

TEN-YEAR CONSTRUCTION PROGRAM

REGIONAL FLOOD CONTROL DISTRICT



**FISCAL YEAR 2018
THROUGH
FISCAL YEAR 2027**

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

**ADOPTED
JUNE 8, 2017**

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

TEN-YEAR CONSTRUCTION PROGRAM

FISCAL YEAR 2018

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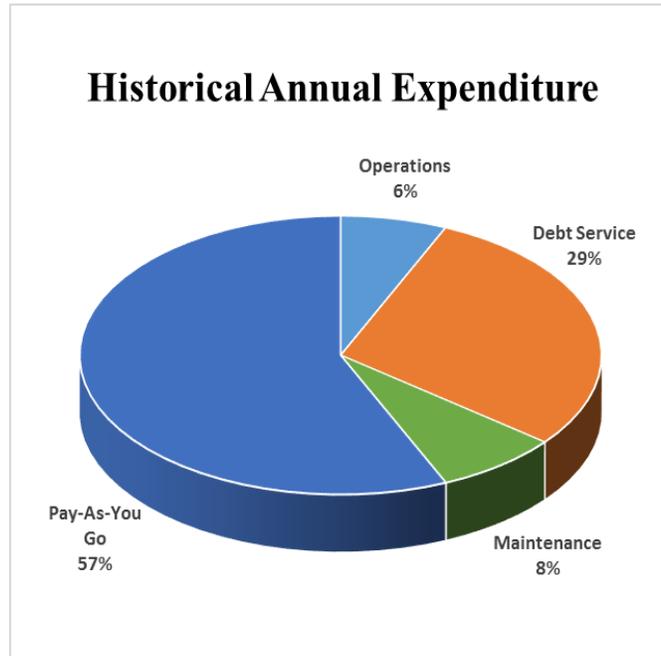
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Capital Improvement Program

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 8, 2017, for Fiscal Year 2017-18. Board approval of the TYCP and the fiscal year project list does not authorize funding of any project and does not commit the District to expend any funds.



The TYCP consumes all revenues that the District receives that are not allocated to Operations (Fund 2860), Debt Service (Fund 3300), or the Maintenance Work Program (Fund 2870). A pie chart representing the historical annual expenditures for a fiscal year is depicted above. The TYCP revenues are derived from the one quarter of one percent of 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 one quarter of one percent of Sales Tax Revenues were received and projected through the end of June 2017, the District has received over \$1,735,096,782 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 \$1,763,097,117 in projects through May 2017.

FISCAL YEAR 2018 THROUGH FISCAL YEAR 2027 TYCP

The TYCP is an estimate of when funding will be requested. Available revenues for the TYCP are estimated to be \$900,864,909. 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.

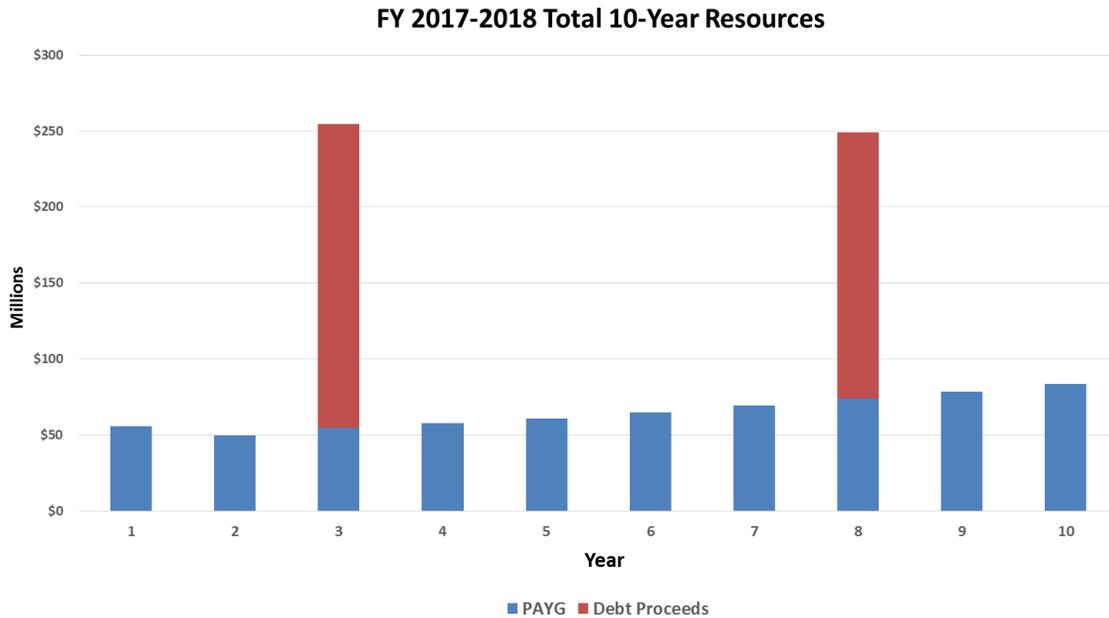
REGIONAL FLOOD CONTROL DISTRICT – FY 2018 THROUGH FY 2027

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 1.6% growth rate from prior years' revised budget (\$99,100,000), a 4.9% growth rate for Year 2, a 4.7% growth rate for Year 3, a 4.2% growth rate for Year 4, and a 4.0% growth rate for Year 5 through 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: 5.0% for FY 2017-18, 4.0% for Year 2018-19 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 2018 THROUGH FY 2027

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.



