6 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 underway and construction funding is programmed in FY 18/19. FY 2017 eligible funding is approximately \$12.1 million for this project.

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

RWWE 0463 and RWBW 0000 – This project consists of a 12’ x 9’ and a 9’ x 6’ reinforced concrete box culvert located along the north side of the Northern Beltway at Pecos Road. Design is programmed in FY 16/17 and construction funding is programmed in FY 19/20. FY 2017 eligible funding is approximately \$0.40 million for this project.

Range – East Range – Hollywood System, Dunes South Detention Basin to Centennial Parkway (PV = 93.0)

RWHW 0000 thru 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, and gabion and concrete lined open channel improvements within Nellis Airforce Base from Las Vegas Boulevard to future Dunes South Detention Basin. Design is underway. Construction funding is programmed in FY 17/18. FY 2017 eligible funding is approximately \$17.8 million for this project.

Range – East Range – Range Wash – Ann Branch (PV = 79.5)

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 16/17.

REGIONAL FLOOD CONTROL DISTRICT – FY 2017 THROUGH FY 2026

FY 2017 Project List (continued)

Construction funding is programmed in FY 19/20. FY 2017 eligible funding is approximately \$1.9 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 19/20. FY 2017 eligible funding is approximately \$0.90 million for this project.

Total Programmed First Year: \$17,221,596
Total Eligible First Year: \$51,899,786

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 2017 eligible funding is approximately \$1.0 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 2017 eligible funding is approximately \$2.8 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 2017 eligible funding is approximately \$1.4 million for this project.

Duck Creek/Blue Diamond – Duck Creek Jones Boulevard (PV = 91.0)

DCJB 0000, 0043 – This project consists of 7’ x 6’ and 12’ x 6’ reinforced concrete box culvert from Irvin Avenue to Pyle Avenue to be constructed as part of Regional Transportation Commission of Southern Nevada *Jones – Cactus to Blue Diamond*

FY 2017 Project List (continued)

project. Design is programmed in FY 16/17 and construction funding is programmed in FY 18/19. FY 2017 eligible funding is approximately \$0.50 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash Pebble (PV = 91.5)

BDW4 0000 – This project consists of an 8' x 6' reinforced concrete box culvert in Pebble Road from Rainbow to Bronco Street, in Bronco Street from Pebble Road to Torino Avenue and in Torino Avenue from Bronco Street to the Union Pacific Railroad. The facility will be designed and constructed as part of the Regional Transportation Commission of Southern Nevada *Jones – Blue Diamond to Windmill Lane* project. Right-of-way acquisition and construction funding are programmed in FY 17/18. FY 2017 eligible funding is approximately \$2.3 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Channel 02, Decatur – Pyle to Richmar (PV = 92.0)

BD02 0334, 0358 and 0359 – This project consists of reinforced concrete box culvert ranging in size from 8' x 6' to 12' x 5' within Decatur Boulevard from Pyle Avenue to Richmar Avenue. The facility will collect runoff from the west and discharge to the future Silverado Ranch Detention Basin. The facility will be designed and constructed as part of the Regional Transportation Commission of Southern Nevada *Decatur, Cactus to Warm Springs* project. Construction funding is programmed in FY 16/17. FY 2017 eligible funding is approximately \$6.3 million for this project.

Duck Creek/Blue Diamond – Blue Diamond Wash Railroad (PV = 79.0)

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 16/17 and design is programmed in FY 19/20. Construction funding is programmed in FY 22/23. FY 2017 eligible funding is approximately \$0.30 million for this project.

Duck Creek/Blue Diamond – Duck Creek @ Dean Martin Drive (PV = 92.0)

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 2017 eligible funding is approximately \$3.3 million for this project.

Duck Creek/Blue Diamond – Duck Creek Wash, El Camino to Rainbow (PV = 91.5)

DCWA 1775, 1803, and 1827 – This Developer Participation project consists of open channel improvements in Duck Creek Wash from El Camino Road to Rainbow Boulevard. Construction funding is programmed in FY 17/18. FY 2017 eligible funding is approximately \$0.60 million for this project.

FY 2017 Project List (continued)

Duck Creek/Blue Diamond – Duck Creek Haven Street (PV = 91.0)

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. FY 2017 eligible funding is approximately \$4.2 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 2017 eligible funding is approximately \$0.80 million for this project.

Muddy River and Tributaries – Fairgrounds – Detention Basin (Whipple Street)

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 16/17. Construction funding is programmed in FY 17/18. FY 2017 eligible funding is approximately \$9.9 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. FY 2017 eligible funding is approximately \$1.0 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 2017 eligible funding is 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

REGIONAL FLOOD CONTROL DISTRICT – FY 2017 THROUGH FY 2026

FY 2017 Project List (continued)

funding is programmed in FY 17/18. FY 2017 eligible funding is approximately \$1.5 million for this project.

Clark County (Las Vegas Valley) Programmed First Year: \$11,621,415
Clark County (Las Vegas Valley) Eligible First Year: \$24,804,345

Clark County (Outlying Areas) Programmed First Year: \$ 1,316,757
Clark County (Outlying Areas) Eligible First Year: \$14,143,266

Total Programmed First Year: \$12,938,172
Total Eligible First Year: \$38,947,611

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 16/17. FY 2017 eligible funding is approximately \$2.6 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. Construction funding is programmed in FY 17/18. FY 2017 eligible funding is approximately \$0.40 million for this project.

Total Programmed First Year: \$2,558,252
Total Eligible First Year: \$3,015,173

Mesquite:

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. FY 2017 eligible funding is approximately \$0.30 million for this project.

FY 2017 Project List (continued)

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 underway and construction funding is programmed in FY 18/19. FY 2017 eligible funding is approximately \$2.9 million for this project.

Total Programmed First Year: \$ 283,323

Total Eligible First Year: \$3,158,027

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	0.5		
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	4	4	4	4	3	3	3	3	3	2	99.0	
	20.0	18.0	16.0	14.0	9.0	7.5	6.0	4.5	3.0	1.0		
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights												
PTAP 0018	4	4	4	4	3	3	3	3	3	2	99.0	
	20.0	18.0	16.0	14.0	9.0	7.5	6.0	4.5	3.0	1.0		
PROJECT: Whitney Wash Channel												
WWDC 0069	4	3	4	2	3	4	3	3	4	3	91.5	
	20.0	13.5	16.0	7.0	9.0	10.0	6.0	4.5	4.0	1.5		
PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer												
PTNO 0000 thru 0073	4	4	4	3	3	2	3	2	3	3	92.0	
	20.0	18.0	16.0	10.5	9.0	5.0	6.0	3.0	3.0	1.5		
PROJECT: Pittman North Detention Basin to Larson Lane												
PTSD 0000 thru 0043	3	4	3	3	3	2	4	3	2	2	65.0	
	15.0	18.0	12.0	10.5	9.0	5.0	8.0	4.5	2.0	1.0		
PROJECT: Galleria to Boulder Hwy.												
PTSU 0000 & 0023	3	3	3	3	3	3	4	3	3	3	84.5	
	15.0	13.5	12.0	10.5	9.0	7.5	8.0	4.5	3.0	1.5		
PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.												
PTLA 0000 thru 0126	3	4	3	3	3	2	4	2	3	2	84.5	
	15.0	18.0	12.0	10.5	9.0	5.0	8.0	3.0	3.0	1.0		
PROJECT: Pittman West Detention Basin & Outfall												
PTLA 0127 thru 0141 & 0181 thru 0221	3	3	3	3	2	2	3	3	3	3	77.0	
	15.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	3.0	1.5		
HYDROGRAPHIC BASIN: C-1												
PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead												
C1CH 0161 & 0173	4	3	3	3	3	3	2	3	2	3	84.5	
	20.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	2.0	1.5		

EXHIBIT B

Project Prioritization

Priority Factor and Weight												Priority Value
Pop	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority		
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5	Value		
CITY OF LAS VEGAS												
HYDROGRAPHIC BASIN: CENTRAL												
PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston												
FLBN 0038	4	4	3	3	3	3	3	3	1	3	90.0	
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	4.5	1.0	1.5		
PROJECT: Las Vegas Wash - Stewart to Bonanza												
LVMD 1121 & 1149	4	4	3	3	3	3	2	3	1	2	88.0	
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	3.0	1.0	1.0		
PROJECT: Cedar Avenue Channel Improvements												
CACN 0001 & 0035, CNST 0000	4	4	3	3	3	2	2	3	3	3	87.5	
	20.0	18.0	12.0	10.5	9.0	5.0	4.0	4.5	3.0	1.5		
PROJECT: Flamingo - Boulder Hwy North, Charleston - Main to Boulder Hwy												
FLBN 0167, 0180, 0205, 0281, 0312	4	4	3	3	3	2	2	3	2	3	86.5	
	20.0	18.0	12.0	10.5	9.0	5.0	4.0	4.5	2.0	1.5		
PROJECT: Freeway Channel - Washington, Rancho to Valley View												
LV15 0528	4	4	3	3	3	3	2	2	1	2	86.0	
	20.0	18.0	12.0	10.5	9.0	7.5	4.0	3.0	1.0	1.0		
PROJECT: Flamingo Wash - Maryland Parkway System												
FLMP 0000	4	4	4	2	3	2	2	2	2	2	85.0	
	20.0	18.0	16.0	7.0	9.0	5.0	4.0	3.0	2.0	1.0		
PROJECT: Freeway Channel - Washington, Valley View to Decatur												
LV15 0602	4	3	4	3	3	2	2	2	2	2	84.0	
	20.0	13.5	16.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0		
PROJECT: Owens Avenue East - LV Wash to Mojave												
LVOE 0000	4	3	4	3	3	2	2	2	1	2	83.0	
	20.0	13.5	16.0	10.5	9.0	5.0	4.0	3.0	1.0	1.0		
PROJECT: Meadows - Charleston, Essex to Lindell												
MECN 0000, 0061	4	3	3	3	3	2	2	3	2	3	82.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	2.0	1.5		
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb												
LVBZ 0000	4	3	3	3	3	2	2	3	2	2	81.5	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	2.0	1.0		
PROJECT: Owens Avenue East - Mojave to Eastern												
LVOE 0085	4	3	3	3	3	2	2	3	2	2	81.5	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	2.0	1.0		
PROJECT: Flamingo - Boulder Hwy North, Main St												
FLBN 0342	4	3	3	3	2	3	2	3	2	2	81.0	
	20.0	13.5	12.0	10.5	6.0	7.5	4.0	4.5	2.0	1.0		
PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos												
LVBZ 0064, 0114	3	3	3	3	3	3	2	3	1	3	78.5	
	15.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	1.0	1.5		
PROJECT: Boulder Highway, Sahara Avenue - Eastern to Boulder Hwy												
BHSA 0000, 0026	3	3	4	3	3	2	2	2	1	2	78.0	
	15.0	13.5	16.0	10.5	9.0	5.0	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	78.0	
	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: Meadows - Charleston, Lindell to Rainbow												
MECN 0123, 0223	3	3	3	3	3	2	2	3	1	2	75.5	
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	4.5	1.0	1.0		
PROJECT: Boulder Highway Sahara Avenue - LV Blvd to Maryland												
BHSA 0175	3	3	3	3	3	2	2	3	1	2	75.5	
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	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		
HYDROGRAPHIC BASIN: GOWAN												
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn												
GOBU 0112, 0136	4	4	3	3	3	3	3	3	3	3	3	92.0
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	4.5	3.0	1.5		
PROJECT: Gowan Outfall - El Capitan Branch, Lone Mtn to Ann Road												
GOEC 0000 thru 0076	4	4	3	3	2	3	3	4	3	3	90.5	
	20.0	18.0	12.0	10.5	6.0	7.5	6.0	6.0	3.0	1.5		
PROJECT: Gowan Box Canyon - Lone Mountain Road												
GOBX 0015	4	4	3	3	2	3	3	4	3	2	90.0	
	20.0	18.0	12.0	10.5	6.0	7.5	6.0	6.0	3.0	1.0		
PROJECT: Gowan Outfall - Alexander Rd., Allen to Simmons												
GOOF 0275, 0285	4	4	3	3	2	3	3	4	2	2	89.0	
	20.0	18.0	12.0	10.5	6.0	7.5	6.0	6.0	2.0	1.0		
PROJECT: Gowan - Alexander Rd., Decatur to Allen												
GOOF 0325, 0375	4	4	3	3	2	3	3	4	1	1	87.5	
	20.0	18.0	12.0	10.5	6.0	7.5	6.0	6.0	1.0	0.5		
PROJECT: Gowan - Alexander Rd., Rancho to Decatur												
GOAL 0000	4	4	3	3	2	3	3	4	1	1	87.5	
	20.0	18.0	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	4	3	3	2	3	3	3	2	2	86.5	
	19.0	18.0	12.0	10.5	6.0	7.5	6.0	4.5	2.0	1.0		
PROJECT: Gowan - Alexander Branch												
GOA2 0000	4	3	3	3	3	3	3	3	2	2	86.0	
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.0		
PROJECT: Gowan - Craig and US-95												
GOAL 0168, 0247	4	3	3	3	3	3	3	3	1	2	85.0	
	20.0	13.5	12.0	10.5	9.0	7.5	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	2	2	80.5	
	20.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	2.0	1.0		
PROJECT: Gowan Outfall - Clayton Branch												
GOCL 0000	4	3	3	3	2	2	3	3	1	2	79.5	
	20.0	13.5	12.0	10.5	6.0	5.0	6.0	4.5	1.0	1.0		
HYDROGRAPHIC BASIN: UPPER NORTHERN LAS VEGAS WASH												
PROJECT: Centennial Parkway Channel West - US 95, CC 218 to Durango												
CN95 0000, 0068 & CNWE 0325	4	4	3	3	3	3	3	3	2	2	90.5	
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.0		
PROJECT: Centennial Parkway Channel West - US 95, Durango to Grand Teton												
CN95 0102, 0167	4	3	4	3	3	3	3	3	2	2	90.0	
	20.0	13.5	16.0	10.5	9.0	7.5	6.0	4.5	2.0	1.0		
PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai												
RCHB 0295	4	3	4	3	3	3	3	3	1	3	89.5	
	20.0	13.5	18.0	10.5	9.0	7.5	6.0	4.5	1.0	1.5		
PROJECT: Brent Drainage System - Durango to El Capitan												
BRDB 0107, 0157	4	3	4	3	3	3	3	3	1	2	89.0	
	20.0	13.5	16.0	10.5	9.0	7.5	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			83.5	
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.5			
PROJECT: Fifth Street Collector - Centennial to Deer Springs													
LV5C 0000, 0002	4	3	3	3	3	2	2	2	2			80.0	
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: Lake Mead Drain to Las Vegas Wash													
LVLE 0000, 0047	4	3	3	3	2	2	2	2	2			77.0	
	20.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: North Las Vegas Detention Basin Upgrade													
LVUP 0408	3	3	3	3	3	2	2	2	2			75.0	
	15.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: Las Vegas Boulevard Drain													
LVLV 0000	3	3	3	3	2	2	2	2	2	3			72.5
	15.0	13.5	12.0	10.5	6.0	5.0	4.0	3.0	2.0	1.5			
HYDROGRAPHIC BASIN: RANGE													
PROJECT: Hollywood System, Dunes South Detention Basin to Centennial Parkway													
RHHW 0000 thru 0277	4	4	3	3	3	3	4	3	2			93.0	
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	6.0	3.0	1.0			
PROJECT: Orchard Collector - Charleston to Linden													
SLOR 0158	3	4	3	3	4	3	2	3	2			86.5	
	15.0	18.0	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0			
PROJECT: Beltway Detention Basin & Channel													
RWRR 0107 thru 0261 & RWBE 0000	3	4	3	3	3	4	3	2	2			86.5	
	15.0	18.0	12.0	10.5	9.0	10.0	6.0	3.0	2.0	1.0			
PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin													
RHHW 0300 thru 0412	3	3	4	4	3	2	3	3	2			86.0	
	15.0	13.5	16.0	14.0	9.0	5.0	6.0	4.5	2.0	1.0			
PROJECT: Vandenberg North Detention Basin, Collection & Outfall													
RWWV 0352, 0397 thru 0439	3	4	3	3	3	2	3	4	3			85.5	
	15.0	18.0	12.0	10.5	9.0	5.0	6.0	6.0	3.0	1.0			
PROJECT: Beltway Collection System - Pecos													
RWWV 0463 & RWBW 0000	3	3	3	3	4	3	2	3	2			82.0	
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0			
PROJECT: Range Wash - Ann Branch													
RWAN 0000, 0050	3	3	3	3	3	3	3	2	2			79.5	
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	2.0	1.0			
PROJECT: Owens Detention Basin & Outfall													
SLWA 0130 thru 0175 & SLOW 0000, 0005	3	3	3	3	4	2	2	2	2			78.0	
	15.0	13.5	12.0	10.5	12.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: Range Wash - Beltway Conveyance													
RWBW 0030, RWWV 0493 & 0517	3	3	3	3	3	2	3	2	2			77.0	
	15.0	13.5	12.0	10.5	9.0	5.0	6.0	3.0	2.0	1.0			
PROJECT: Range Wash - Dunes South Detention Basin													
RWEA 0163, 0164, 0165, 0166 & 0192	3	3	3	2	3	2	3	3	2			75.0	
	15.0	13.5	12.0	7.0	9.0	5.0	6.0	4.5	2.0	1.0			
PROJECT: Speedway North Detention Basin and Outfall													
RHHW 0459, 0498, 0499, 0500	3	3	3	2	3	2	2	3	2			73.0	
	15.0	13.5	12.0	7.0	9.0	5.0	4.0	4.5	2.0	1.0			
PROJECT: Range Wash - Alto Conveyance, Confluence DB to Los Feliz													
RWAL 0000, 0068	3	3	3	2	3	2	2	2	2			71.5	
	15.0	13.5	12.0	7.0	9.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: Range Wash - Sloan Channel, Stewart Bridge													
RWSL 0188	3	3	3	2	2	2	2	2	2			68.5	
	15.0	13.5	12.0	7.0	6.0	5.0	4.0	3.0	2.0	1.0			
PROJECT: Las Vegas Boulevard Storm Drain													
SLLV 0000, 0119, 0176 & SLNL 0000	3	3	3	2	2	2	2	2	2	1			68.0
	15.0	13.5	12.0	7.0	6.0	5.0	4.0	3.0	2.0	0.5			