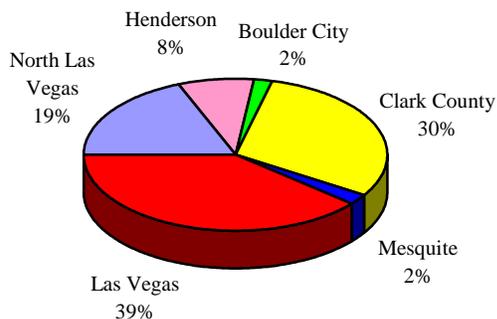
Flood control projects are fairly standard in nature and typically follow a design time of 1-2 years and a construction time of 2-3 years. The minimum level of expenditures for assets to be classified as capital assets for the District is \$5,000.00 and we comply with all adopted GAAP requirements. The 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 2017-18 are: \$201,542,898 for Fund 4430 and \$20,276,914 for Fund 4440 which includes previously approved and new projects planned for FY 2017-18.

REGIONAL FLOOD CONTROL DISTRICT – FY 2018 THROUGH FY 2027

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

Prorated Share of Funding

Based on Master Plan



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.

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 2018 THROUGH FY 2027

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 612 miles of channel and underground storm drains, of which 128 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	
2018	Approved Budget	\$	8,000,000
2019	25.0%	\$	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
2027	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 sixteenth 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).

In FY 2017, there were no requests for funding for the Local Drainage Program.

REGIONAL FLOOD CONTROL DISTRICT – FY 2018 THROUGH FY 2027

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

Fiscal year	Factor	TYCP Local Drainage Budget Projection	
2018	Approved Budget	\$	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
2027	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 \$849,649,219 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 47% 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 \$198,579,358.

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 concrete channel and 16' x 8' reinforced concrete box culvert 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 \$7.0 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. Design is underway. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$0.86 million for this project.

**Pittman Beltway – 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 Executive Airport Drive to Spencer Street to. Design and Right-of-Way Acquisition are programmed in FY 19/20. Construction funding is programmed in FY 22/23. The TYCP includes approximately \$15.2 million for this project.

**Lower Pittman – Whitney Wash Channel (PV = 91.5)
WWDC 0069** – This project consists of a concrete lined open channel connecting two existing reaches between Sunset Road and Galleria Drive. Design is underway. Additional design is programmed in FY 19/20. Construction funding is programmed in FY 20/21. The TYCP includes approximately \$3.0 million for this project.

**Lower Pittman – Pittman Wash, Eastern to Pecos (PV = 77.0)
PTWA 0346 through 0486** – This project consists of concrete channel improvements, extending from Eastern Avenue to Topaz Street, south of Pebble Road; bank stabilized channel between Topaz Street and Pecos Road, and four (4) 10'x5' reinforced concrete box culverts under Wigwam Parkway. Design is programmed in FY 25/26. The TYCP includes approximately \$1.1 million for this project.

**Pittman Pabco – Warm Springs Road to Lake Mead Parkway (Boulder Highway) (PV = 77.0)
PTPA 0261 through 0325** – This project consists of reinforced concrete box ranging from 8'x5' to 10'x5' along Boulder Highway from Lake Mead Parkway to Warm Springs Road and dual 6'x4' reinforced concrete box culverts under Boulder Highway. Design is programmed in FY 24/25. The TYCP includes approximately \$0.68 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 Executive Airport Drive. Design is underway. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$19.4 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 25' x 8' reinforced concrete box culvert and concrete channel improvements in Bermuda Road extending from Larson Lane to the Pittman North Detention Basin. Design and Right-of-Way Acquisition are programmed in FY 21/22. Construction funding is programmed in FY 24/25. The TYCP includes approximately \$5.0 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 a 12' x 4' reinforced concrete box culvert and concrete channel improvements along Larson Lane from Las Vegas Boulevard to Bermuda Road. Design and Right-of-Way Acquisition are programmed in FY 24/25. Construction funding is programmed in FY 26/27. The TYCP includes approximately \$9.7 million for this project.

C-1 – Cadiz Storm Drain – Racetrack to Pueblo (PV = 86.0)

C1CA 0000 – This project consists of 84" reinforced concrete pipe in Cadiz Avenue from Racetrack Road to an existing concrete channel on the west side of Pueblo 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 \$3.4 million for this project.

C-1 – Four Kids Wash – Lake Mead to Eagle Rock Road (PV = 81.0)

C1FK 0040 – This project consists of concrete channel improvements extending northwest from four (4) existing 6' X 3' reinforced concrete box culverts under Lake Mead Parkway to an existing 12'x4' reinforced concrete box culvert under Eagle Rock Street. Design is programmed in FY 23/24. Construction funding is programmed in FY 26/27. The TYCP includes approximately \$0.88 million for this project.

C-1 – C-1 Channel, SNWA Drop Structure to Lake Mead (PV = 86.5)

C1CH 0161, 0173 and 0204 – This project consists of open channel improvements for C-1 Channel from Lake Mead Parkway 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 \$5.7 million for this project.

C-1 – Burkholder to Warm Springs (Lake Mead Parkway) (PV = 83.0)

C1LM 0141, 0144, 0156, 0158, 0182 and 0184 – This project consists of concrete channel improvements on the east side Lake Mead Parkway from Warm Springs Road to Burkholder Boulevard and a 10'x5' reinforced concrete box culvert under Lake Mead Parkway connecting to the existing downstream concrete channel. Design and Right-of-Way Acquisition are programmed in FY 22/23. Construction funding is programmed in FY 25/26. The TYCP includes approximately \$2.9 million for this project.

The funding programmed for the C-1 Channel and Pittman Wash Planning Areas in Henderson totals approximately \$74.8 million on the TYCP.

LAS VEGAS

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

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

Alta Parallel System

Alta Storm Drain

Part of the Meadows Detention Basin Collection System

Angel Park Detention Basin Expansion

Angel Park Outfall Storm Drain

Vegas Drive between Angel Park Detention Basin and the Buffalo Channel

Ann Road Channel West – Rainbow Boulevard

Ann Road Detention Basin Facilities

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, CC215 to Grand Teton and US95 Crossing at Kyle Canyon Road

Centennial Parkway Channel West – US95 Crossing

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

Las Vegas (continued)

Cheyenne Channel

Gowan South Detention Basin to Buffalo Drive

Cheyenne Crossings

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

Colorado Avenue System

Clark County is the Lead Entity

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

Durango Drive Storm Drain

Between Charleston Boulevard and Angel Park Detention Basin

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)

Las Vegas (continued)

Gowan North – Buffalo Branch, Lone Mountain to Washburn Road

Gowan North Channel, El Capitan Way to the Beltway

Gowan North Channel – Phases I & II

Northern Gowan Detention Basin to Durango including the Durango Branch

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

Gowan Outfall, Craig Road to Channel

North Las Vegas is the Lead Entity

Gowan Outfall – Lone Mountain Branch, Decatur Boulevard to Channel

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

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

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 (continued)

Las Vegas Wash – Decatur & Elkhorn, CC 215

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

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

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

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

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

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

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

Las Vegas (continued)

Owens Avenue System (Rancho Drive to I-15)

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

Peak Drive System (Jones Boulevard to Michael Way)

Rampart Storm Drain

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

Rancho Detention Basin, Phase II

Rancho Road System: Durango Drive US-95 Interchange

Rancho Road System – El Campo Grande Storm Drain

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 \$660,223,766.

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 = 75.0)

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 23/24 and construction funding is programmed in FY 26/27. The TYCP includes approximately \$8.8 million for this project.

Las Vegas (continued)

Central – Freeway Channel – Washington, Rancho Drive to Valley View Boulevard (PV = 85.5)

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 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$8.0 million for this project.

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

LVMD 1121 and 1149 – This project consists of 70' to 90' wide by 10' to 10.5' deep open channel improvements within the Las Vegas Wash, extending from Bonanza Road to Stewart Avenue. This project is currently under design. Additional design funding is programmed in FY 18/19. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$5.5 million for this project.

Central – Meadows – Charleston, Essex to Lindell (PV = 81.5)

MECN 0000, 0061 – This project consists of an 8' x 7' and 9' x 8' reinforced concrete box culvert in Charleston Avenue extending from Lindell Road to Essex Drive. Design is programmed in FY 21/22 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$10.1 million for this project.

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

MECN 0123, 0223 – This project consists of a 6' x 5' and 8' x 6' reinforced concrete box culvert in Charleston Avenue extending from Rainbow Boulevard to Lindell Road. Design is programmed in FY 22/23 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$13.5 million for this project.

Central – Cedar Avenue Channel Improvements (PV = 87.5)

CACN 0001, 0035 and CNST 0000 – This project consists of a 6' x 6' and 10' x 9' reinforced concrete box culvert in Pecos Road extending from approximately 700 feet south of 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 18/19. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$8.2 million for this project.

Central – Owens Avenue East – Las Vegas Wash to Mojave Road (PV = 85.0)

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 \$16.7 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 \$8.8 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 \$18.2 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 \$3.5 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 23/24. Construction funding is programmed in FY 25/26. The TYCP includes approximately \$17.2 million for this project.

Central – Boulder Highway Sahara Avenue – LV Blvd to Maryland Parkway (PV = 75.0)

BHSA 0175 – This project consists of a 14' x 14' reinforced concrete box culvert in Sahara Avenue from Las Vegas Boulevard to Maryland Parkway. Design is programmed in FY 24/25. The TYCP includes approximately \$1.8 million for this project.

Central – Flamingo – Boulder Highway North, Charleston – Main to Maryland (PV = 86.0)

FLBN 0281, 0312 – This project consists of a reinforced concrete box ranging in size from 7' x 4' to 10' x 7' in Charleston Boulevard from Main Street to Maryland Parkway. Design is programmed in FY 17/18. Construction funding is programmed in FY 20/21. The TYCP includes \$4.8 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 \$17.5 million for this project.

Las Vegas (continued)

Central – Flamingo – Boulder Highway North, Charleston – Boulder Highway to Maryland Parkway and Maryland Parkway System (PV = 86.5)

FLBN 0167, 0180, 0205 & FLMP 0000 – This project consists of an 8' x 6' reinforced concrete box in Maryland Parkway from Stewart Avenue to Charleston Boulevard and 10' x 6' to dual 10' x 6' reinforced concrete boxes in Charleston Boulevard from Maryland Parkway to Boulder Highway. Design is underway. Construction funding is programmed in FY 19/20. The TYCP includes \$17.2 million for this project.

Central – Las Vegas Wash – Bonanza – Las Vegas Wash to Lamb Boulevard (PV = 82.0)

LVBZ 0000 – This project consists of a dual 12' x 7' reinforced concrete box culvert in Bonanza Road from Lamb Boulevard to Las Vegas Wash. Design is programmed in FY 20/21 and construction funding is programmed in FY 23/24. The TYCP includes approximately \$12.2 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 \$18.3 million for this project.

Central – Flamingo – Boulder Highway North, Main Street (PV = 82.0)

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. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$5.0 million for this project.

Gowan North – Gowan Outfall – Alexander Rd., Decatur Blvd. to Simmons Street (PV = 89.0)

GOOF 0275, 0285, 0325, 0375 – This project consists of a reinforced concrete box culvert ranging in size from dual 12' x 8' and dual 14' x 8' to side by side 16' x 8' and 14' x 6' in Alexander Road from Decatur Boulevard to Simmons Street. Design is underway. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$29.4 million for this project.

Las Vegas (continued)

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 Ann Road to Lone Mountain Road. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$9.1 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 and construction funding is programmed in FY 26/27. The TYCP includes approximately \$16.3 million for this project.

Gowan North – Gowan Outfall – El Capitan Branch, Ann Road to Centennial (PV = 87.0)

GOEC 0100 through 0176 – This project consists of 78" reinforced concrete pipe storm drain and reinforced concrete box culverts 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 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$8.4 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 18/19 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$7.8 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 18/19 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 21/22 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$11.9 million for this project.

Upper Northern LV Wash – Rancho Road System – Elkhorn, Grand Canyon to Hualapai (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 19/20. The TYCP includes approximately \$4.0 million for this project.