EXHIBIT B

Project Prioritization

Priority Factor and Weight												Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	0.5		
CLARK COUNTY												
HYDROGRAPHIC BASIN: Tropicana/ Flamingo												
PROJECT: E-4 Patrick Lane/ Fod/ Apache Road/ Lateral												
FLOQ 0100	3	3	4	3	4	3	4	3	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: Airport Channel - Naples												
TRMC 0013, 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: Wagon Trail Channel - Sunset to Yeco												
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: 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: 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: 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	2	73.0	
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	1.0		
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 - Chidary												
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		
PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos												
VAVD 0000 & 0025	3	3	3	2	3	3	2	1	2	1	72.0	
	15.0	13.5	12.0	7.0	9.0	7.5	4.0	1.5	2.0	0.5		
PROJECT: Blue Diamond - Buffalo Branch												
BDBF 0010, 0076, 0125	3	3	3	3	3	2	1	2	1	1	71.5	
	15.0	13.5	12.0	10.5	9.0	5.0	2.0	3.0	1.0	0.5		

EXHIBIT B

Project Prioritization

Priority Factor and Weight												Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation	Implem.	Env.	O&M	0.5		
HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond												
PROJECT: Duck Creek @ Dean Martin												
DCWA 1446 & 1447	4	3	3	3	3	4	3	4	3	4	4	92.0
	20.0	13.5	12.0	10.5	9.0	10.0	6.0	6.0	3.0	2.0		
PROJECT: Blue Diamond Channel 02, Decatur - Pyle to Richmar												
BD02 0334, 0358, 0359	4	3	3	3	3	4	3	4	3	4	4	92.0
	20.0	13.5	12.0	10.5	9.0	10.0	6.0	6.0	3.0	2.0		
PROJECT: Duck Creek Wash/El Camino to Rainbow												
DCWA 1775, 1803, 1827	3	3	4	3	4	3	4	3	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: Blue Diamond Wash Pabbie												
BDW4 0000	3	3	4	3	4	3	4	3	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: Duck Creek Jones Boulevard												
DCJB 0000, 0043	3	3	4	3	4	3	4	3	3	3	2	91.0
	15.0	13.5	16.0	10.5	12.0	7.5	8.0	4.5	3.0	1.0		
PROJECT: Duck Creek Haven Street												
DCHV 0028, 0050, 0057	3	3	4	3	4	3	4	3	3	3	2	91.0
	15.0	13.5	16.0	10.5	12.0	7.5	8.0	4.5	3.0	1.0		
PROJECT: Blue Diamond Wash - Arville to R15												
BDWA 0276	3	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	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	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	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	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	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	3	2	1	1	79.0
	5.0	18.0	16.0	10.5	12.0	2.5	8.0	4.5	2.0	0.5		
PROJECT: Blue Diamond Channel, Amigo to Rancho Domingo												
BDWA 0087 thru 0174	3	3	3	2	3	3	3	3	3	2	2	78.5
	15.0	13.5	12.0	7.0	9.0	7.5	6.0	4.5	3.0	1.0		

EXHIBIT C

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026				
				(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26
TOTAL PLAN			\$901,545,815	\$52,982,985	\$46,363,637	\$50,636,749	\$239,087,473	\$43,044,788	\$47,068,183	\$51,261,102	\$65,667,904	\$221,546,334	\$51,298,701
Unencumbered from previous year	\$42,587,979			\$51,571,563	\$33,771,370	\$9,686,684	\$39,661,577	\$51,332,789	\$13,631,217	\$20,867,745	\$19,875,843	\$69,603,654	\$36,109,202
ENTITY RESOURCES			\$69,683,988	\$1,693,793	\$3,870,310	\$4,227,028	\$18,958,418	\$3,593,270	\$4,007,363	\$4,364,348	\$4,739,541	\$18,862,359	\$4,367,549
Unencumbered from previous year	(\$2,729,093)			\$1,693,793	\$5,382,917	\$348,590	\$18,075,962	\$18,056,346	\$3,892,325	\$8,256,674	\$5,949,375	\$9,624,745	\$13,992,295
ENTITY TOTAL		\$511,244,291	\$151,215,287	\$55,691,693	\$0	\$181,195	\$9,261,355	\$2,231,046	\$3,612,886	\$18,171,384	\$0	\$7,046,840	\$15,186,988
HYDROGRAPHIC BASIN: PITTMAN		\$385,345,198	\$118,051,220	\$50,414,917	\$0	\$181,195	\$9,261,355	\$2,231,046	\$2,847,350	\$18,171,384	\$0	\$2,535,600	\$15,186,988
SYSTEM: Pittman Burns		\$62,860,544	\$16,710,795	\$8,938,589	\$0	\$0	\$0	\$0	\$0	\$379,503	\$0	\$0	\$6,559,086
PROJECT: Galleria to Boulder Hwy.													
Design/Admin			\$331,728							\$41,740			\$596,280
Right-of-way	PTSU 0000 & 0023		\$265,382							\$337,763			
Construction			\$2,371,852										\$5,062,805
SYSTEM: Pittman Beltway		\$197,079,852	\$26,037,688	\$816,087	\$0	\$0	\$816,087	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights													
Design/Admin			\$92,803				\$43,237						
Right-of-way	PTAP 0018		\$74,242										
Construction			\$63,541				\$72,851						
SYSTEM: Lower Pittman		\$124,601,910	\$19,509,780	\$3,026,545	\$0	\$181,195	\$0	\$0	\$2,847,350	\$0	\$0	\$0	\$0
PROJECT: Whitney Wash Channel													
Design/Admin			\$44,526				\$181,195		\$258,850				
Right-of-way	WWDC 0069		\$35,620										
Construction			\$318,355						\$2,588,500				
SYSTEM: Upper Pittman		\$629,562	\$48,657,734	\$39,831,696	\$0	\$0	\$8,445,267	\$2,231,046	\$0	\$17,791,881	\$0	\$2,535,600	\$8,627,902
PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer													
Design/Admin			\$1,319,867					\$950,051		\$671,939			
Right-of-way	PTNO 0000 thru 0073		\$1,055,894					\$900,000					
Construction			\$9,437,953							\$12,010,913			
PROJECT: Pittman North Detention Basin and Outfall													
Design/Admin			\$1,334,687				\$544,848						
Right-of-way	PTNO 0180 thru 0182												
Construction			\$9,872,999				\$7,822,996						
PROJECT: Pittman North Detention Basin to Larson Lane													
Design/Admin			\$396,976				\$277,423			\$202,099			
Right-of-way	PTSD 0000 thru 0043		\$317,581					\$380,995					
Construction			\$2,838,375							\$3,612,513			
PROJECT: Pittman West Detention Basin & Outfall													
Design/Admin			\$3,129,791								\$2,535,600		
Right-of-way	PTLA 0127 thru 0141 & 0181 thru 0221		\$2,503,834									\$1,000,000	
Construction			\$20,239,509										
PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.													
Design/Admin			\$726,451							\$554,750			\$404,127
Right-of-way	PTLA 0000 thru 0126		\$581,162							\$739,668			
Construction			\$5,194,132										\$7,223,776
HYDROGRAPHIC BASIN: C-1		\$125,899,093	\$33,164,068	\$5,276,776	\$0	\$0	\$0	\$0	\$765,536	\$0	\$0	\$4,511,240	\$0
SYSTEM: C-1		\$125,899,093	\$33,164,068	\$5,276,776	\$0	\$0	\$0	\$0	\$765,536	\$0	\$0	\$4,511,240	\$0
PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead													
Design/Admin			\$442,522						\$328,087			\$239,000	
Right-of-way	C1CH 0161 & 0173		\$354,018						\$437,449				
Construction			\$3,164,033									\$4,272,234	

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026				
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26
TOTAL PLAN			Annual Resources	\$901,545,815	\$52,982,985	\$46,263,637	\$50,836,749	\$239,087,473	\$43,044,788	\$47,069,183	\$51,261,102	\$55,667,904	\$221,546,334	\$51,298,701
Unencumbered from previous year	\$42,587,979		Cumulative Available Resources	\$865,436,614	\$51,571,563	\$33,771,370	\$9,686,694	\$39,861,577	\$51,332,789	\$13,631,217	\$20,867,745	\$19,875,843	\$69,603,654	\$36,109,202
ENTITY RESOURCES			Annual Resources	\$348,573,056	\$33,403,174	\$17,940,940	\$19,594,470	\$92,517,637	\$16,658,674	\$18,576,210	\$20,231,021	\$21,970,236	\$97,436,834	\$20,245,860
Unencumbered from previous year	\$12,900,801		Cumulative Available Resources		\$22,405,117	\$15,083,250	\$716,312	\$3,243,696	\$11,422,137	\$4,508,598	\$7,217,849	\$4,816,976	\$11,508,547	\$9,453,289
ENTITY TOTAL				\$339,119,767	\$10,998,058	\$25,262,807	\$33,961,408	\$89,990,252	\$8,478,233	\$25,489,749	\$17,521,770	\$24,371,209	\$80,745,164	\$22,301,118
HYDROGRAPHIC BASIN: CENTRAL		\$403,721,788	\$385,155,042	\$210,621,728	\$2,024,550	\$643,431	\$17,186,646	\$42,443,571	\$8,478,233	\$5,246,168	\$16,876,841	\$23,285,591	\$72,135,579	\$22,301,118
SYSTEM: LV Wash I-15 Tributary		\$109,476,848	\$77,154,912	\$14,709,506	\$499,294	\$493,431	\$0	\$6,932,027	\$6,784,754	\$0	\$0	\$0	\$0	\$0
PROJECT: Freeway Channel - Washington, Valley View to Decatur						\$493,431			\$359,457					
Design/Admin	LV15 0602		\$727,252											
Right-of-way			\$581,802	\$7,278,185										
Construction			\$5,199,850						\$6,425,297					
PROJECT: Freeway Channel - Washington, Rancho to Valley View					\$499,294			\$367,260						
Design/Admin	LV15 0528		\$765,329	\$7,431,321										
Right-of-way			\$812,263											
Construction			\$3,472,102					\$6,564,787						
SYSTEM: LV Wash Central		\$285,079,544	\$133,972,846	\$61,266,283	\$0	\$150,000	\$0	\$14,335,444	\$653,540	\$1,483,787	\$15,254,959	\$8,986,270	\$20,402,284	\$0
PROJECT: Las Vegas Wash - Stewart to Bonanza						\$75,000		\$279,427						
Design/Admin	LVMD 1121 & 1149	Design Started 11/12	\$582,295	\$5,349,191										
Right-of-way		CLA15D12 / LAS28C12	\$465,836											
Construction			\$4,163,418					\$4,994,784						
PROJECT: Meadows - Charleston, Essex to Lindell									\$653,540			\$476,094		
Design/Admin	MECN 0000, 0061		\$881,492	\$9,639,810										
Right-of-way			\$705,194											
Construction			\$6,302,669									\$8,510,176		
PROJECT: Meadows - Charleston, Lindell to Rainbow										\$898,092			\$654,246	
Design/Admin	MECN 0123, 0223		\$1,176,062	\$13,246,988										
Right-of-way			\$940,848											
Construction			\$8,408,837										\$11,694,850	
PROJECT: Cedar Avenue Channel Improvements						\$75,000		\$421,288						
Design/Admin	CACN 0001 & 0035, CNST 0000	Design Started 13/14	\$877,918	\$8,026,814										
Right-of-way		LAS25B13	\$702,335											
Construction			\$6,277,116					\$7,530,526						
PROJECT: Owens Avenue East - LV Wash to Mojave								\$1,106,440			\$808,210			
Design/Admin	LVOE 0000		\$1,541,300	\$16,364,398										
Right-of-way			\$1,233,040											
Construction			\$11,020,297								\$14,446,749			
PROJECT: Owens Avenue East - Mojave to Eastern										\$585,805			\$426,876	
Design/Admin	LVOE 0085		\$766,974	\$8,639,083										
Right-of-way			\$613,579											
Construction			\$5,463,861										\$7,626,716	

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026				
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26
TOTAL PLAN			Annual Resources	\$901,545,815	\$52,982,985	\$48,363,837	\$50,836,749	\$239,087,473	\$43,044,788	\$47,068,163	\$51,261,102	\$55,667,994	\$221,546,334	\$51,298,701
Unencumbered from previous year	\$42,587,979		Cumulative Available Resources	\$865,436,614	\$51,571,563	\$33,771,370	\$9,686,694	\$39,661,577	\$51,332,789	\$13,631,217	\$20,867,745	\$19,875,843	\$69,603,654	\$36,109,202
ENTITY RESOURCES			Annual Resources	\$348,573,056	\$33,403,174	\$17,940,940	\$19,594,470	\$92,517,637	\$18,656,674	\$18,576,210	\$20,231,021	\$21,970,236	\$87,436,834	\$20,245,660
Unencumbered from previous year	\$12,900,801		Cumulative Available Resources		\$22,405,117	\$15,083,250	\$716,312	\$3,243,696	\$11,422,137	\$4,508,598	\$7,217,849	\$4,816,876	\$11,508,547	\$9,453,289
ENTITY TOTAL		\$957,137,971	\$684,948,614	\$339,119,767	\$10,998,058	\$25,262,807	\$33,961,408	\$89,990,252	\$8,478,233	\$25,489,749	\$17,521,770	\$24,371,209	\$80,745,164	\$22,301,118
SYSTEM: Sahara Boulder Highway		\$9,165,396	\$174,027,284	\$134,645,938	\$1,525,255	\$0	\$17,185,646	\$21,176,100	\$1,039,939	\$3,762,381	\$1,621,882	\$14,299,321	\$51,733,295	\$22,301,118
PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy														
Design/Admin		Design Started 09/10	\$1,584,691							\$1,210,140			\$81,588	
Right-of-way	BHSA 0000, 0026	LAS27A09	\$1,267,753	\$17,848,736										
Construction			\$11,330,541										\$15,758,031	
PROJECT: Sahara Avenue - Eastern Lateral														
Design/Admin			\$301,160							\$229,979			\$167,536	
Right-of-way	SAEA 0000		\$240,928	\$3,392,227										
Construction			\$2,153,296										\$2,994,712	
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern														
Design/Admin			\$1,451,440							\$1,108,384			\$807,443	
Right-of-way	BHSA 0075		\$1,161,152	\$16,348,820										
Construction			\$10,377,799										\$14,432,995	
PROJECT: Boulder Highway Sahara Avenue - LV Blvd to Maryland														
Design/Admin			\$2,062,012								\$1,621,882			\$1,181,518
Right-of-way	BHSA 0175		\$1,649,810	\$23,923,000										
Construction			\$14,743,985											\$21,119,601
PROJECT: Flamingo - Boulder Hwy, North, Charleston - Main to Boulder Hwy														
Design/Admin	FLBN 0167, 0180, 0205, 0281, 0312	Ph 1 - FLBN 0167 - 0205	\$1,729,087	\$12,489,529	\$1,128,043			\$601,833						
Construction			\$8,968,892					\$10,759,554						
Design/Admin	Phase 2 Construction	Phase 2 Const	\$474,725	\$4,299,852				\$227,807						
Construction	FLBN 0281, 0312		\$3,394,278					\$4,072,045						
PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston														
Design/Admin		Design started in 15/16	\$1,954,412	\$17,186,646			\$910,551							
Right-of-way	FLBN 0038	LAS26B15	\$1,563,530											
Construction			\$13,974,050				\$16,276,095							
PROJECT: Flamingo Wash - Maryland Parkway System														
Design/Admin			\$609,856	\$5,911,975	\$397,213			\$292,173						
Right-of-way	FLMP 0000		\$487,085											
Construction			\$4,353,321					\$5,222,589						
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb														
Design/Admin			\$1,094,511	\$11,969,339				\$811,472				\$591,145		
Right-of-way	LVBZ 0000		\$875,609											
Construction			\$7,825,754									\$10,566,721		
PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos														
Design/Admin			\$1,589,587	\$17,904,890						\$1,213,976			\$884,292	
Right-of-way	LVBZ 0064, 0114		\$1,271,670											
Construction			\$11,365,550										\$15,806,720	
PROJECT: Flamingo - Boulder Hwy, North, Main St.														
Design/Admin		Design Started 10/11	\$308,156	\$3,369,822					\$228,487			\$166,431		
Right-of-way	FLBN 0342	LAS29A10	\$246,524											
Construction		Eng'r Est.	\$2,203,311									\$2,975,029		