Las Vegas Wash – Moccasin, Skye Canyon Park to Squirrels Nest (PV = 89.5)

LVMO 0000 – This project consists of 30' wide by 13' deep open channel improvements in Moccasin Road from Ft. Apache Road to Squirrels Nest Street. Design is programmed in FY 17/18 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$13.2 million for this project.

The funding programmed for the Upper Northern Las Vegas Wash, Central Basin and Gowan Planning Areas in Las Vegas totals approximately \$313.4 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

Central Freeway Channel at Cheyenne

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

North Las Vegas (continued)

Las Vegas Wash – Las Vegas Boulevard to Cheyenne Avenue

Las Vegas Wash – Losee Road

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

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 \$282,511,005.

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

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 is underway. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$4.5 million for this project.

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 24/25. Construction funding is programmed in FY 26/27. The TYCP includes approximately \$12.9 million for this project.

North Las Vegas (continued)

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 in FY 24/25. The TYCP includes approximately \$9.9 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 Los Feliz Street to the Confluence 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 \$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 south from the Linden Avenue alignment to Charleston Boulevard along the base of Sunrise Mountain. 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 17/18. The TYCP includes approximately \$0.25 million for this project.

Range – Lower Range – Owens Detention Basin & Outfall (PV = 78.0)

SLWA 0130 through 0175 and SLOW 0000, 0005 – This project consists of an 88 acre-foot detention basin, spillway, collection facilities and an outfall pipe ranging in size from 24" to 48" in diameter located east of Hollywood Boulevard and south of Owens Avenue. Design is programmed in FY 17/18 and Right-of-Way Acquisition is programmed in FY 18/19. Construction funding is programmed in FY 20/21. The TYCP includes approximately \$6.0 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 21/22 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$0.51 for this project.

North Las Vegas (continued)

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 at Centennial Parkway, and rip rap collection channels located along the west side of the Union Pacific Railroad and the north side of the northern Beltway from the Union Pacific Railroad to Lamb Boulevard. Design is underway. Right-of-Way Acquisition is programmed in FY 17/18 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$13.1 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 and Right-of-Way Acquisition are programmed in FY 24/25. The TYCP includes approximately \$6.4 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 \$2.6 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. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$25.7 million for this project.

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

RWWE 0463 and RBW 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 17/18 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$6.5 million for this project.

North Las Vegas (continued)

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 Centennial Parkway 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 18/19. The TYCP includes approximately \$27.5 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 24/25. Construction funding is programmed in FY 26/27. The TYCP includes approximately \$16.1 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 Tropical Parkway between Beesley Drive and Mt. Hood Street, in Mt. Hood Street from Tropical Parkway to Ann Road, and in Ann Road from Mt. Hood Street to Hollywood Boulevard. Design is underway. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$11.6 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 is underway. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$5.3 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-foot 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 21/22. Construction funding is programmed in FY 24/25. The TYCP includes approximately \$13.7 million for this project.

The funding programmed for the Lower Northern Las Vegas Wash, Range Wash, and Lower Las Vegas Wash Planning Areas in North Las Vegas totals approximately \$172.3 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 Dean Martin

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

Clark County (continued)

Duck Creek, Phase II and Lower Pittman

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

Clark County (continued)

Flamingo Wash, Spencer Street Bridge and Approach Channel

Hickam Avenue Storm Drain, Local Drainage Project

Lakes Detention Basin, Collection, and Outfall System

A joint use recreation facility

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

Las Vegas Wash – Sloan Channel to Stewart Avenue 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**
- **F-4 Patrick Lane/Fort Apache Road Lateral**
- **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**

Clark County (continued)

- **Red Rock Channel (Beltway Section 10A)**
- **Red Rock Detention Basin Expansion**
- **Red Rock Detention Basin Scour Protection and Outfall Channel**
- **Tropicana Detention Basin and Outfall Channel**
- **Upper Blue Diamond Diversion Channel**
- **Upper Flamingo Detention Basin Expansion**
- **Upper Flamingo Diversion Channel, Phase II**

Tropicana Wash Channel

Paradise Road to Koval Lane

Upper Flamingo Detention Basin and Outfall System

Van Buskirk Channel System

Washington/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

Clark County (continued)

Muddy River, Cooper Street Bridge

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 \$567,204,517.

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 \$9.3 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 \$4.9 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 \$2.7 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 \$22.7 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 23/24 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$6.8 million for this project.

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

TRMC 0013, 0031, and 0033 – This project consists of open channel improvements from Harmon Avenue to Tropicana Avenue and 120 acre-feet Tropicana Wash – McCarran Airport Offline Detention Basin. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$9.6 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 \$9.0 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 (gabion) 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 \$4.8 million for this project.

Tropicana/Flamingo – Las Vegas Wash – Boulder Highway (PV = 70.0)

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 26/27. The TYCP includes approximately \$1.1 million for this project.

Clark County (continued)

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 23/24 and construction funding is programmed in FY 24/25. The TYCP includes approximately \$16.0 million for this project.

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

BDWA 0276 – This project is a 66” diameter reinforced concrete pipe storm drain in Robindale Road from Arville Street to I-15. Design is programmed in FY 18/19 and construction funding is programmed in FY 19/20. The TYCP includes approximately \$5.0 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 \$5.7 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 \$10.0 million for this project.

Clark County (continued)

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 underway. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$2.2 million for this project.

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

BD02 0125 through 0312, 0359 and 0385 – This project consists of 6' x 8' and 12' x 8' reinforced concrete box culvert in Decatur Boulevard from Frias Avenue to Le Baron Avenue, a 14' x 8' reinforced concrete box culvert inflow facility in Le Baron Avenue, a 170 acre-foot detention basin (Silverado Ranch Detention Basin), located south of Silverado Ranch Boulevard and west of Arville Street, a 72" reinforced concrete pipe outlet extending from the detention basin to Silverado Ranch Boulevard, an 84" reinforced concrete pipe in Silverado Ranch Boulevard from Arville Street to Dean Martin Drive, 9' x 6' reinforced concrete box culvert in Dean Martin Drive and Gary Avenue from Silverado Ranch Boulevard to the I-15, and open channel improvements along the west side of I-15 from the Meranto Avenue to Gary Avenue alignments. Design is underway. Construction funding is programmed in FY 19/20. The TYCP includes approximately \$22.0 million for this project.

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

BD02 0334, 0358 – This project consists of 8' x 6' reinforced concrete box culvert within Decatur Boulevard from Richmar Avenue to Le Baron 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. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$3.5 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 17/18 and design is programmed in FY 19/20. Construction funding is programmed in FY 22/23. The TYCP includes approximately \$4.2 million for this project.

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

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

Clark County (continued)

construction funding is programmed in FY 20/21. The TYCP includes approximately \$5.3 million for this project.

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 \$14.5 million for this project.

Duck Creek/Blue Diamond – Duck Creek Wash, Torrey Pines to Rainbow (PV = 91.5)

DCWA 1775, 1803, and 1827 – This Developer Participation project consists of open channel improvements in Duck Creek Wash from Rainbow Boulevard to just east of Torrey Pines Drive. 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 underway. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$4.0 million for this project.

The funding programmed for the Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Areas in Clark County (Las Vegas Valley) totals approximately \$196.5 million on the TYCP.

Clark County (continued)

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

Goodsprings – Goodsprings – Phase I

GSEA 0000, GSPA 0027 and 0029, 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 \$0.85 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. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$10.0 million for this project.

Muddy River and Tributaries – Muddy River – Cooper to Yamashita

MRLV 0395 through 0508 – This project consists of earthen channel improvements with grade control structures from Yamashita Street to approximately 800' south of Ramos Ranch. Design is underway. Right-of-way acquisition is programmed in FY 19/20 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$13.1 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 26/27. The TYCP includes approximately \$15.2 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 24/25. The TYCP includes approximately \$0.10 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 \$11.4 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 19/20 and construction funding is programmed in FY 22/23. The TYCP includes approximately \$1.9 million for this project.

Laughlin – SR 163 at Casino Drive

LUBC 0000, 0001, 0006 and 0007 – This project consists of open channel and storm drain improvements along the south side of SR 163 beginning approximately 280' west of Casino Drive and continuing east to the Colorado River. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$1.2 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 \$2.5 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 \$2.6 million for this project.

Bunkerville – Windmill Wash Detention Basin Expansion

WIWA 0039 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 24/25. The TYCP includes approximately \$9.9 million for this project.

The TYCP for the Outlying Areas of Clark County totals approximately \$71.7 million.

In all, among the Tropicana/Flamingo, Duck Creek, Blue Diamond, and Outlying Planning Areas, Clark County has programmed approximately \$268.2 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

Hemenway System, Phase IIA Improvements

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 \$30,096,841.

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 \$1.9 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 20/21 and construction funding is programmed in FY 21/22. The TYCP includes approximately \$0.30 million for this project.

Hemenway – Hemenway System, Phase IIB Improvements

HMWA 0005, 0105 and HMLV 0006 – This project consists improvements to the Hemenway Channel system located along the north side of US-93 and concrete channel improvements located north of Fire Agate Drive, extending south approximately 700' from US-93. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$0.70 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.

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 \$1.7 million for this project.

The funding programmed for Boulder City totals approximately \$4.7 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 17/18 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$4.8 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 \$6.3 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. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$3.3 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 \$1.8 million for this project.

The funding programmed for Mesquite totals approximately \$16.2 million on the TYCP.

Fiscal Year 2018 Project List

The first year of the TYCP comprises the recommended FY 2018 Project List. It should be noted that construction and right-of-way funds programmed in FY 2019 and FY 2020 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 \$34.4 million. Projects eligible for funding in FY 2018 total \$322.0 million. These projects will be primarily funded from the estimated quarter percent Sales Tax Revenues. Projected revenue for the first year is \$87.9 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 2018 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. Design is underway. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$0.86 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 Executive Airport Drive. Design is underway. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$19.4 million for this project.

Total Programmed First Year: \$ 0
Total Eligible First Year: \$20,276,392

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

Central – Las Vegas Wash – Stewart to Bonanza (PV = 88.0) LVMD 1121 and 1149 – This project consists of 70’ to 90’ wide by 10’ to 10.5’ deep open channel improvements within the Las Vegas Wash, extending from Bonanza Road

FY 2018 Project List (continued)

to Stewart Avenue. This project is currently under design. Additional design funding is programmed in FY 18/19. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$5.5 million for this project.

Central – Cedar Avenue Channel Improvements (PV = 87.5)

CACN 0001, 0035 and CNST 0000 – This project consists of a 6' x 6' and 10' x 9' reinforced concrete box culvert in Pecos Road extending from approximately 700 feet south of 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 18/19. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$8.2 million for this project.

Central – Flamingo – Boulder Highway North, Charleston – Main to Maryland (PV = 86.0)

FLBN 0281, 0312 – This project consists of a reinforced concrete box ranging in size from 7' x 4' to 10' x 7' in Charleston Boulevard from Main Street to Maryland Parkway. Design is programmed in FY 17/18. Construction funding is programmed in FY 20/21. FY 2018 eligible funding is approximately \$0.30 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 2018 eligible funding is approximately \$17.5 million for this project.

Central – Flamingo – Boulder Highway North, Charleston – Boulder Highway to Maryland Parkway and Maryland Parkway System (PV = 86.5)

FLBN 0167, 0180, 0205 & FLMP 0000 – This project consists of an 8' x 6' reinforced concrete box in Maryland Parkway from Stewart Avenue to Charleston Boulevard and 10' x 6' to dual 10' x 6' reinforced concrete boxes in Charleston Boulevard from Maryland Parkway to Boulder Highway. Design is underway. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$17.2 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. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$5.0 million for this project.