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026										
				(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26						
TOTAL PLAN				Annual Resources	\$901,545,815	\$52,982,985	\$46,383,637	\$50,636,749	\$239,087,473	\$43,044,788	\$47,066,183	\$51,261,102	\$58,667,904	\$221,546,334	\$51,298,701				
Unencumbered from previous year				\$42,587,979	Cumulative Available Resources				\$865,436,614	\$51,571,563	\$33,771,370	\$9,686,694	\$39,661,577	\$51,332,789	\$13,831,217	\$20,867,745	\$19,875,843	\$69,603,654	\$36,109,202
ENTITY RESOURCES				Annual Resources	\$348,573,056	\$33,403,174	\$17,940,940	\$19,594,470	\$92,517,637	\$16,656,674	\$18,576,210	\$20,231,021	\$21,970,236	\$87,436,834	\$20,245,860				
Unencumbered from previous year				\$12,900,801	Cumulative Available Resources				\$22,405,117	\$15,083,250	\$716,312	\$3,243,896	\$11,422,137	\$4,508,598	\$7,217,849	\$4,818,876	\$11,508,547	\$9,453,289	
ENTITY TOTAL				\$957,137,971	\$684,948,614	\$339,119,767	\$10,998,058	\$25,262,807	\$33,961,408	\$89,990,252	\$8,478,233	\$25,489,749	\$17,521,770	\$24,371,209	\$80,745,164	\$22,301,118			
HYDROGRAPHIC BASIN: GOWAN				\$293,217,265	\$158,747,407	\$94,313,302	\$8,532,149	\$8,989,204	\$4,789,229	\$41,419,008	\$0	\$20,243,582	\$644,929	\$1,085,618	\$8,609,584	\$0			
SYSTEM: Gowan North				\$166,668,680	\$158,433,211	\$94,313,302	\$8,532,149	\$8,989,204	\$4,789,229	\$41,419,008	\$0	\$20,243,582	\$644,929	\$1,085,618	\$8,609,584	\$0			
PROJECT: Gowan Box Canyon - Lone Mountain Road																			
Design/Admin		Design started in 15/16	\$544,616					\$253,734											
Right-of-way	GOBX 0015	LAS24I15	\$435,603																
Construction			\$3,894,007					\$4,535,405											
PROJECT: Gowan Outfall - Alexander Rd., Allen to Simmons																			
Design/Admin			\$1,004,635				\$655,418			\$482,000									
Right-of-way	GOOF 0275, 0285		\$803,708																
Construction			\$8,981,317							\$10,774,700									
PROJECT: Gowan Outfall - Alexander Rd., Decatur to Allen																			
Design/Admin			\$1,940,153				\$1,285,740			\$931,024									
Right-of-way	GOOF 0325, 0375		\$1,552,122																
Construction			\$13,872,093							\$18,642,063									
PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road																			
Design/Admin		Design started in 15/16	\$1,052,891					\$476,249											
Right-of-way	GOEC 0000 thru 0076	LAS24J15	\$942,313																
Construction			\$7,528,174					\$8,512,955											
PROJECT: Gowan Outfall - Clayton Branch																			
Design/Admin			\$1,340,021																
Right-of-way	GOCL 0000		\$1,072,016											\$1,085,618					
Construction			\$9,581,151																
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial																			
Design/Admin			\$819,843											\$644,929		\$456,136			
Right-of-way	GOEC 0100 thru 0176		\$655,955																
Construction			\$5,862,597													\$8,153,448			
PROJECT: Gowan - Alexander Rd., Rancho to Decatur																			
Design/Admin		Design Started in 13/14	\$1,175,463						\$564,072										
Right-of-way	GOAL 0000	LAS30A13	\$940,370																
Construction		Engr's Est.	\$8,494,560						\$10,508,641										
PROJECT: Gowan - Rancho, Craig to Alexander																			
Design/Admin			\$740,352						\$532,911			\$376,910							
Right-of-way	GOAL 0100, 0111		\$592,282																
Construction			\$5,293,519									\$8,737,272							
PROJECT: Gowan - Alexander Branch																			
Design/Admin			\$334,098						\$240,487			\$170,088							
Right-of-way	GOA2 0000		\$267,279																
Construction			\$2,388,898									\$3,040,331							
PROJECT: Gowan - Craig and US-95																			
Design/Admin			\$1,032,239						\$743,014			\$525,509							
Right-of-way	GOAL 0168, 0247		\$825,791																
Construction			\$7,380,512									\$9,393,471							
PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn																			
Design/Admin		Design Started in 13/14	\$455,503					\$432,495											
Right-of-way	GOBU 0112, 0136	LAS24H13	\$364,401																
Construction		Engr's Est.	\$3,258,839					\$6,178,498											

EXHIBIT C

CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

Fsc. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026											
				(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26							
TOTAL PLAN				Annual Resources	\$901,545,815	\$52,982,985	\$46,363,637	\$50,836,749	\$239,097,473	\$43,044,788	\$47,068,183	\$51,261,102	\$55,887,804	\$221,546,334	\$51,298,701					
Unencumbered from previous year				\$42,587,979	Cumulative Available Resources				\$865,436,614	\$51,571,563	\$33,771,370	\$8,886,894	\$39,661,577	\$51,332,789	\$13,631,217	\$20,867,745	\$19,875,843	\$59,603,654	\$67,436,834	\$20,245,860
ENTITY RESOURCES				Annual Resources	\$348,573,056	\$33,403,174	\$17,940,940	\$19,594,470	\$92,517,837	\$18,656,674	\$18,576,210	\$20,231,021	\$21,970,236	\$87,436,834	\$20,245,860					
Unencumbered from previous year				\$12,900,801	Cumulative Available Resources				\$22,405,117	\$15,083,250	\$716,312	\$3,243,696	\$11,422,137	\$4,508,598	\$7,217,849	\$4,816,876	\$11,508,547	\$9,453,289		
ENTITY TOTAL				\$957,137,971	\$684,948,614	\$339,119,767	\$10,998,058	\$25,262,807	\$33,961,408	\$89,990,252	\$8,478,233	\$25,489,749	\$17,521,770	\$24,371,209	\$80,745,164	\$22,301,118				
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH				\$260,198,919	\$141,046,165	\$34,184,737	\$441,359	\$15,630,172	\$11,985,533	\$6,127,673	\$0	\$0	\$0	\$0	\$0	\$0				
SYSTEM: Ann Road				\$71,879,876	\$13,931,771	\$3,781,501	\$0	\$0	\$3,781,501	\$0	\$0	\$0	\$0	\$0	\$0	\$0				
PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai									\$200,344											
	Design/Admin		Design Started in 15/16	\$430,021																
	Right-of-way	RCHB 0295	LASP15	\$344,017																
	Construction			\$3,074,648					\$3,581,156											
SYSTEM: Upper Western Tributary				\$156,679,079	\$52,571,081	\$30,403,236	\$441,359	\$15,630,172	\$8,204,032	\$6,127,673	\$0	\$0	\$0	\$0	\$0					
PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Durango									\$909,605											
	Design/Admin	CN95 0000, 0068 & CNWE 0325	Design Started 15/16	\$2,010,954																
	Right-of-way		LAS23G15	\$1,608,783																
	Construction			\$13,017,687					\$14,720,567											
PROJECT: Centennial Parkway Channel West - US 95, Durango to Grand Teton									\$434,850											
	Design/Admin		Design Started 15/16	\$932,937																
	Right-of-way	CN95 0102, 0167	LAS23H15	\$748,350																
	Construction			\$6,670,502					\$7,769,382											
PROJECT: Brent Drainage System - Durango to El Capitan									\$324,645											
	Design/Admin			\$676,524				\$441,359												
	Right-of-way	BRDB 0107, 0157		\$541,220																
	Construction			\$4,837,150					\$5,803,025											

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026				
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26
TOTAL PLAN				\$901,545,815	\$82,982,985	\$46,383,637	\$50,636,749	\$239,087,473	\$43,044,788	\$47,068,183	\$51,261,102	\$55,867,904	\$221,546,334	\$51,298,701
Unencumbered from previous year	\$42,587,979			\$865,436,614	\$51,571,563	\$33,771,370	\$9,686,694	\$39,661,577	\$51,332,789	\$13,631,217	\$20,867,745	\$19,875,843	\$69,603,654	\$36,109,202
ENTITY RESOURCES				\$192,480,131	\$35,945,832	\$6,910,663	\$9,731,915	\$45,950,404	\$8,272,811	\$9,226,180	\$10,048,069	\$10,911,879	\$43,426,940	\$10,055,439
Unencumbered from previous year	\$25,762,991				\$18,724,236	\$8,926,708	\$2,009,015	\$13,742,151	\$20,827,763	\$3,444,661	\$3,052,150	\$5,714,810	\$37,348,447	\$1,643,840
ENTITY TOTAL		\$485,765,006	\$330,508,657	\$190,836,191	\$17,221,596	\$18,708,190	\$16,649,609	\$34,217,268	\$1,187,198	\$26,609,282	\$10,440,580	\$8,249,219	\$11,793,304	\$45,759,946
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH		\$255,803,735	\$141,545,513	\$35,754,522	\$5,809,549	\$0	\$4,231,512	\$0	\$1,142,683	\$660,778	\$10,440,580	\$4,383,626	\$9,085,794	\$0
SYSTEM: Lower Western Tributary		\$97,913,008	\$17,756,271	\$5,083,471	\$5,083,471	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Central Freeway Channel at Cheyenne														
Design/Admin		Design Started 13/14	\$619,236		\$269,323									
Right-of-way	LV15 0051	NLV18F13	\$465,389	\$5,083,471										
Construction			\$4,427,535		\$4,814,148									
SYSTEM: LV Wash Craig		\$108,688,237	\$30,849,801	\$9,701,813	\$726,078	\$0	\$4,231,512	\$0	\$360,597	\$0	\$0	\$4,383,626	\$0	\$0
PROJECT: North Las Vegas Detention Basin Upgrade														
Design/Admin			\$488,372						\$360,597			\$262,889		
Right-of-way	LVUP 0408		\$389,097	\$4,744,223										
Construction			\$3,051,982									\$4,120,837		
PROJECT: Fifth Street Collector - Centennial to Deer Springs														
Design/Admin			\$470,561		\$306,991		\$219,232							
Right-of-way	LV5C 0000, 0002		\$385,432	\$4,857,590	\$419,088									
Construction			\$3,444,794				\$4,012,280							
SYSTEM: Cheyenne Lamb Nellis		\$51,204,489	\$92,939,441	\$20,969,238	\$0	\$0	\$0	\$0	\$782,086	\$660,778	\$10,440,580	\$0	\$9,085,794	\$0
PROJECT: Lake Mead Drain to Las Vegas Wash														
Design/Admin			\$1,054,974						\$782,086		\$553,143			
Right-of-way	LVLE 0000, 0047		\$843,900	\$11,222,666										
Construction			\$7,542,353								\$9,887,437			
PROJECT: Las Vegas Boulevard Drain														
Design/Admin			\$865,296							\$660,778			\$481,367	
Right-of-way	LVLV 0000		\$692,237	\$9,746,572										
Construction			\$6,186,866											\$8,604,421

EXHIBIT C

CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026					
				(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26	
TOTAL PLAN														
Unencumbered from previous year	\$42,587,979		Annual Resources	\$901,545,815	\$52,982,985	\$46,383,837	\$50,838,749	\$239,087,473	\$43,944,788	\$47,068,163	\$51,261,102	\$55,867,904	\$221,548,334	\$51,298,701
			Cumulative Available Resources	\$865,436,614	\$51,571,583	\$33,771,370	\$9,686,694	\$39,661,577	\$51,332,789	\$13,831,217	\$20,867,745	\$19,875,843	\$69,603,654	\$36,109,202
ENTITY RESOURCES														
Unencumbered from previous year	\$25,762,991		Annual Resources	\$192,480,131	\$35,945,832	\$8,910,663	\$9,731,915	\$45,950,404	\$9,272,811	\$9,226,180	\$10,048,069	\$10,911,979	\$43,426,940	\$10,055,439
			Cumulative Available Resources		\$18,724,236	\$8,926,708	\$2,009,015	\$13,742,151	\$20,827,763	\$3,444,661	\$3,052,160	\$5,714,810	\$37,348,447	\$1,643,940
ENTITY TOTAL														
		\$485,765,006	\$330,508,657	\$190,836,191	\$17,221,596	\$18,708,190	\$16,649,609	\$34,217,268	\$1,187,198	\$26,609,282	\$10,440,580	\$8,249,219	\$11,793,304	\$45,759,946
HYDROGRAPHIC BASIN: RANGE														
		\$126,569,409	\$162,096,557	\$155,081,669	\$11,412,047	\$18,708,190	\$12,418,097	\$34,217,268	\$44,516	\$25,948,504	\$0	\$3,865,592	\$2,707,510	\$45,759,946
SYSTEM: Lower Range														
		\$65,749,682	\$24,394,411	\$11,378,496	\$603,317	\$505,632	\$305,576	\$5,279,952	\$44,516	\$4,201,711	\$0	\$437,793	\$0	\$0
PROJECT: Range Wash - Alto Conveyance, Confluence DB to Los Feliz														
Design/Admin			\$437,260											
Right-of-way	RWAL 0000, 0068		\$349,807					\$305,576			\$222,807			
Construction			\$3,126,408					\$410,656						
PROJECT: Orchard Collector - Charleston to Linden														
Design/Admin			\$34,705											
Right-of-way	SLOR 0158	Design Started 09/01	\$27,785		\$15,094									
Construction		CLA21A00	\$205,829		\$223,584									
PROJECT: Owens Detention Basin & Outfall														
Design/Admin			\$558,925											
Right-of-way	SLWA 0130 thru 0175 & SLOW 0000, 0005		\$447,140											
Construction			\$3,827,758		\$364,638			\$505,632						
PROJECT: Range Wash - Sloan Channel, Stewart Bridge														
Design/Admin			\$60,043											
Right-of-way	RWSL 0118									\$44,516			\$32,429	
Construction			\$300,214										\$405,364	
SYSTEM: West Range														
		\$58,235,363	\$101,410,556	\$80,480,618	\$8,003,518	\$374,034	\$12,112,521	\$8,095,290	\$0	\$0	\$0	\$3,427,799	\$2,707,510	\$45,759,946
PROJECT: Beltway Detention Basin & Channel														
Design/Admin			\$879,720											
Right-of-way	RWRR 0107 thru 0261 & RWBE 0000	Design Started 13/14	\$703,778		\$382,615									
Construction		NLV09113	\$6,002,590		\$665,232									
PROJECT: Las Vegas Boulevard Storm Drain														
Design/Admin			\$4,231,069											
Right-of-way	SLLV 0000, 0119, 0176, & SLNL 0000		\$3,384,854											
Construction			\$30,252,138									\$3,427,799		\$2,424,368
PROJECT: Range Wash - Beltway Conveyance														
Design/Admin			\$236,261											
Right-of-way	RWBW 0030, RWWE 0483 & 0517		\$189,009											
Construction			\$1,689,267											
PROJECT: Vandenberg North Detention Basin, Collection & Outfall														
Design/Admin			\$1,428,097											
Right-of-way	RWWE 0352, 0397 thru 0439	PreDesign Started 10/11	\$1,142,479											
Construction		NLV08E11	\$9,826,121											
PROJECT: Beltway Collection System - Pecos														
Design/Admin			\$657,498											
Right-of-way	RWWE 0463 & RWBW 0000		\$525,998											
Construction			\$4,701,108											
SYSTEM: East Range														
		\$2,584,385	\$36,291,589	\$63,222,556	\$2,805,212	\$17,828,525	\$0	\$20,842,027	\$0	\$21,746,793	\$0	\$0	\$0	\$0
PROJECT: Hollywood System, Dunes South Detention Basin to Centennial Parkway														
Design/Admin			\$2,088,226											
Right-of-way	RWHW 0000 thru 0277	Design Started 13/14	\$1,670,581											
Construction		NLV03E13	\$14,930,825											
PROJECT: Range Wash - Dunes South Detention Basin														
Design/Admin			\$1,323,085											
Right-of-way	RWEA 0163, 0164, 0165, 0166 & 0192		\$1,058,469											
Construction			\$8,427,099											
PROJECT: Range Wash - Ann Branch														
Design/Admin			\$1,259,809											
Right-of-way	RWAN 0000, 0050		\$1,007,847											
Construction			\$9,007,636											
PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin														
Design/Admin			\$583,000											
Right-of-way	RWHW 0300 thru 0412		\$468,399											
Construction			\$4,122,073											
PROJECT: Speedway North Detention Basin and Outfall														
Design/Admin			\$1,181,318											
Right-of-way	RWHW 0459,0498, 0499, 0500		\$945,055											
Construction			\$7,657,738											