REGIONAL FLOOD CONTROL DISTRICT – FY 2018 THROUGH FY 2027

FY 2018 Project List (continued)

Gowan North – Gowan Outfall – Alexander Rd., Decatur Blvd. to Simmons Street (PV = 89.0)

GOOF 0275, 0285, 0325, 0375 – This project consists of a reinforced concrete box culvert ranging in size from dual 12' x 8' and dual 14' x 8' to side by side 16' x 8' and 14' x 6' in Alexander Road from Decatur Boulevard to Simmons Street. Design is underway. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$29.4 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 Ann Road to Lone Mountain Road. Design is underway. Construction funding is programmed in FY 17/18. FY 2018 eligible funding is approximately \$9.1 million for this project.

Gowan North – Gowan Outfall – El Capitan Branch, Ann Road to Centennial (PV = 87.0)

GOEC 0100 through 0176 – This project consists of 78" reinforced concrete pipe storm drain and reinforced concrete box culverts 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 17/18 and construction funding is programmed in FY 20/21. FY 2018 eligible funding is approximately \$0.60 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. FY 2018 eligible funding is approximately \$11.1 million for this project.

Upper Northern LV Wash – Rancho Road System – Elkhorn, Grand Canyon to Hualapai (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 19/20. FY 2018 eligible funding is approximately \$4.0 million for this project.

Las Vegas Wash – Moccasin, Skye Canyon Park to Squirrels Nest (PV = 89.5)

LVMO 0000 – This project consists of 30' wide by 13' deep open channel improvements in Moccasin Road from Ft. Apache Road to Squirrels Nest Street. Design is programmed in FY 17/18 and construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$13.2 million for this project.

Total Programmed First Year: \$ 10,877,102

Total Eligible First Year: \$121,035,009

FY 2018 Project List (continued)

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

Lower Northern Las Vegas Wash – 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 is underway. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$4.5 million for this project.

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

SLOR 0158 – This project consists of a soil cement lined levee that will extend south from the Linden Avenue alignment to Charleston Boulevard along the base of Sunrise Mountain. 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 17/18. FY 2018 eligible funding is approximately \$0.25 million for this project.

Range – Lower Range – Owens Detention Basin & Outfall (PV = 78.0)

SLWA 0130 through 0175 and SLOW 0000, 0005 – This project consists of an 88 acre-foot detention basin, spillway, collection facilities and an outfall pipe ranging in size from 24" to 48" in diameter located east of Hollywood Boulevard and south of Owens Avenue. Design is programmed in FY 17/18 and Right-of-Way Acquisition is programmed in FY 18/19. Construction funding is programmed in FY 20/21. FY 2018 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 at Centennial Parkway, and rip rap collection channels located along the west side of the Union Pacific Railroad and the north side of the northern Beltway from the Union Pacific Railroad to Lamb Boulevard. Design is underway. Right-of-Way Acquisition is programmed in FY 17/18 and construction funding is programmed in FY 22/23. FY 2018 eligible funding is approximately \$0.70 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. FY 2018 eligible funding is approximately \$2.6 million for this project.

FY 2018 Project List (continued)

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. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$25.7 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 17/18 and construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$6.5 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 Centennial Parkway 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 18/19. FY 2018 eligible funding is approximately \$27.5 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 Tropical Parkway between Beesley Drive and Mt. Hood Street, in Mt. Hood Street from Tropical Parkway to Ann Road, and in Ann Road from Mt. Hood Street to Hollywood Boulevard. Design is underway. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$11.6 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 is underway. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$5.3 million for this project.

Total Programmed First Year: \$ 2,165,000

Total Eligible First Year: \$85,503,200

FY 2018 Project List (continued)

Clark County (Las Vegas Valley)

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

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

TRMC 0013, 0031, and 0033 – This project consists of open channel improvements from Harmon Avenue to Tropicana Avenue and 120 acre-feet Tropicana Wash – McCarran Airport Offline Detention Basin. Design is underway. Construction funding is programmed in FY 17/18. FY 2018 eligible funding is approximately \$9.6 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 (gabion) 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 2018 eligible funding is approximately \$1.4 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. FY 2018 eligible funding is approximately \$29.3 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 underway. Construction funding is programmed in FY 18/19. FY 2018 eligible funding is approximately \$2.2 million for this project.

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

BD02 0125 through 0312, 0359 and 0385 – This project consists of 6' x 8' and 12' x 8' reinforced concrete box culvert in Decatur Boulevard from Frias Avenue to Le Baron Avenue, a 14' x 8' reinforced concrete box culvert inflow facility in Le Baron Avenue, a 170 acre-foot detention basin (Silverado Ranch Detention Basin), located south of Silverado Ranch Boulevard and west of Arville Street, a 72" reinforced concrete pipe outlet extending from the detention basin to Silverado Ranch Boulevard, an 84" reinforced concrete pipe in Silverado Ranch Boulevard from Arville Street to Dean Martin Drive, 9' x 6' reinforced concrete box culvert in Dean Martin Drive and Gary Avenue from Silverado Ranch Boulevard to the I-15, and open channel improvements

FY 2018 Project List (continued)

along the west side of I-15 from the Meranto Avenue to Gary Avenue alignments. Design is underway. Construction funding is programmed in FY 19/20. FY 2018 eligible funding is approximately \$22.0 million for this project.

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

BD02 0334, 0358 – This project consists of 8' x 6' reinforced concrete box culvert within Decatur Boulevard from Richmar Avenue to Le Baron 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. Design is underway. Construction funding is programmed in FY 17/18. FY 2018 eligible funding is approximately \$3.5 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 17/18 and design is programmed in FY 19/20. Construction funding is programmed in FY 22/23. FY 2018 eligible funding is approximately \$0.30 million for this project.