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026							
				(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26			
TOTAL PLAN				Annual Resources	\$901,545,815	\$62,982,995	\$48,363,637	\$50,638,749	\$239,087,473	\$43,044,788	\$47,068,163	\$51,261,102	\$55,867,904	\$221,546,334	\$51,298,701	
Unencumbered from previous year				\$42,587,979	Cumulative Available Resources	\$865,436,614	\$51,571,583	\$33,771,370	\$9,686,694	\$39,661,577	\$51,332,789	\$13,831,217	\$20,867,745	\$19,875,843	\$69,603,654	\$36,109,202
ENTITY RESOURCES				Annual Resources	\$259,929,773	\$18,651,597	\$13,734,680	\$15,000,539	\$70,826,840	\$12,751,510	\$14,221,010	\$15,487,850	\$16,819,308	\$66,937,233	\$15,499,210	
Unencumbered from previous year				\$2,958,013	Cumulative Available Resources	\$5,713,425	\$302,028	\$3,499,748	\$618,216	\$2,258,373	\$2,897,607	\$2,323,233	\$2,149,999	\$4,994,165	\$3,761,286	
ENTITY TOTAL				\$1,065,594,071	\$552,627,233	\$256,168,488	\$12,938,172	\$19,146,077	\$11,802,818	\$73,710,372	\$11,109,352	\$13,581,776	\$16,062,224	\$16,992,540	\$64,093,067	\$16,732,089
HYDROGRAPHIC BASIN: Tropicana/ Flamingo				\$693,370,426	\$158,884,827	\$124,581,857	\$950,000	\$4,202,041	\$1,475,111	\$32,338,126	\$0	\$321,877	\$2,879,608	\$16,992,540	\$48,690,466	\$16,732,089
SYSTEM: Tropicana Flamingo Project				\$362,797,746	\$19,573,293	\$14,934,165	\$950,000	\$0	\$0	\$0	\$0	\$0	\$337,286	\$637,244	\$4,502,656	\$8,506,979
PROJECT: Blue Diamond - Buffalo Branch																
	Design/Admin		\$786,575													
	Design/Admin	BDBF 0010, 0070, 0125	\$629,259	\$9,144,223									\$637,244		\$450,701	
	Construction		\$5,624,008													\$8,058,278
PROJECT: Flamingo - Cimarron Branch																
	Design/Admin		\$428,818													
	Right-of-way	FLCM 0003, 0040	\$343,052	\$4,839,942								\$337,286			\$238,551	
	Construction		\$3,066,031													\$4,264,105
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral																
	Design/Admin		\$947,732			\$150,000										
	Right-of-way	FLOO 0100	\$758,186	\$950,000												
	Construction		\$6,776,287			\$800,000										
SYSTEM: Lower Flamingo				\$241,571,216	\$107,037,196	\$46,505,758	\$0	\$4,202,041	\$475,111	\$4,032,321	\$0	\$0	\$464,733	\$2,212,472	\$26,893,970	\$8,225,110
PROJECT: Wagon Trail Channel - Sunset to Teco																
	Design/Admin		\$178,000						\$122,998	\$84,457						
	Right-of-way	WGTR 0111	\$140,800	\$1,881,120				\$163,995								
	Construction		\$1,258,396						\$1,509,672							
PROJECT: Flamingo Wash, Maryland to Palos Verde																
	Design/Admin		\$269,188													
	Right-of-way	FLWA 0621 & 0673	\$215,351	\$2,626,311				\$188,120	\$129,178							
	Construction		\$1,824,894						\$2,309,018							
PROJECT: Las Vegas Wash - Christy																
	Design/Admin		\$1,970,430													
	Right-of-way	LVCH 0000, 0114	\$1,576,344	\$22,286,291									\$1,598,344		\$1,098,156	
	Construction		\$14,088,579												\$19,593,701	
PROJECT: Flamingo Wash Maryland - UNLV																
	Design/Admin		\$590,847													
	Right-of-way	FLMR 0000	\$472,678	\$6,998,756									\$464,733		\$328,690	
	Construction		\$4,224,557												\$5,875,333	
PROJECT: Airport Channel - Naples																
	Design/Admin		\$328,189						\$148,453							
	Right-of-way	TRMC 0013, 0031	\$262,559	\$2,802,041												
	Construction		\$2,346,621						\$2,653,589							
PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos																
	Design/Admin		\$760,512													
	Right-of-way	VAVD 0000 & 0025	\$608,410	\$8,841,239										\$616,129		\$435,767
	Construction		\$5,437,663													\$7,789,343
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.																
	Design/Admin		\$32,099						\$100,000							
	Right-of-way	FLWA 0893 & 0896	\$25,679	\$1,400,000												
	Construction		\$229,504						\$1,300,000							

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026				
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26
TOTAL PLAN				\$901,545,815	\$32,682,985	\$46,363,637	\$50,636,748	\$239,087,473	\$43,044,788	\$47,068,163	\$51,261,102	\$55,867,904	\$221,546,334	\$51,298,701
Unencumbered from previous year	\$42,587,979			\$865,436,614	\$51,571,563	\$33,771,370	\$9,886,694	\$39,661,577	\$51,332,789	\$13,631,217	\$20,867,745	\$19,875,843	\$69,603,654	\$36,109,202
ENTITY RESOURCES				\$259,929,773	\$18,651,587	\$13,734,680	\$15,000,539	\$70,826,840	\$12,751,510	\$14,221,010	\$15,487,850	\$16,819,306	\$68,937,233	\$15,499,210
Unencumbered from previous year	\$2,956,013				\$5,713,425	\$302,028	\$3,499,748	\$616,216	\$2,258,373	\$2,897,607	\$2,323,233	\$2,149,999	\$4,994,165	\$3,761,266
ENTITY TOTAL		\$1,065,594,071	\$552,627,233	\$256,168,488	\$12,938,172	\$19,146,077	\$11,802,818	\$73,710,372	\$11,109,352	\$13,581,776	\$16,062,224	\$16,992,540	\$64,093,067	\$16,732,089
SYSTEM: Lower LV Wash Tributaries		\$17,154,487	\$29,604,381	\$63,141,934	\$0	\$0	\$1,000,000	\$28,305,805	\$0	\$321,877	\$2,077,589	\$14,142,823	\$17,293,840	\$0
PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista														
Design/Admin			\$421,501							\$321,877			\$234,483	
Right-of-way	LV01 0151		\$337,201	\$4,747,732										
Construction			\$3,013,735										\$4,191,373	
PROJECT: Las Vegas Wash - Boulder Highway														
Design/Admin			\$1,225,497								\$963,919		\$681,748	
Right-of-way	LVBH 0000		\$980,397	\$13,831,903										
Construction			\$8,762,304										\$12,186,237	
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris														
Design/Admin			\$1,275,229				\$1,000,000	\$1,088,685						
Right-of-way	LV01 0001 thru 0135	Design Started 11/12	\$1,020,185	\$29,305,805										
Construction		CLA35A11	\$9,117,898					\$27,217,120						
		Eng. Est												
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.														
Design/Admin			\$1,415,886								\$1,113,570	\$784,720		
Right-of-way	LV02 0001 thru 0294		\$1,132,709	\$15,258,493										
Construction			\$9,907,874										\$13,378,103	

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

TOTAL PLAN	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026				
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26
					Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources	Annual Resources	Cumulative Available Resources
TOTAL PLAN				\$901,545,815	\$52,982,885	\$46,383,637	\$50,636,749	\$239,087,473	\$43,044,788	\$47,068,163	\$51,261,102	\$65,667,984	\$221,546,334	\$51,298,701
Unencumbered from previous year	\$42,587,979			\$865,436,614	\$51,571,563	\$33,771,370	\$9,686,694	\$39,661,577	\$51,332,789	\$13,631,217	\$20,867,745	\$19,875,843	\$69,603,654	\$36,109,202
ENTITY RESOURCES				\$259,929,773	\$18,651,597	\$13,734,680	\$15,000,539	\$70,826,840	\$12,751,510	\$14,221,810	\$15,487,850	\$18,819,308	\$66,937,233	\$15,499,210
Unencumbered from previous year	\$2,956,813				\$5,713,425	\$302,028	\$3,499,748	\$616,216	\$2,258,373	\$2,897,607	\$2,323,233	\$2,149,999	\$4,994,165	\$3,761,286
ENTITY TOTAL		\$1,065,594,071	\$552,627,233	\$256,168,488	\$12,938,172	\$19,146,077	\$11,802,818	\$73,710,372	\$11,109,352	\$13,581,776	\$16,062,224	\$16,992,540	\$64,093,067	\$16,732,089
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond		\$302,474,814	\$201,718,434	\$78,621,947	\$10,671,415	\$2,944,984	\$9,369,096	\$20,925,712	\$9,514,984	\$13,259,899	\$11,935,856	\$0	\$0	\$0
SYSTEM: Blue Diamond Tributaries		\$45,918,214	\$47,534,900	\$20,289,875	\$0	\$0	\$1,177,826	\$5,984,828	\$4,726,115	\$0	\$8,401,108	\$0	\$0	\$0
PROJECT: Blue Diamond Wash - Arville to I-15														
Design/Admin	BDWA 0276		\$503,358	\$4,910,969				\$351,788	\$241,547					
Right-of-way			\$402,886											
Construction			\$3,599,007							\$4,317,654				
PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.														
Design/Admin	DCBD 0075, 0082 & 0084		\$506,588	\$5,552,174				\$354,026	\$250,390					
Right-of-way			\$405,271											
Construction			\$1,622,105							\$4,475,725				
PROJECT: Blue Diamond Channel, Amigo to Rancho Destino														
Design/Admin	BOWA 0087 thru 0174		\$848,814	\$9,826,732				\$610,083				\$445,092		
Right-of-way			\$679,051					\$614,644						
Construction			\$4,069,022										\$7,956,014	
SYSTEM: Upper Duck Creek		\$86,782,047	\$74,969,770	\$50,269,155	\$7,125,333	\$2,344,984	\$4,274,435	\$14,940,884	\$4,768,669	\$13,259,899	\$3,534,751	\$0	\$0	\$0
PROJECT: Duck Creek, Sunset Park														
Design/Admin	DCSP 0000		\$1,379,919	\$14,224,245				\$984,348				\$702,511		
Right-of-way			\$1,103,935											
Construction			\$9,866,422										\$12,557,388	
PROJECT: Duck Creek Jones Boulevard														
Design/Admin	DCJB 0000, 0043	RTC Project	\$831,705	\$2,661,668				\$542,598	\$387,487					
Right-of-way			\$665,364											
Construction			\$5,946,690							\$1,731,583				
PROJECT: Blue Diamond Wash Pebble														
Design/Admin	BDW4 0000	RTC Project	\$993,397	\$2,344,984					\$112,335					
Right-of-way		No Design	\$794,717						\$224,669					
Construction			\$7,102,767						\$2,007,881					
PROJECT: Silverado Ranch Detention Basin														
Design/Admin	BD02 0265, 0277, 0312	Design Started 13/14	\$442,489	\$3,896,605									\$212,338	
Right-of-way		CLAO8S13	\$353,991											
Construction			\$3,071,043											\$3,684,267
PROJECT: Blue Diamond Channel 02, I-15 to Decatur														
Design/Admin	BD02 0125, 0151, 0177 & 0359		\$1,190,960	\$11,619,503					\$832,293	\$571,508				
Right-of-way			\$952,788											
Construction			\$8,515,360							\$10,215,701				
PROJECT: Blue Diamond Channel 02, Decatur - Pyle to Richmar														
Design/Admin	BD02 0334, 0358, 0359	RTC Project	\$742,453	\$8,272,077				\$500,000						
Right-of-way		No Design	\$593,962											
Construction			\$5,308,536						\$5,772,077					
PROJECT: Blue Diamond Wash Railroad														
Design/Admin	BDW5 0026		\$357,137	\$4,102,478										
Right-of-way			\$285,709							\$257,070				\$187,271
Construction			\$2,553,531							\$310,657				\$3,347,479
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones														
Design/Admin	DCW4 0298		\$513,315	\$8,147,595										
Right-of-way			\$410,852											
Construction			\$3,670,199											
SYSTEM: Lower Duck Creek		\$165,125,232	\$22,785,422	\$3,255,500	\$3,255,500	\$0	\$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		CLAO8Q13	\$135,537											
Construction		Eng. Est.	\$1,211,361							\$2,980,500				
SYSTEM: Central Duck Creek		\$24,649,321	\$56,428,342	\$4,807,417	\$290,582	\$600,000	\$3,916,835	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Duck Creek Wash, El Camino to Rainbow														
Design/Admin	DCWA 1775, 1803, 1827	Developer Participation	\$387,474	\$600,000										
Right-of-way			\$309,879											
Construction			\$2,770,438							\$600,000				
PROJECT: Duck Creek Haven Street														
Design/Admin	DCHV 0026, 0050, 0057		\$445,410	\$4,207,417					\$290,582					
Right-of-way			\$358,329							\$207,514				
Construction			\$3,184,884							\$3,709,320				

EXHIBIT C

CLARK COUNTY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

Fac ID Mike Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026							
				(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26			
TOTAL PLAN																
Unencumbered from previous year	\$42,587,979		Annual Resources	\$901,545,815	\$62,982,985	\$48,363,637	\$50,636,749	\$239,087,473	\$43,044,788	\$47,068,163	\$51,261,102	\$55,867,904	\$221,548,334	\$51,298,701		
Cumulative Available Resources				\$865,436,614	\$51,571,563	\$33,771,370	\$9,886,694	\$39,661,577	\$51,332,789	\$13,831,217	\$20,867,745	\$19,875,843	\$69,603,654	\$36,109,202		
ENTITY RESOURCES																
Unencumbered from previous year	\$2,956,013		Annual Resources	\$259,929,773	\$18,651,587	\$13,734,680	\$15,000,539	\$70,826,840	\$12,751,510	\$14,221,010	\$15,487,850	\$16,819,308	\$86,937,233	\$15,499,210		
Cumulative Available Resources				\$5,713,425	\$302,028	\$3,499,748	\$616,216	\$2,258,373	\$2,897,607	\$2,323,233	\$2,149,999	\$4,994,165	\$3,761,286			
ENTITY TOTAL				\$1,065,594,071	\$552,627,233	\$256,168,488	\$12,938,172	\$19,146,077	\$11,802,818	\$73,710,372	\$11,109,352	\$13,581,776	\$16,062,224	\$16,992,540	\$64,093,067	\$16,732,089
HYDROGRAPHIC BASIN: Outlying Areas				\$69,748,831	\$192,023,972	\$52,964,684	\$1,316,757	\$11,999,051	\$958,611	\$20,446,535	\$1,594,368	\$0	\$1,246,760	\$0	\$15,402,602	\$0
SYSTEM: Goodsprings				\$64,849	\$2,701,170	\$844,034	\$0	\$844,034	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Goodsprings - Phase I																
Design/Admin	GSEA 0000	Design Started 09/10	\$91,455					\$41,367								
Right-of-way	GSPA 0027 & 0029	GSP01B10	\$55,910					\$63,224								
Construction	GSRV 0019		\$653,904					\$739,443								
SYSTEM: Muddy River & Tributaries				\$25,323,000	\$118,662,000	\$21,982,478	\$350,000	\$9,542,740	\$0	\$12,089,738	\$0	\$0	\$0	\$0	\$0	
PROJECT: Fairgrounds - Detention Basin (Whipple Street)																
Design/Admin		Design Started 10/11	\$1,197,000				\$350,000	\$517,870								
Right-of-way	FGWS 0000 thru 0166	MOA03A11	\$0													
Construction			\$8,344,000					\$8,024,870								
PROJECT: Bryner Avenue to Lewis																
Design/Admin		MOA01B09	\$1,395,000						\$640,288							
Right-of-way	MRLV 0198, 0240, 0268, 0278		\$0													
Construction		Eng. Est.	\$9,978,000						\$11,449,450							
SYSTEM: Mount Charleston				\$304,564	\$894,337	\$1,036,147	\$77,536	\$0	\$958,611	\$0	\$0	\$0	\$0	\$0	\$0	
PROJECT: Rainbow Canyon Boulevard Bridge																
Design/Admin			\$118,849				\$77,536		\$55,371							
Right-of-way	MTCH 0001		\$0						\$903,240							
Construction			\$775,488													
SYSTEM: Laughlin				\$33,124,938	\$58,328,851	\$16,756,159	\$889,221	\$131,153	\$0	\$0	\$1,594,368	\$0	\$1,071,807	\$0	\$13,069,610	\$0
PROJECT: Bridge Canyon Detention Basin																
Design/Admin			\$1,110,088									\$873,143		\$617,545		
Right-of-way	LUHS 0415, 0416, 0417		\$0													
Construction			\$8,969,201											\$9,692,468		
PROJECT: Bridge Canyon Outfall																
Design/Admin			\$252,575									\$198,863		\$140,508		
Right-of-way	LUHS 0315, 0316, 0317		\$0													
Construction			\$1,883,212												\$2,619,090	
PROJECT: Hiko Detention Basin Expansion																
Design/Admin			\$193,302					\$131,153								
Right-of-way	LUHS 0244		\$0													
Construction			\$1,212,966												\$95,543	
PROJECT: SR 163 at Casino Drive																
Design/Admin		Design Started 08/09	\$68,081				\$42,858									
Right-of-way	LUBC 0000, 0001, 0005, 0006 & 0031	LAU04A08	\$24,526													
Construction			\$776,578												\$1,488,825	
SYSTEM: Searchlight				\$1,411,509	\$3,224,834	\$3,989,068	\$0	\$1,481,123	\$0	\$0	\$0	\$0	\$174,953	\$0	\$2,332,992	\$0
PROJECT: Searchlight - South, Encinitas St. Storm Drain																
Design/Admin		Design Started 09/10	\$173,481					\$78,470								
Right-of-way	SRSO 0000, 0010, 0021, 0030	SEA03A09	\$0													
Construction			\$1,240,394					\$1,402,653								
PROJECT: Searchlight - West																
Design/Admin			\$222,430									\$174,953		\$123,738		
Right-of-way	SRWE 0001 thru 0091		\$0													
Construction			\$1,588,526												\$2,209,254	
SYSTEM: Bunkerville				\$9,519,970	\$8,212,780	\$8,356,797	\$0	\$0	\$0	\$8,356,797	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Windmill Wash Detention Basin Expansion																
Design/Admin	WIWA 0039,	Design Started 10/11	\$1,537,304						\$752,483							
Design/Admin	WIJE 0000 &	BUN01D11	\$0													
Construction	JEWA 0165		\$6,214,352						\$7,604,334							

EXHIBIT C

CITY OF BOULDER CITY
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026				
					(Year 1) FY 18/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26
TOTAL PLAN				\$901,545,815										
Unencumbered from previous year	\$42,587,979			\$865,436,614	\$52,982,985	\$46,363,637	\$50,636,749	\$239,087,473	\$43,044,788	\$47,068,163	\$51,261,102	\$55,867,904	\$221,548,334	\$51,298,701
ENTITY RESOURCES				\$9,974,374										
Unencumbered from previous year	\$1,538,611				\$2,572,945	\$905,111	\$988,531	\$4,667,467	\$840,321	\$0	\$0	\$0	\$0	\$0
ENTITY TOTAL				\$8,217,806	\$2,558,252	\$481,113	\$119,182	\$4,657,579	\$401,680	\$0	\$0	\$0	\$0	\$0
HYDROGRAPHIC BASIN: Boulder City		\$44,844,167	\$38,244,252	\$8,217,806	\$2,558,252	\$481,113	\$119,182	\$4,657,579	\$401,680	\$0	\$0	\$0	\$0	\$0
SYSTEM: Georgia/Buchanan		\$12,183,226	\$1,794,645	\$2,158,836	\$0	\$24,191	\$119,182	\$1,708,368	\$305,097	\$0	\$0	\$0	\$0	\$0
PROJECT: Georgia Buchanan Confluence Facilities														
Design/Admin	GBGR 0003 &		\$170,542				\$119,182	\$81,838						
Right-of-way	GBBC 0004		\$0	\$1,827,548										
Construction			\$1,355,802				\$1,026,528							
PROJECT: Georgia Avenue Facilities - Vaquero Drive Bridge														
Design/Admin	GBGR 0099		\$35,655				\$24,191		\$17,623					
Right-of-way			\$0	\$329,289										
Construction			\$232,647						\$287,474					
SYSTEM: Hemenway		\$13,994,969	\$1,138,082	\$4,342,748	\$2,558,252	\$456,921	\$0	\$1,327,575	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Hemenway System, Phase IIA Improvements														
Design/Admin	HMTH 0034,	Design Started 09/10	\$36,551		\$175,000									
Right-of-way	HMLM 0068 & 0085,	BOU01C10	\$0	\$2,558,252										
Construction	HMWA 0158, 0173, 0175, & 0182	Eng. Est	\$259,441		\$2,383,252									
PROJECT: Hemenway System, Phase IIB Improvements														
Design/Admin	HMWA 0005, 0105	Design Started 09/10	\$35,887				\$16,232							
Right-of-way		BOU01C10	\$0	\$456,921										
Construction		Eng. Est	\$69,980				\$440,689							
PROJECT: Hemenway System, Phase IIC Improvements														
Design/Admin	HMLV 0006 & 0019	Design Started 09/10	\$67,090				\$86,851							
Right-of-way		BOU01C10	\$0	\$1,327,575										
Construction		Eng. Est	\$479,690				\$1,240,724							
SYSTEM: North Railroad		\$10,883,089	\$1,852,616	\$1,718,221	\$0	\$0	\$0	\$1,821,638	\$96,582	\$0	\$0	\$0	\$0	\$0
PROJECT: Wells Drive Levee Lining														
Design/Admin	NRIN 0088		\$11,297					\$13,946						
Right-of-way			\$0	\$96,582										
Construction			\$66,875					\$82,636						
PROJECT: North Railroad Conveyance														
Design/Admin	Phase 2 Const	Design Started 09/10	\$195,394				\$93,764							
Construction	NRIN 0010, 0031, 0082	BOU05J10	\$1,273,569	\$1,621,638			\$1,527,874							

EXHIBIT C

CITY OF MESQUITE
10-YEAR CONSTRUCTION PROGRAM

ADOPTED

	Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	FIRST FIVE YEARS 7/2016 THRU 6/2021					SECOND FIVE YEARS 7/2021 THRU 6/2026				
					(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19	(Year 4) FY 19/20	(Year 5) FY 20/21	(Year 6) FY 21/22	(Year 7) FY 22/23	(Year 8) FY 23/24	(Year 9) FY 24/25	(Year 10) FY 25/26
TOTAL PLAN				\$901,545,815										
Unencumbered from previous year	\$42,587,979			\$865,436,614	\$52,982,985	\$48,363,837	\$50,836,749	\$239,087,473	\$43,044,788	\$47,088,183	\$51,261,102	\$55,867,904	\$221,546,334	\$51,298,701
ENTITY RESOURCES				\$20,904,493	\$3,303,823	\$1,001,924	\$1,094,286	\$5,168,708	\$930,203	\$1,037,401	\$1,129,815	\$1,226,942	\$4,882,968	\$1,130,643
Unencumbered from previous year	\$2,158,655				\$3,020,300	\$3,637,776	\$1,804,988	\$2,665,825	(\$2,988,400)	(\$2,868,544)	(\$1,738,729)	(\$511,787)	\$4,371,181	\$5,501,824
ENTITY TOTAL		\$51,329,343	\$39,145,652	\$15,402,668	\$283,323	\$384,448	\$2,927,053	\$4,306,072	\$6,584,227	\$917,544	\$0	\$0	\$0	\$0
HYDROGRAPHIC BASIN: Mesquite		\$51,329,343	\$39,145,652	\$15,402,668	\$283,323	\$384,448	\$2,927,053	\$4,306,072	\$6,584,227	\$917,544	\$0	\$0	\$0	\$0
SYSTEM: Town Wash		\$22,881,796	\$10,064,098	\$10,760,683	\$283,323	\$384,448	\$0	\$4,306,072	\$5,786,840	\$0	\$0	\$0	\$0	\$0
PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash														
Design/Admin	TWMB 0000 thru 0044		\$425,768		\$283,323			\$208,400						
Right-of-way	TOWA 0120		\$340,614	\$4,589,395										
Construction			\$3,348,666					\$4,097,672						
PROJECT: Town Wash Mesa Boulevard, El Dorado to Chaparral														
Design/Admin	TWMB 0052, 0084, 0094		\$555,515	\$8,171,288		\$384,448		\$280,000						
Right-of-way			\$444,412											
Construction			\$4,369,128					\$5,506,775						
SYSTEM: Virgin River		\$0	\$18,421,812	\$4,641,985	\$0	\$0	\$2,927,053	\$0	\$797,388	\$917,544	\$0	\$0	\$0	\$0
PROJECT: Virgin River Flood Wall														
Design/Admin	VREC 0000, 0028, 0054	Design started 15/16	\$286,875	\$2,874,704			\$136,327							
Right-of-way		MES04A15	\$1,210,995											
Construction			\$2,833,055				\$2,738,377							
PROJECT: Virgin River Erosion Protection, Phase I														
Design/Admin	VREC 0203, 0323, 0508, 0519		\$73,440	\$1,787,282			\$52,348		\$36,136					
Right-of-way			\$632,855						\$797,388					
Construction			\$677,409						\$879,409					

EXHIBIT D

**EXHIBIT D
FISCAL YEAR 2016 - 2017
PROJECT LIST**

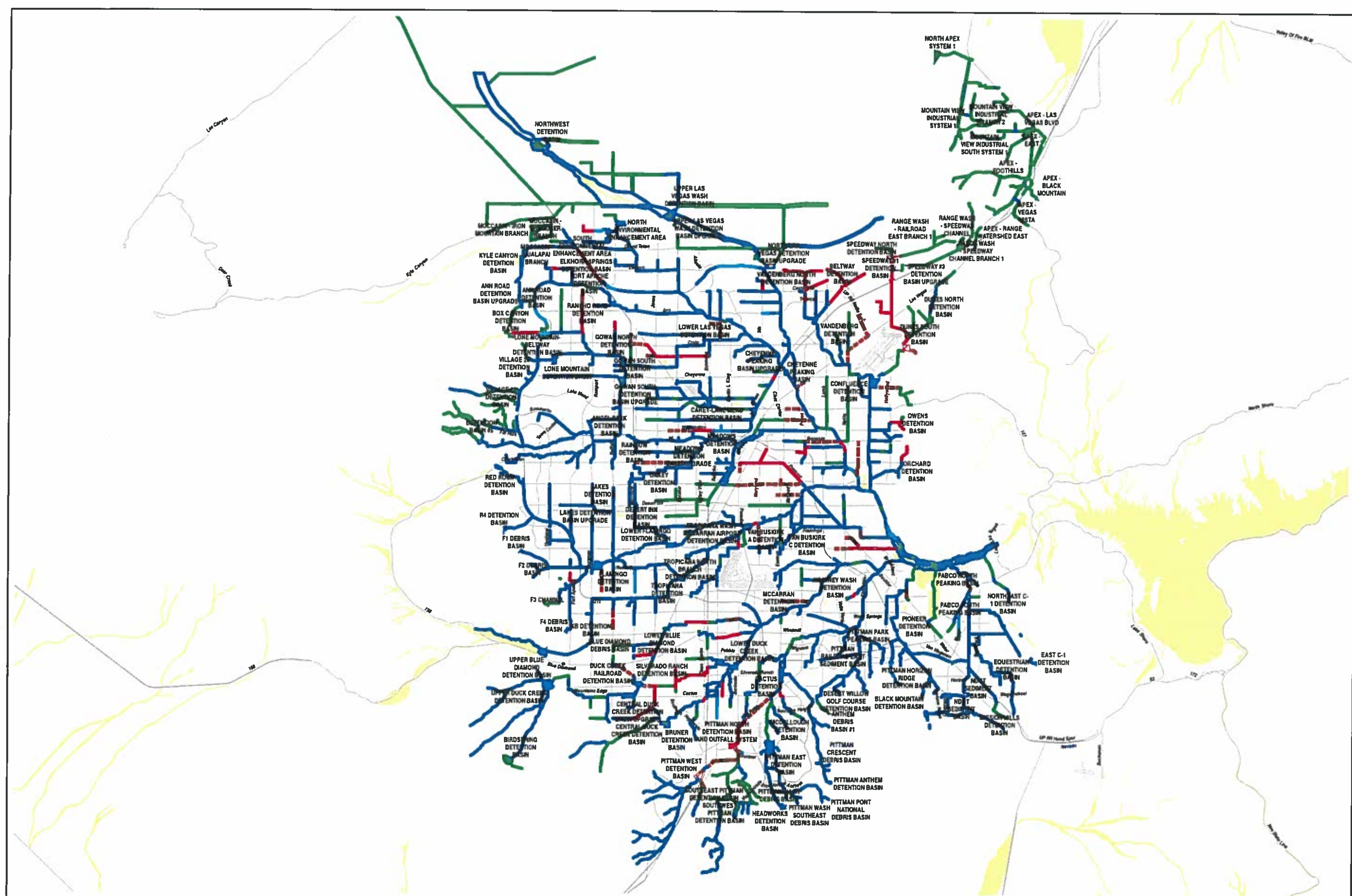
		Facility ID Mile Range	(Year 1) FY 16/17	(Year 2) FY 17/18	(Year 3) FY 18/19
ADOPTED		TOTAL ELIGIBLE YEAR 1	\$8,983,931		
		ENTITY TOTAL	\$0	\$0	\$8,983,931
HYDROGRAPHIC BASIN: PITTMAN			\$0	\$0	\$8,983,931
SYSTEM: Pittman Beltway			\$0	\$0	\$816,087
	PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights				
	Design/Admin	PTAP 0018			\$43,237
	Construction				\$772,851
SYSTEM: Upper Pittman			\$0	\$0	\$8,167,844
	PROJECT: Pittman North Detention Basin and Outfall				
	Design/Admin	PTNO 0180 thru 0182			\$544,848
	Construction				\$7,622,996
CITY OF LAS VEGAS		TOTAL ELIGIBLE YEAR 1	\$69,578,842		
		ENTITY TOTAL	\$10,998,058	\$24,619,376	\$33,961,408
HYDROGRAPHIC BASIN: CENTRAL			\$2,024,550	\$0	\$17,186,646
SYSTEM: LV Wash I-15 Tributary			\$499,294	\$0	\$0
	PROJECT: Freeway Channel - Washington, Rancho to Valley View				
	Design/Admin	LV15 0021	\$499,294		
SYSTEM: Sahara Boulder Highway			\$1,525,255	\$0	\$17,166,646
	PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Boulder Hwy				
	Design/Admin	FLBN 0167, 0180, 0205, 0281, 0312	\$1,128,043		
	Construction				\$910,581
	PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston				\$16,276,095
	Design/Admin	FLBN 0038			\$16,276,095
	Construction				
	PROJECT: Flamingo Wash - Maryland Parkway System				
	Design/Admin	FLMP 0000	\$307,213		
HYDROGRAPHIC BASIN: GOWAN			\$8,532,149	\$8,989,204	\$4,789,229
SYSTEM: Gowan North			\$8,532,149	\$8,989,204	\$4,789,229
	PROJECT: Gowan Box Canyon - Lone Mountain Road				\$253,734
	Design/Admin	GOBX 0015			\$253,734
	Construction				\$4,536,495
	PROJECT: Gowan Outfall - Alexander Rd., Allen to Simmons				
	Design/Admin	GOOF 0275, 0285	\$658,416		
	Construction				
	PROJECT: Gowan Outfall - Alexander Rd., Decatur to Allen				
	Design/Admin	GOOF 0325, 0375	\$1,268,740		
	Construction				
	PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road				\$478,249
	Design/Admin	GDEC 0000 thru 0078		\$478,249	
	Construction			\$8,512,955	
	PROJECT: Gowan North - Buffalo Branch, Lone Mountain to Washburn				
	Design/Admin	GOBU 0112, 0136	\$432,495		
	Construction				\$8,178,498
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH			\$441,359	\$15,630,172	\$11,965,533
SYSTEM: Ann Road			\$0	\$0	\$3,781,901
	PROJECT: Rancho Road System - Ekhorn, Grand Canyon to Hualapai				
	Design/Admin	RCHB 8293			\$200,344
	Construction				\$3,581,156
SYSTEM: Upper Western Tributary			\$441,359	\$15,630,172	\$8,204,032
	PROJECT: Centennial Parkway Channel West - US 95, CC 215 to Durango				
	Design/Admin	CN95 0000, 0068 & CNWE 0025		\$909,605	
	Construction			\$14,720,567	
	PROJECT: Centennial Parkway Channel West - US 95, Durango to Grand Teton				
	Design/Admin	CN95 0102, 0187			\$434,850
	Construction				\$7,769,382
	PROJECT: Brent Drainage System - Durango to El Capitan				
	Design/Admin	BRDB 0107, 0157	\$441,359		
CITY OF NORTH LAS VEGAS		TOTAL ELIGIBLE YEAR 1	\$51,899,786		
		ENTITY TOTAL	\$17,221,596	\$18,334,157	\$16,344,033
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH			\$5,809,549	\$0	\$4,231,512
SYSTEM: Lower Western Tributary			\$5,083,471	\$0	\$0
	PROJECT: Central Freeway Channel at Cheyenne				
	Design/Admin	LV15 0051	\$269,323		
	Construction		\$4,814,148		
SYSTEM: LV Wash Craig			\$726,078	\$0	\$4,231,512
	PROJECT: Fifth Street Collector - Centennial to Deer Springs				
	Design/Admin	LVSC 0000, 0002	\$308,991		\$219,232
	Right-of-way		\$419,088		
	Construction				\$4,012,280
HYDROGRAPHIC BASIN: RANGE			\$11,412,047	\$18,334,157	\$12,112,521
SYSTEM: Lower Range			\$603,317	\$505,832	\$0
	PROJECT: Orchard Collector - Charleston to Linden				
	Design/Admin	SLOK 0158	\$15,094		
	Construction		\$223,584		
	PROJECT: Owens Detention Basin & Outfall				
	Design/Admin	SLWA 0130 thru 0175 & SLOW 0000, 0005	\$364,638	\$226,632	
	Right-of-way				
SYSTEM: West Range			\$8,005,518	\$0	\$12,112,521
	PROJECT: Beltway Detention Basin & Channel				
	Design/Admin	RWRR 0187 thru 0281 & RWBE 0000	\$382,816		
	Right-of-way		\$665,232		
	Construction		\$8,528,725		
	PROJECT: Vandenberg North Detention Basin, Collection & Outfall				
	Design/Admin	RWWE 0352, 0397 thru 0439			\$665,343
	Construction				\$11,447,178
	PROJECT: Beltway Collection System - Pacos				
	Design/Admin	RWWE 0463 & RWBW 0000	\$429,940		
SYSTEM: East Range			\$2,805,212	\$17,828,525	\$0
	PROJECT: Hollywood System, Dunes South Detention Basin to Centennial Parkway				
	Design/Admin	RWHW 0000 thru 0277		\$844,557	
	Construction			\$18,983,968	
	PROJECT: Range Wash - Ann Branch				
	Design/Admin	RWAN 0000, 0050	\$821,889		
	Right-of-way		\$1,095,853		
	Construction				
	PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin				
	Design/Admin	RWHW 0300 thru 0412	\$380,346		
	Right-of-way		\$507,125		