Duck Creek/Blue Diamond – Duck Creek Wash, Torrey Pines to Rainbow (PV = 91.5)

DCWA 1775, 1803, and 1827 – This Developer Participation project consists of open channel improvements in Duck Creek Wash from Rainbow Boulevard to just east of Torrey Pines Drive. Construction funding is programmed in FY 17/18. TFY 2018 eligible funding is 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 underway. Construction funding is programmed in FY 18/19. FY 2018 eligible funding is approximately \$4.0 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

REGIONAL FLOOD CONTROL DISTRICT – FY 2018 THROUGH FY 2027

FY 2018 Project List (continued)

construction funding are programmed in FY 17/18. The TYCP includes approximately \$0.85 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. Construction funding is programmed in FY 18/19. The TYCP includes approximately \$10.0 million for this project.

Muddy River and Tributaries – Muddy River – Cooper to Yamashita

MRLV 0395 through 0508 – This project consists of earthen channel improvements with grade control structures from Yamashita Street to approximately 800’ south of Ramos Ranch. Design is underway. Right-of-way acquisition is programmed in FY 19/20 and construction funding is programmed in FY 20/21. The TYCP includes approximately \$1.3 million for this project.

Laughlin – SR 163 at Casino Drive

LUBC 0000, 0001, 0006 and 0007 – This project consists of open channel and storm drain improvements along the south side of SR 163 beginning approximately 280’ west of Casino Drive and continuing east to the Colorado River. Design is underway. Construction funding is programmed in FY 17/18. The TYCP includes approximately \$1.2 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 \$2.5 million for this project.

Clark County (Las Vegas Valley) Programmed First Year: \$15,375,407

Clark County (Las Vegas Valley) Eligible First Year: \$72,874,462

Clark County (Outlying Areas) Programmed First Year: \$ 4,594,197

Clark County (Outlying Areas) Eligible First Year: \$15,949,594

Total Programmed First Year: \$19,969,604

Total Eligible First Year: \$88,824,056

FY 2018 Project List (continued)

Boulder City:

Hemenway – Hemenway System, Phase IIB Improvements

HMWA 0005, 0105 and HMLV 0006 – This project consists improvements to the Hemenway Channel system located along the north side of US-93 and concrete channel improvements located north of Fire Agate Drive, extending south approximately 700’ from US-93. Design is underway. Construction funding is programmed in FY 17/18. FY 2018 eligible is approximately \$0.70 million for this project.

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. FY 2018 eligible is approximately \$1.7 million for this project.

Total Programmed First Year: \$ 729,416
Total Eligible First Year: \$2,382,542

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 17/18 and construction funding is programmed in FY 20/21. FY 2018 eligible is approximately \$0.30 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. FY 2018 eligible is approximately \$0.40 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. Construction funding is programmed in FY 18/19. FY 2018 eligible is approximately \$3.3 million for this project.

Total Programmed First Year: \$ 685,634
Total Eligible First Year: \$4,013,502

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											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
CITY OF HENDERSON											
HYDROGRAPHIC BASIN: PITTMAN											
PROJECT: Pittman North Detention Basin and Outfall											
PTNO 0180 thru 0182	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	85.0
	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: Warm Springs Rd. to Lake Mead Pkwy (Boulder Hwy)											
PTPA 0261 thru 0325	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	
PROJECT: Pittman Wash, Eastern to Pecos											
PTWA 0346 thru 0486	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, 0204	4	3	3	3	3	3	2	3	2	3	86.5
	20.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.5	
PROJECT: Cadiz Storm Drain - Racetrack To Pueblo											
C1CA 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: Burkholder to Warm Springs (Lake Mead Pkwy)											
C1LM 0141, 0144, 0156,0158,0182, 0184	4	3	3	3	3	3	2	3	1	2	83.0
	20.0	13.5	12.0	10.5	9.0	7.5	4.0	4.5	1.0	1.0	
PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road											
C1FK 0040	4	3	3	3	3	3	2	2	1	1	81.0
	20.0	13.5	12.0	10.5	9.0	7.5	4.0	3.0	1.0	0.5	

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
CITY OF LAS VEGAS											
HYDROGRAPHIC BASIN: CENTRAL											
PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston											
FLBN 0038	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	1 1.0	3 1.5	90.0
PROJECT: Las Vegas Wash - Stewart to Bonanza											
LVMD 1121 & 1149	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	2 3.0	1 1.0	2 1.0	88.0
PROJECT: Cedar Avenue Channel Improvements											
CACN 0001 & 0035, CNST 0000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	3 3.0	3 1.5	87.5
PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System											
FLBN 0167, 0180, 0205, & FLMP 0000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	2 2.0	3 1.5	86.5
PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland											
FLBN 0281, 0312	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	3 7.5	2 4.0	2 3.0	1 1.0	2 1.0	86.0
PROJECT: Freeway Channel - Washington, Rancho to Valley View											
LV15 0528	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	3 7.5	2 4.0	2 3.0	1 1.0	1 0.5	85.5
PROJECT: Owens Avenue East - LV Wash to Mojave											
LVOE 0000	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	2 2.0	1 0.5	85.0
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb											
LVBZ 0000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	2 2.0	3 1.5	82.0
PROJECT: Flamingo - Boulder Hwy. North, Main St.											
FLBN 0342	4 20.0	3 13.5	3 12.0	3 10.5	2 6.0	3 7.5	2 4.0	3 4.5	3 3.0	2 1.0	82.0
PROJECT: Meadows - Charleston, Essex to Lindell											
MECN 0000, 0061	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	2 2.0	2 1.0	81.5
PROJECT: Owens Avenue East - Mojave to Eastern											
LVOE 0085	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	2 2.0	2 1.0	81.5
PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos											
LVBZ 0064, 0114	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	2 4.0	3 4.5	1 1.0	3 1.5	78.5
PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy											
BHSA 0000, 0026	3 15.0	3 13.5	4 16.0	3 10.5	3 9.0	2 5.0	2 4.0	2 3.0	1 1.0	2 1.0	78.0
PROJECT: Sahara Avenue - Eastern Lateral											
SAEA 0000	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	3 1.5	76.0
PROJECT: Meadows - Charleston, Lindell to Rainbow											
MECN 0123, 0223	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	2 1.0	75.5
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern											
BHSA 0075	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	3 1.5	76.0
PROJECT: Freeway Channel - Washington, Valley View to Decatur											
LV15 0602	4 20.0	3 13.5	3 12.0	2 7.0	2 6.0	2 5.0	2 4.0	3 4.5	2 2.0	2 1.0	75.0
PROJECT: Boulder Highway Sahara Avenue - LV Blvd to Maryland											
BHSA 0175	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	2 4.0	3 4.5	1 1.0	1 0.5	75.0