**EXHIBIT D
FISCAL YEAR 2016 - 2017
PROJECT LIST**

CLARK COUNTY		TOTAL ELIGIBLE YEAR 1	\$38,947,611		
		ENTITY TOTAL	\$12,938,172	\$19,014,924	\$6,994,516
HYDROGRAPHIC BASIN: Tropicana/Flamingo			\$950,000	\$4,202,041	\$0
SYSTEM: Tropicana Flamingo Project			\$850,000	\$0	\$0
PROJECT: F4 Patrick Lane/ Fort Apache Road Lateral					
	Design/Admin	FLOQ 0150	\$150,000		
	Construction		\$800,000		
SYSTEM: Lower Flamingo			\$0	\$4,202,041	\$0
PROJECT: Airport Channel - Naples					
	Design/Admin	TRMC 0013, 0031		\$148,453	
	Construction			\$2,653,589	
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.					
	Design/Admin	FLWA 0093 & 0095		\$100,000	
	Construction			\$1,300,000	
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond			\$10,671,415	\$2,844,894	\$6,035,905
SYSTEM: Upper Duck Creek			\$7,125,333	\$2,344,864	\$2,119,070
PROJECT: Duck Creek Jones Boulevard					
	Design/Admin	DCJB 0000, 0043	\$542,588		\$387,487
	Construction				\$1,731,583
PROJECT: Blue Diamond Wash Pebble					
	Design/Admin	BDWA 5000		\$112,335	
	Right-of-way			\$224,669	
	Construction			\$2,007,981	
PROJECT: Blue Diamond Channel 02, Decatur - Pyle to Richmar					
	Design/Admin	BD02 0334, 0358, 0359	\$500,000		
	Construction		\$5,772,077		
PROJECT: Blue Diamond Wash Railroad					
	Right-of-way	BDWS 0028	\$310,657		
SYSTEM: Lower Duck Creek			\$3,255,500	\$0	\$0
PROJECT: Duck Creek @ Dean Martin					
	Design/Admin	DCWA 1446 & 1447	\$268,000		
	Construction		\$2,980,500		
SYSTEM: Central Duck Creek			\$290,362	\$600,000	\$3,916,835
PROJECT: Duck Creek Wash, El Camino to Rainbow					
	Construction	DCWA 1778, 1803, 1827		\$600,000	
PROJECT: Duck Creek Haven Street					
	Design/Admin	DCHV 0026, 0050, 0057	\$290,362		\$207,514
	Construction				\$3,709,320
HYDROGRAPHIC BASIN: Outlying Areas			\$1,316,757	\$11,867,898	\$958,611
SYSTEM: Goodsprings			\$0	\$844,034	\$0
PROJECT: Goodsprings - Phase I					
	Design/Admin	GSEA 0000		\$41,387	
	Right-of-way	GSPA 0027 & 0029		\$69,224	
	Construction	GSRV 0018		\$739,443	
SYSTEM: Muddy River & Tributaries			\$350,000	\$8,542,740	\$0
PROJECT: Fairgrounds - Detention Basin (Whipple Street)					
	Design/Admin	FGWS 0000 thru 0168	\$350,000	\$517,870	
	Construction			\$9,024,870	
SYSTEM: Mount Charleston			\$77,536	\$0	\$858,611
PROJECT: Rainbow Canyon Boulevard Bridge					
	Design/Admin	MTCH 0001	\$77,536		\$55,371
	Construction				\$903,240
SYSTEM: Laughlin			\$889,221	\$0	\$0
PROJECT: SR 163 at Casino Drive					
	Design/Admin	LUBC 0000, 0001, 0005, 0006 & 0031	\$42,658		
	Construction		\$846,563		
SYSTEM: Searchlight			\$0	\$1,481,123	\$0
PROJECT: Searchlight - South, Encinitas St. Storm Drain					
	Design/Admin	SRSO 0000, 0010, 0021, 0030		\$78,470	
	Construction			\$1,402,653	
BOULDER CITY		TOTAL ELIGIBLE YEAR 1	\$3,015,173		
		ENTITY TOTAL	\$2,558,252	\$458,921	\$0
HYDROGRAPHIC BASIN: Boulder City			\$2,558,252	\$458,921	\$0
SYSTEM: Hemenway			\$2,558,252	\$458,921	\$0
PROJECT: Hemenway System, Phase IA Improvements					
	Design/Admin	HMT4 0034, HMLM 0066 & 0085, HMWA 0158, 0173, 0175, & 0182	\$175,000		
	Construction		\$2,383,252		
PROJECT: Hemenway System, Phase IB Improvements					
	Design/Admin	HMWA 0005, 0105		\$18,232	
	Construction			\$440,689	
CITY OF MESQUITE		TOTAL ELIGIBLE YEAR 1	\$3,158,027		
		ENTITY TOTAL	\$283,323	\$0	\$2,874,704
HYDROGRAPHIC BASIN: Mesquite			\$283,323	\$0	\$2,874,704
SYSTEM: Town Wash			\$283,323	\$0	\$0
PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash					
	Design/Admin	TWMB 0000 thru 0044, TOWA 0120	\$283,323		
SYSTEM: Virgin River			\$0	\$0	\$2,874,704
PROJECT: Virgin River Flood Wall					
	Design/Admin	VREC 0000, 0028, 0054			\$138,327
	Construction				\$2,736,377

MAPS

TEN-YEAR CONSTRUCTION PROGRAM LAS VEGAS VALLEY



LEGEND

Conveyances STATUS

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

Detention Basins STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



1 inch = 4.5 miles

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

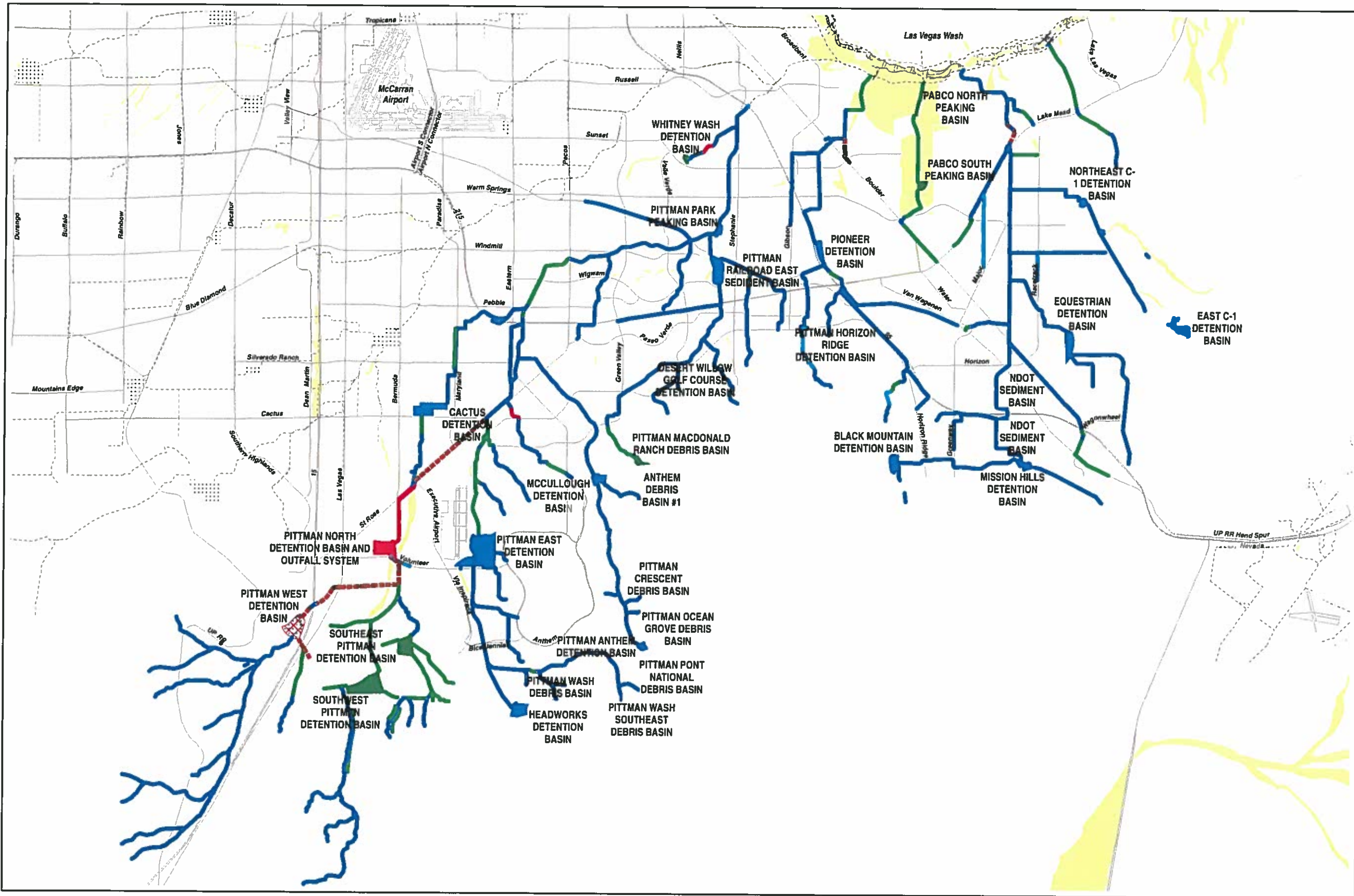
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMD
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
FEMA 2002 DIGITAL FIRMS. 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 89106-4011.

May 2016



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

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.

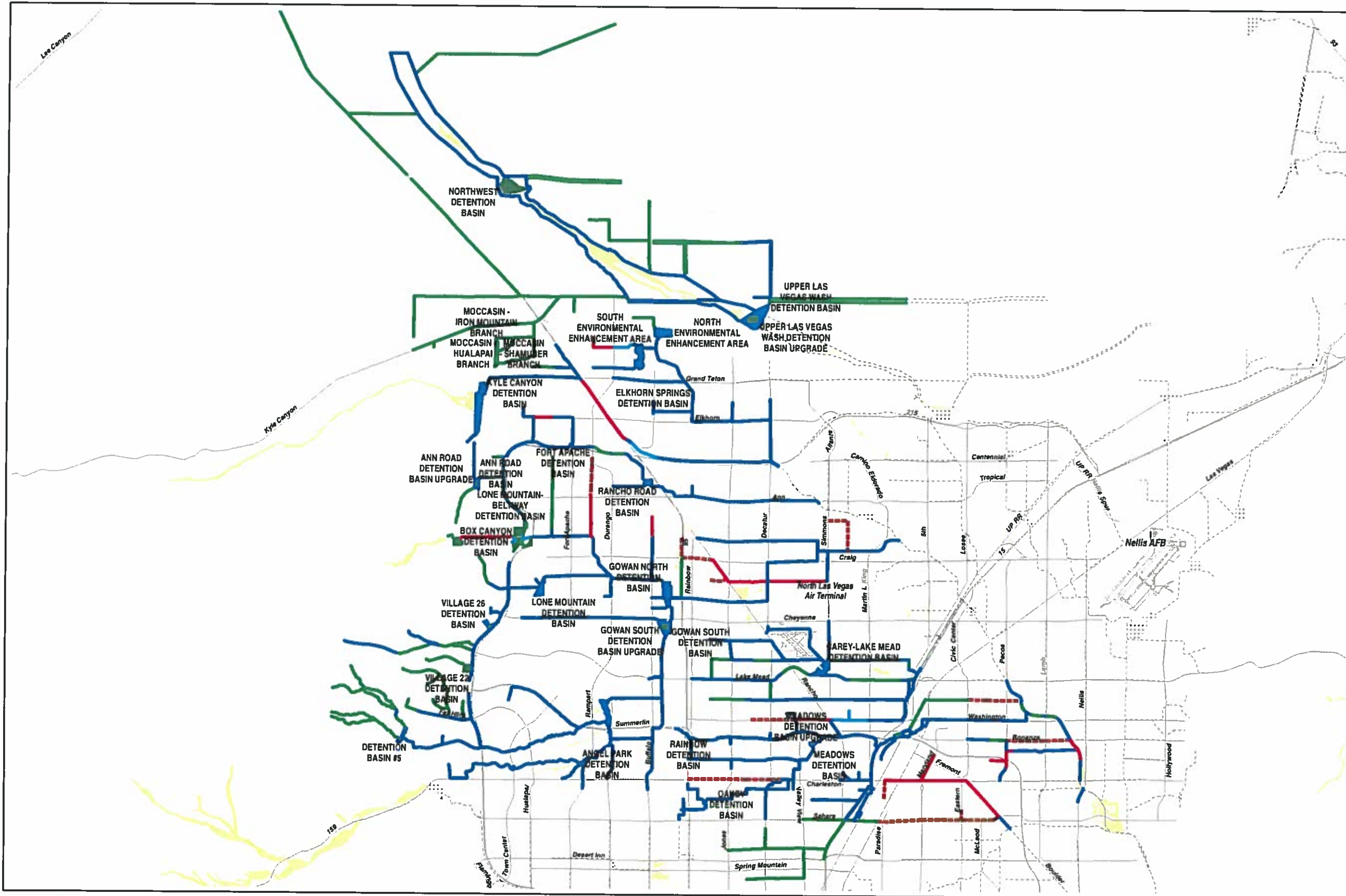
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GDMO
FEMA

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 INFORMATION IS 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 89106-4811.

May 2016



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

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1 inch = 2.44 miles

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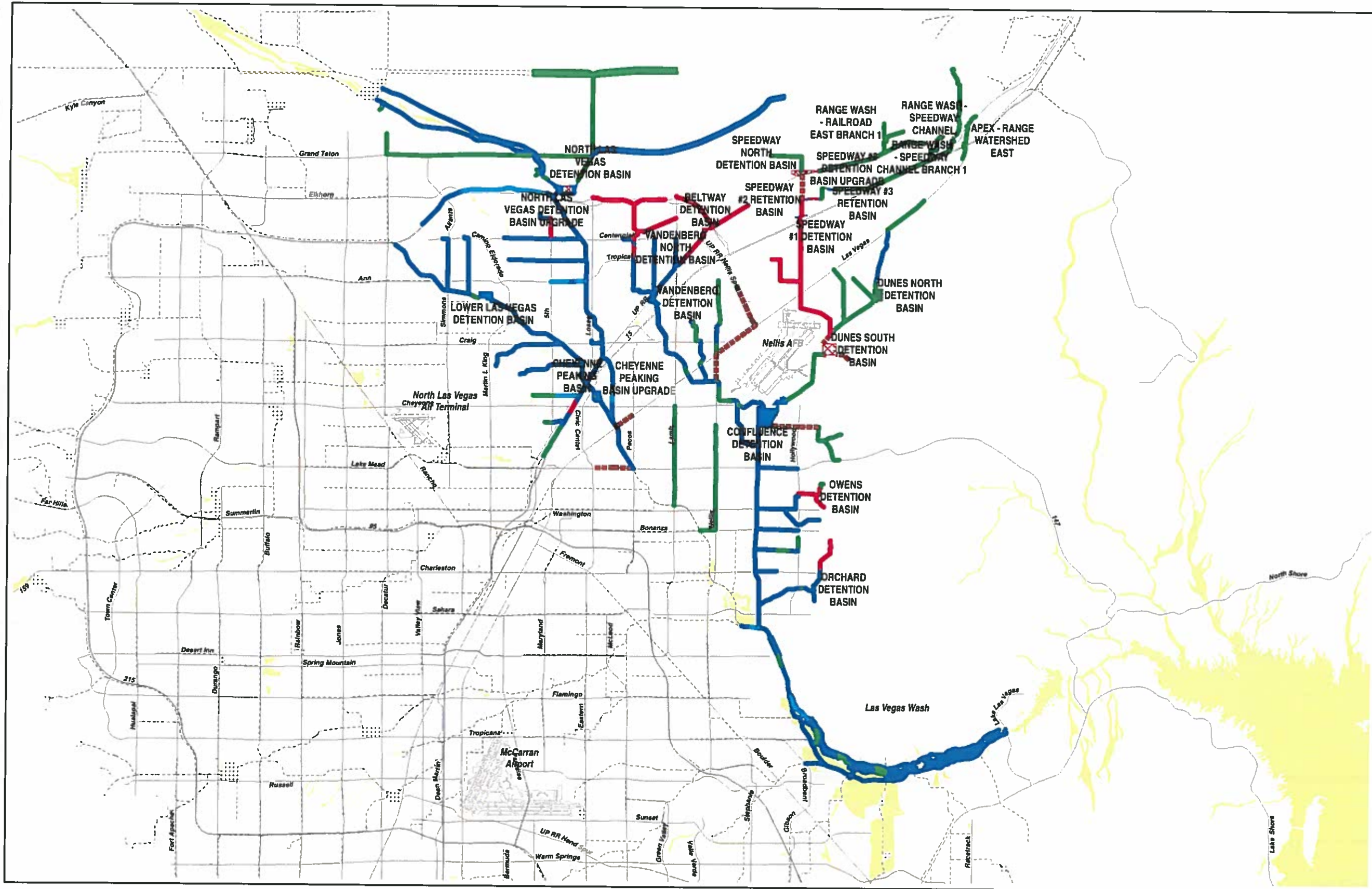
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISD
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
FEMA 1989 DIGITAL FIRM. NOT THE EFFECTIVE FIRM. ALL INFORMATION IS SUBJECT TO CHANGE. NO LIABILITY IS ASSIGNED FOR THE ACCURACY OF THE DATA DELINEATED HEREON. ALL INCLUDES INTO THE STATUS OF CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT FACILITIES SHOULD BE MADE TO THE DISTRICT OFFICE AT 808 S. GRAND CENTRAL PKWY, SUITE 200, LAS VEGAS, NEVADA 89109-4511.

May 2016



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

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

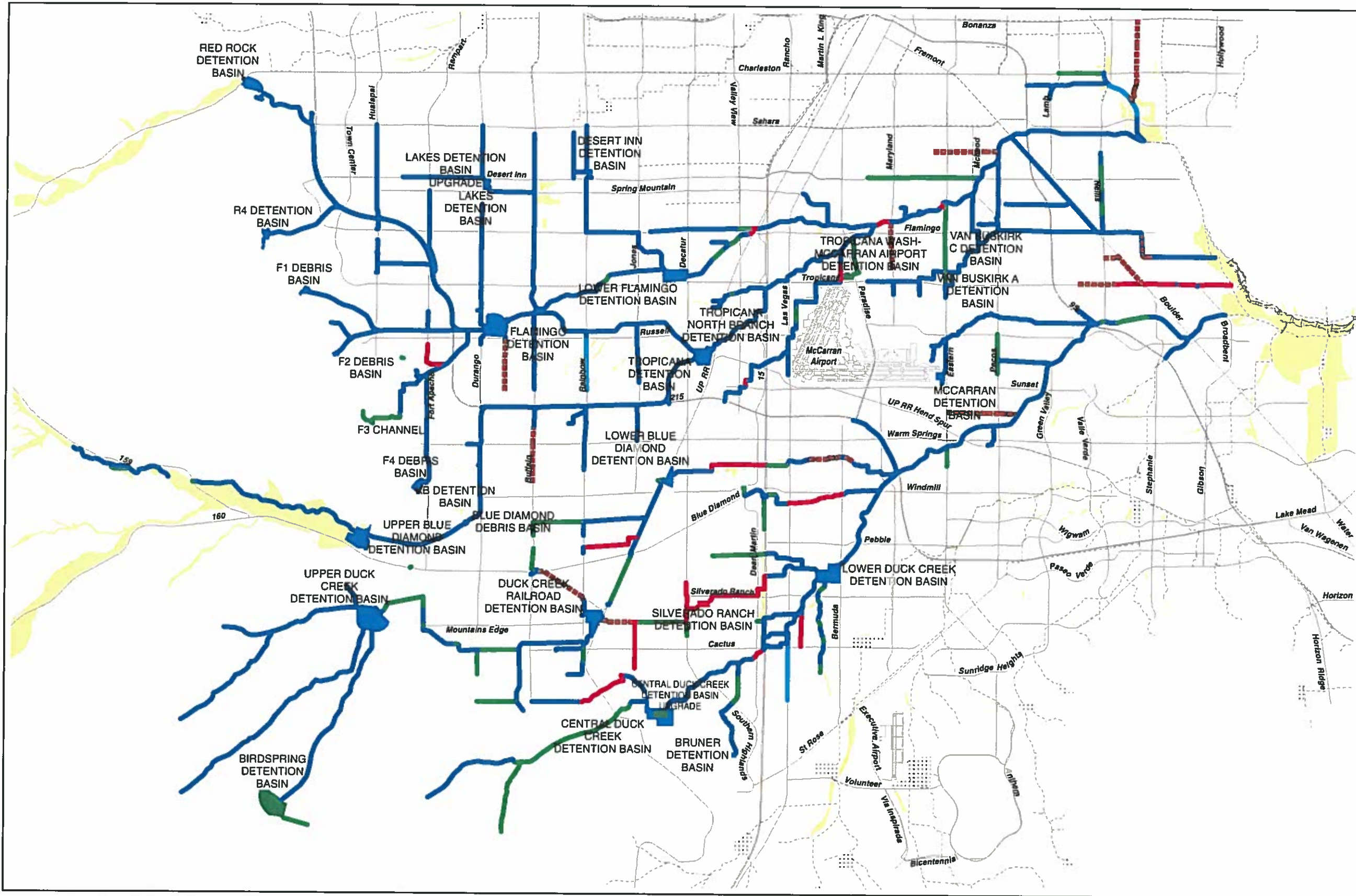
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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 HEREIN. ALL INFORMATION WITH THE STATUS OF CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT FACILITIES SHOULD BE MADE TO THE DISTRICT OFFICE AT 400 S. GRAND CENTRAL BLVD., SUITE 300, LAS VEGAS, NEVADA 89109-4811.

May 2016



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

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.

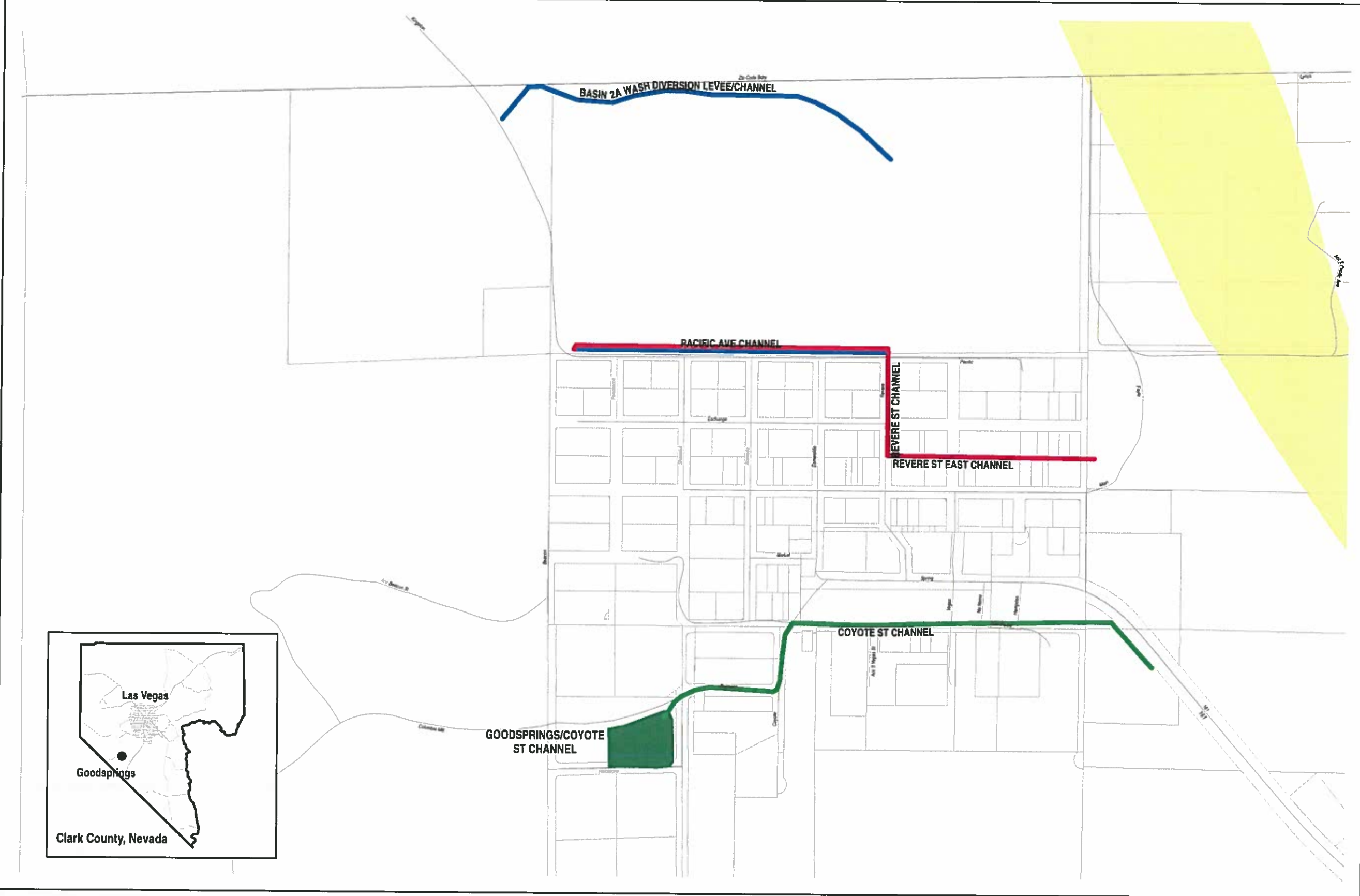
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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 INFORMATION IS THE STATUS OF CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT FACILITIES SHOULD BE MADE TO THE DISTRICT OFFICE AT 400 S. GRAND CENTRAL, SUITE 300, LAS VEGAS, NEVADA 89102-4311.

May 2016



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

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.

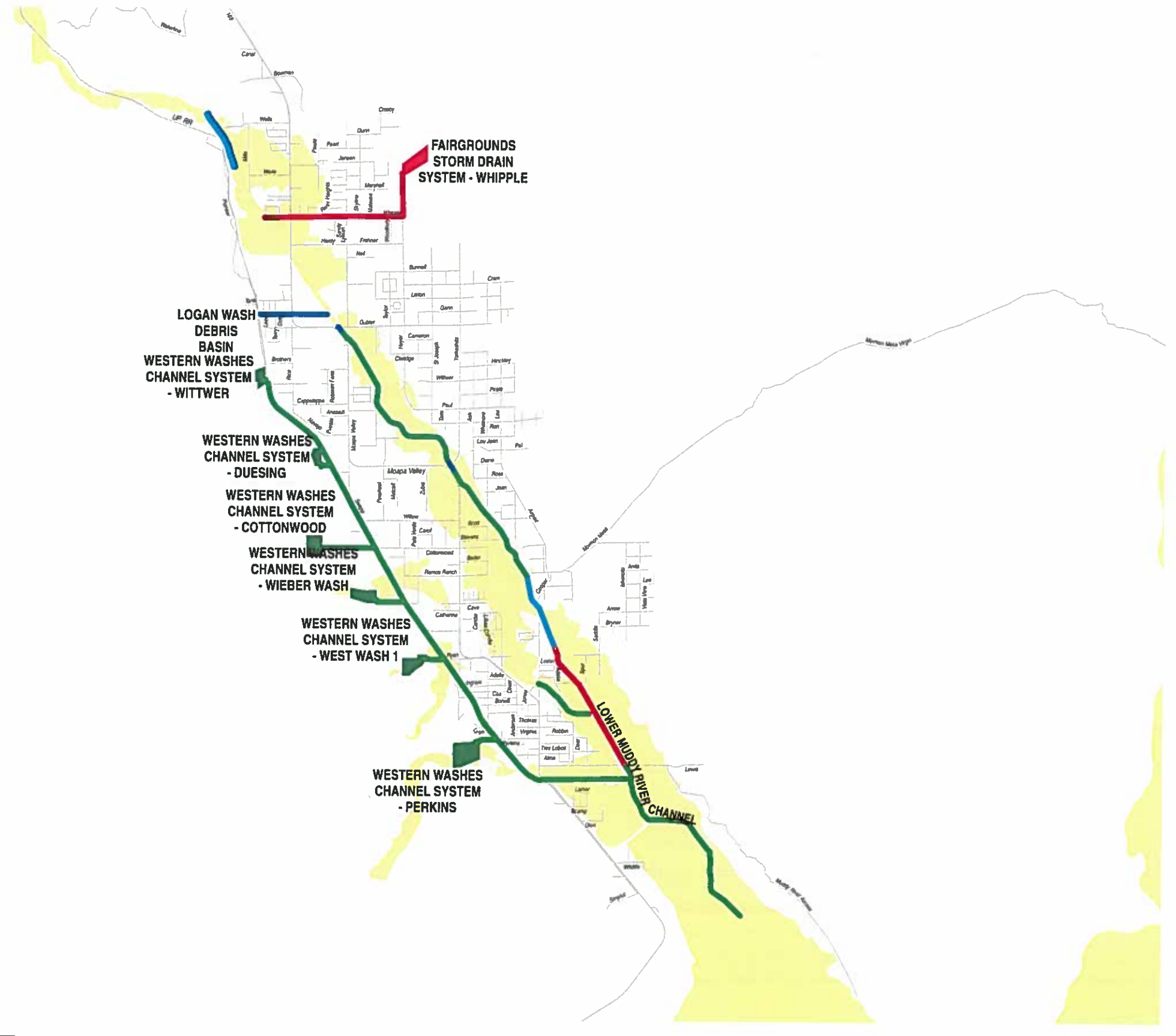
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GIS/D
FEMA

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 SHOWN INTO THE STATUS OF CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT FACILITIES SHOULD BE MADE TO THE DISTRICT OFFICE AT 809 S. GRAND CENTRAL PKWY, SUITE 300, LAS VEGAS, NEVADA 89106-4811.

May 2016



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

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.

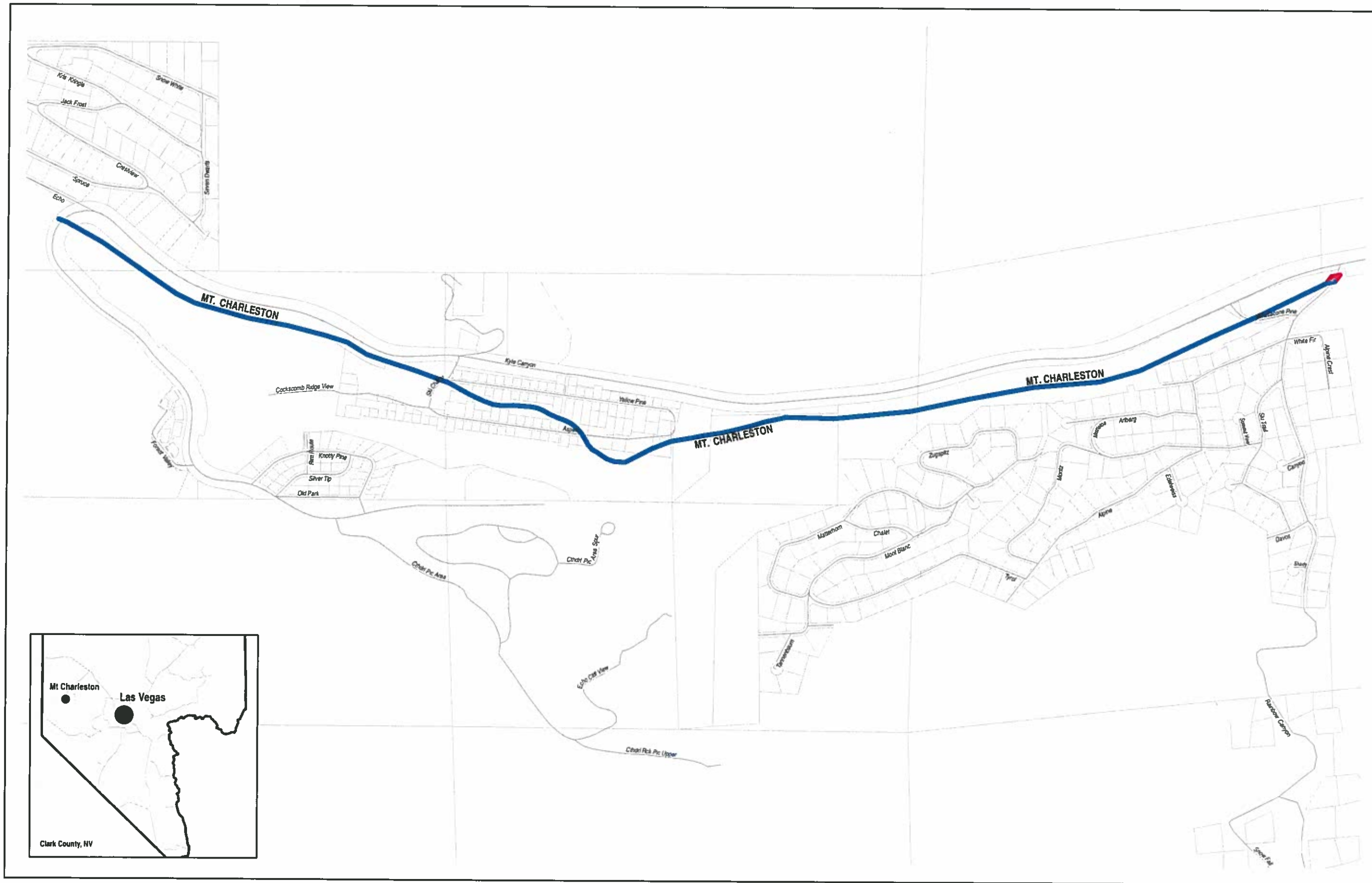
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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 89106-4811.

May 2016



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



Legend

Convoynances

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

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.

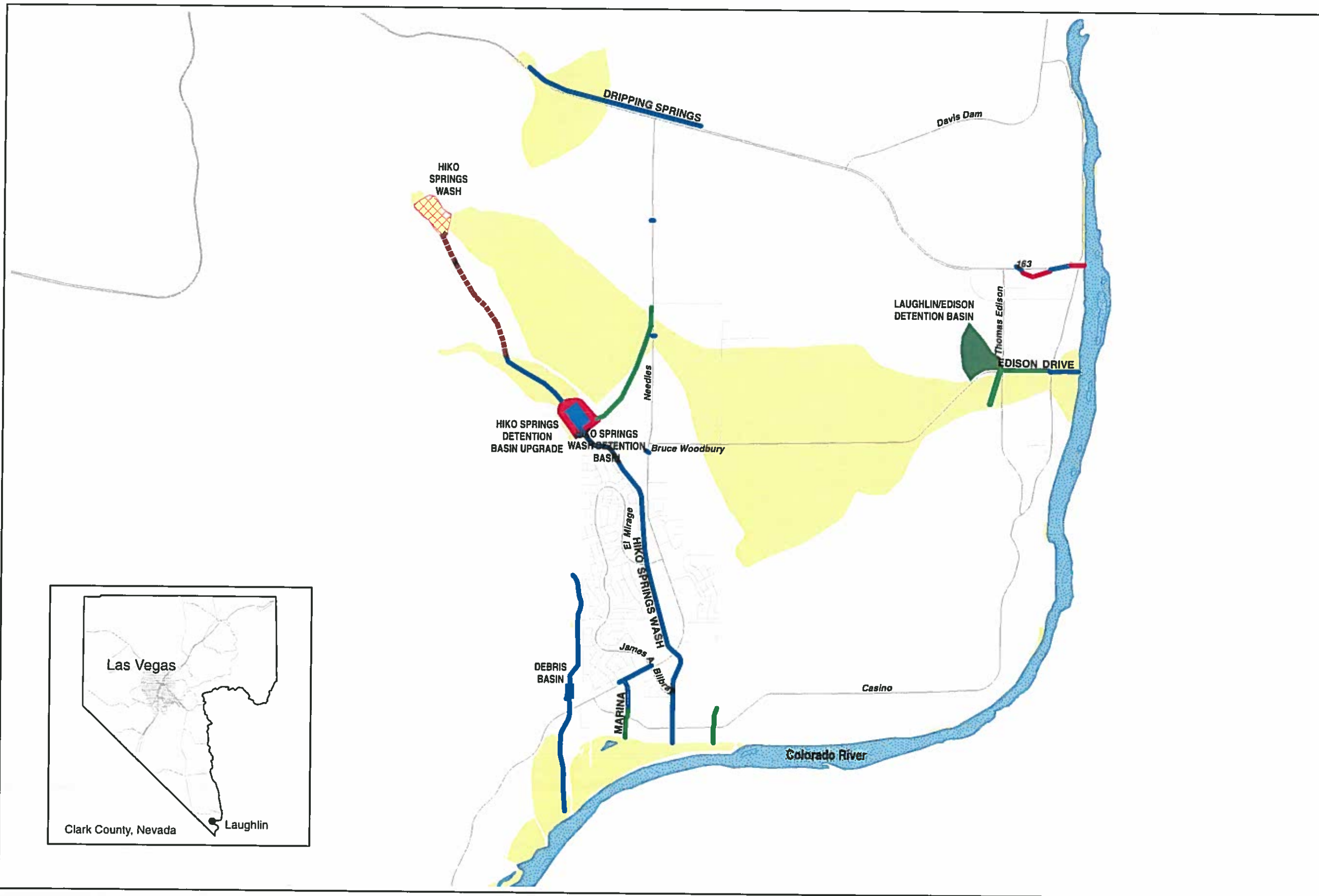
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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 608 S. GRAND CENTRAL PKWY, SUITE 200, LAS VEGAS, NEVADA 89106-4811.

May 2016



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

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 ORSD
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 906 S. GRAND CENTRAL, P.O. BOX 906, LAS VEGAS, NEVADA 89109-4611.

May 2016



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

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.

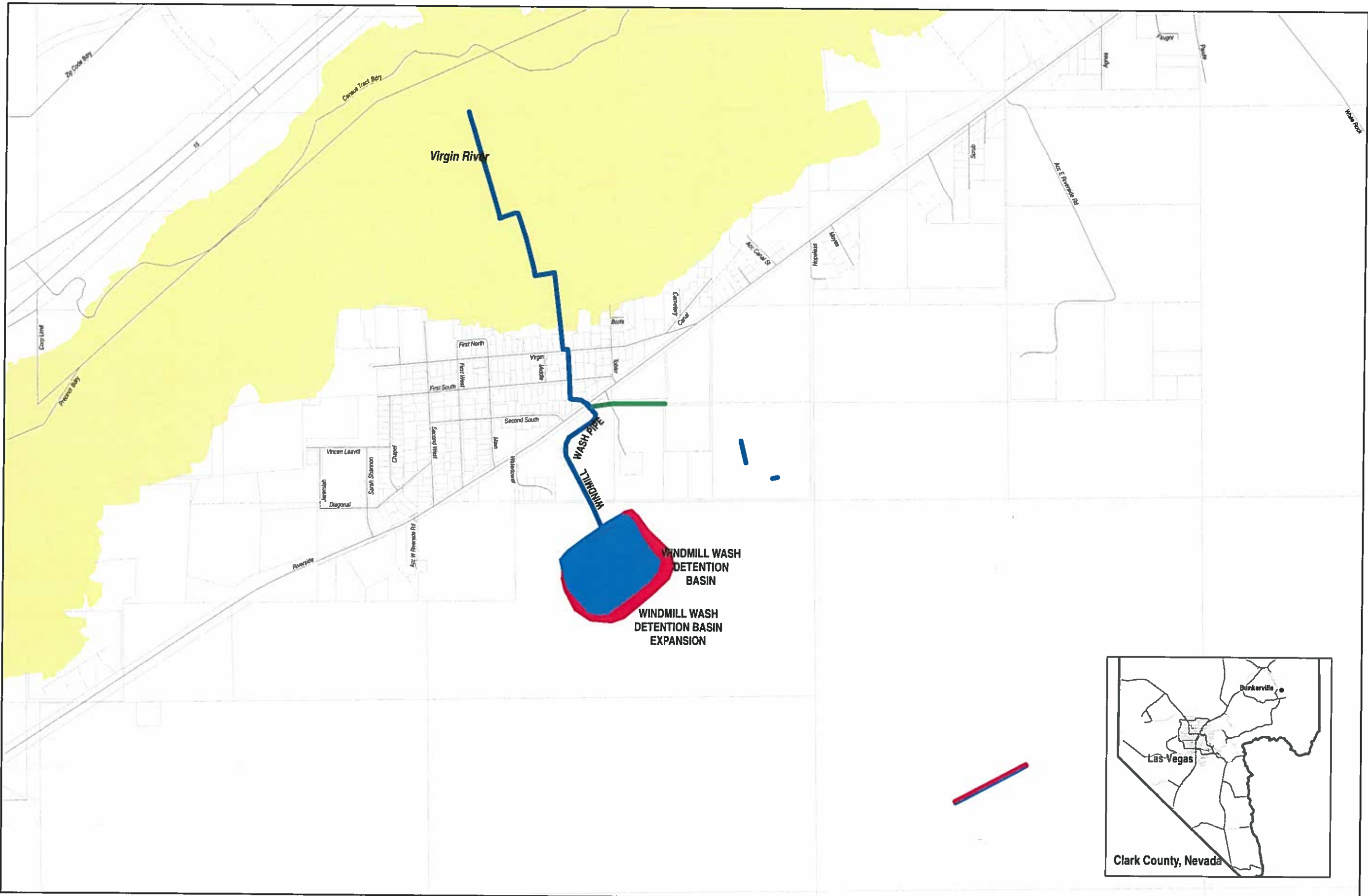
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMD
FEMA

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 809 S. GRAND CENTRAL PKWY, SUITE 300, LAS VEGAS, NEVADA 89106-4811.

May 2016



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.

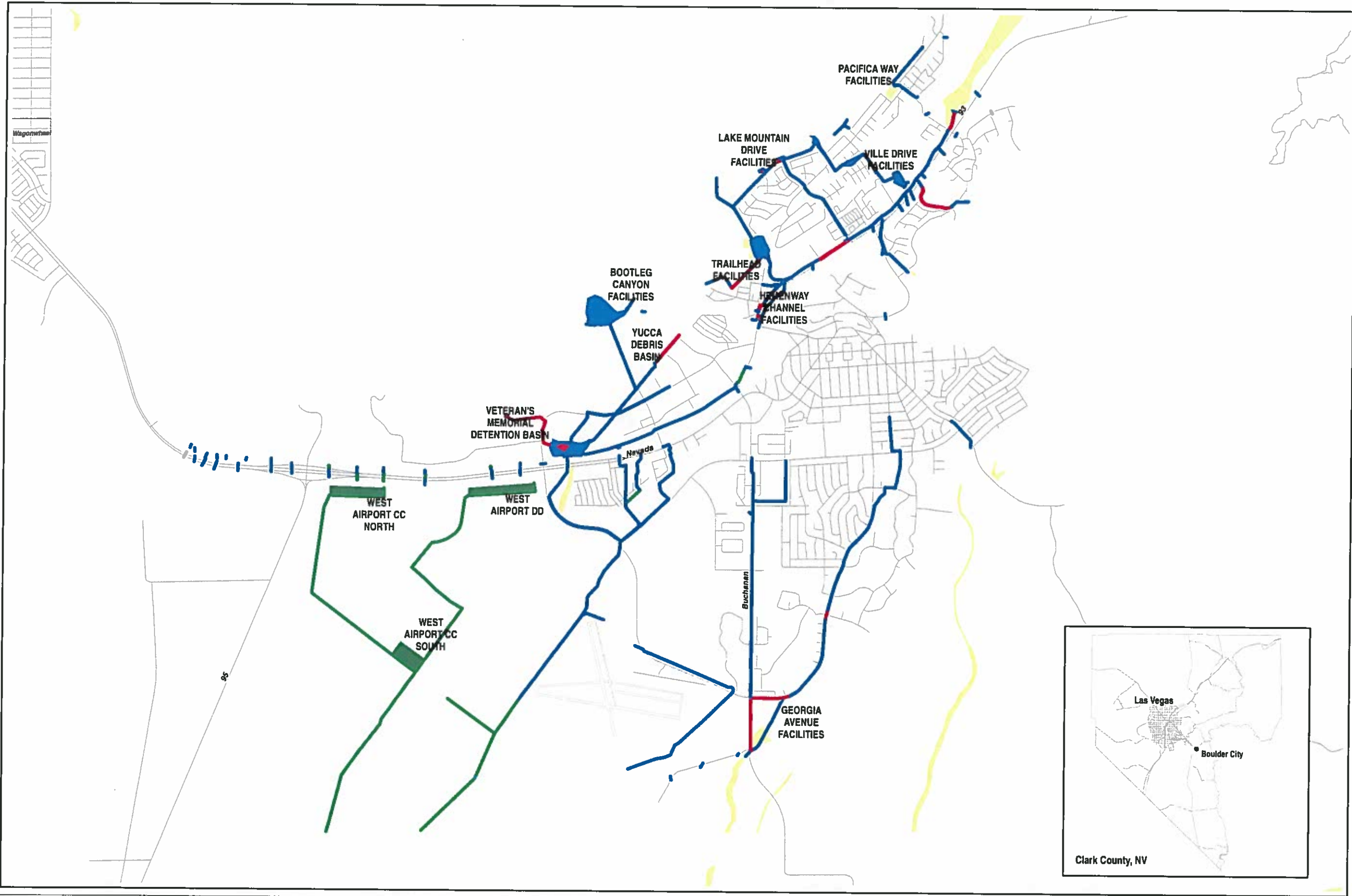
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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 PARKWAY, SUITE 300, LAS VEGAS, NEVADA 89106-4811.

May 2016



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 ASSURED FOR THE ACCURACY OF THE DATA DELINEATED HEREON.

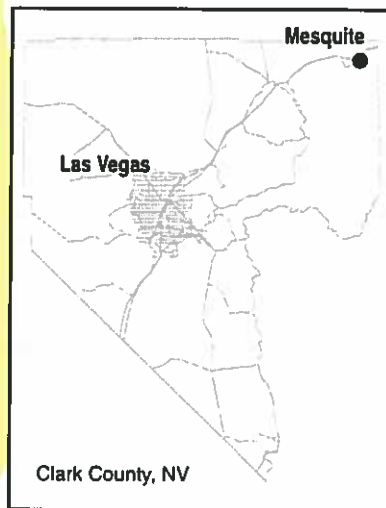
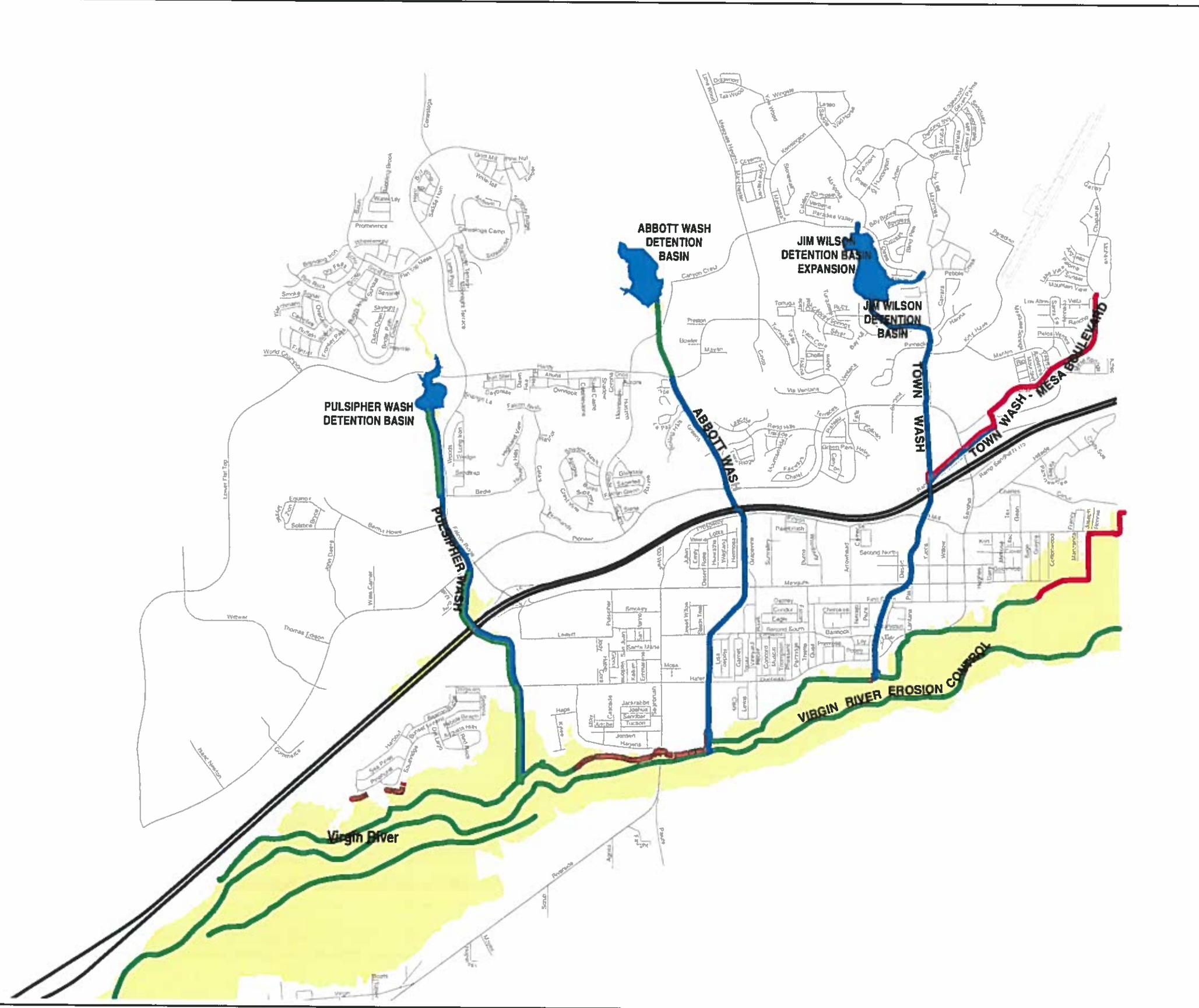
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY SRMS
FEMA

FLOOD INSURANCE (FIRM) INFORMATION FROM 2002 DIGITAL FIRM. NOT THE EFFECTIVE FIRM. ALL INFORMATION IS SUBJECT TO CHANGE. NO LIABILITY IS ASSURED FOR THE ACCURACY OF THE DATA DELINEATED HEREON. ALL INQUIRIES INTO THE STATUS OF CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT FACILITIES SHOULD BE MADE TO THE DISTRICT OFFICE AT 600 S. GARLAND CENTRAL PAVY SUITE 200 LAS VEGAS, NEVADA 89106-4811.

May 2018



TEN-YEAR CONSTRUCTION PROGRAM MESQUITE PLANNING AREA



LEGEND

Conveyances STATUS

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

Detention Basins STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



1 inch = 0.6 miles

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

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

FLOOD INSURANCE (FIRM) INFORMATION:
FEMA 2012 DIGITAL FIRMS. NOT THE EFFECTIVE FIRMS. ALL INFORMATION IS SUBJECT TO CHANGE. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA DELINEATED HEREON. ALL SHOWN 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 204, LAS VEGAS, NEVADA 89106-4511.

May 2016