EXHIBIT B

Project Prioritization

Priority Factor and Weight											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
HYDROGRAPHIC BASIN: GOWAN											
PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road											
GOEC 0000 thru 0076	4 20.0	4 18.0	3 12.0	3 10.5	2 6.0	3 7.5	3 6.0	4 6.0	3 3.0	3 1.5	90.5
PROJECT: Gowan Box Canyon - Lone Mountain Road											
GOBX 0015	4 20.0	4 18.0	3 12.0	3 10.5	2 6.0	3 7.5	3 6.0	4 6.0	3 3.0	2 1.0	90.0
PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd to Simmons Street											
GOOF 0275, 0285, 0325, 0375	4 20.0	4 18.0	3 12.0	3 10.5	2 6.0	3 7.5	3 6.0	4 6.0	2 2.0	2 1.0	89.0
PROJECT: Gowan - Alexander Rd., Rancho to Decatur											
GOAL 0000	4 20.0	4 18.0	3 12.0	3 10.5	2 6.0	3 7.5	3 6.0	4 6.0	1 1.0	1 0.5	87.5
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial											
GOEC 0100 thru 0176	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	2 1.0	87.0
PROJECT: Gowan - Rancho, Craig to Alexander											
GOAL 0100, 0111	4 19.0	4 18.0	3 12.0	3 10.5	2 6.0	3 7.5	3 6.0	3 4.5	2 2.0	2 1.0	86.5
PROJECT: Gowan - Alexander Branch											
GOA2 0000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	2 2.0	2 1.0	86.0
PROJECT: Gowan - Craig and US-95											
GOAL 0168, 0247	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	1 1.0	2 1.0	85.0
PROJECT: Gowan Outfall - Clayton Branch											
GOCL 0000	4 20.0	3 13.5	3 12.0	3 10.5	2 6.0	2 5.0	3 6.0	3 4.5	1 1.0	2 1.0	79.5
HYDROGRAPHIC BASIN: UPPER NORTHERN LAS VEGAS WASH											
PROJECT: Las Vegas Wash - Moccasin, Skye Canyon Park to Squirrels Nest											
LVMO 0000	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	1 1.0	3 1.5	89.5
PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai											
RCHB 0295	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	1 1.0	3 1.5	89.5

EXHIBIT B

Project Prioritization

Priority Factor and Weight											Priority Value
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M		
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
CITY OF NORTH LAS VEGAS											
HYDROGRAPHIC BASIN: LOWER NORTHERN LAS VEGAS WASH											
PROJECT: Fifth Street Collector - Centennial to Deer Springs											
LV5C 0000, 0002	4	3	3	3	3	2	2	2	2	2	80.0
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0	
PROJECT: Lake Mead Drain to Las Vegas Wash											
LVLE 0000, 0047	4	3	3	3	2	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 0406	3	3	3	3	3	2	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											
RWHW 0000 thru 0277	4	4	3	3	3	3	3	4	3	2	93.0
	20.0	18.0	12.0	10.5	9.0	7.5	6.0	6.0	3.0	1.0	
PROJECT: Orchard Collector - Charleston to Linden											
SLOR 0158	3	4	3	3	4	3	2	3	2	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	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											
RWHW 0300 thru 0412	3	3	4	4	3	2	3	3	2	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											
RWWE 0352, 0397 thru 0439	3	4	3	3	3	2	3	4	3	2	85.5
	15.0	18.0	12.0	10.5	9.0	5.0	6.0	6.0	3.0	1.0	
PROJECT: Beltway Collection System - Pecos											
RWWE 0463 & RWBW 0000	3	3	3	3	4	3	2	3	2	2	82.0
	15.0	13.5	12.0	10.5	12.0	7.5	4.0	4.5	2.0	1.0	
PROJECT: Range Wash - Ann Branch											
RWAN 0000, 0050	3	3	3	3	3	3	3	2	2	2	79.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	3.0	2.0	1.0	
PROJECT: Owens Detention Basin & Outfall											
SLWA 0130 thru 0175 & SLOW 0000, 0005	3	3	3	3	4	2	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, RWWE 0493 & 0517	3	3	3	3	3	2	3	2	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	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											
RWHW 0459, 0498, 0499, 0500	3	3	3	2	3	2	2	3	2	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	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	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											
Pop.	Land	Public	Access	Avoid.	Funding	Relation.	Implem.	Env.	O&M	Priority Value	
5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
CLARK COUNTY											
HYDROGRAPHIC BASIN: Tropicana/ Flamingo											
PROJECT: Airport Channel - Naples											
TRMC 0013, 0031, 0033	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	4	3	2	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 Teco											
WGTR 0111	3	3	3	3	3	3	2	3	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	4	3	2	1	2	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	2	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	2	3	2	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: 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: 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 - Christy											
LVCH 0000, 0114	3	3	2	3	3	2	3	2	2	1	72.5
	15.0	13.5	8.0	10.5	9.0	5.0	6.0	3.0	2.0	0.5	
PROJECT: 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	
PROJECT: Las Vegas Wash - Boulder Highway											
LVBH 0000	3	3	2	3	3	1	3	2	2	1	70.0
	15.0	13.5	8.0	10.5	9.0	2.5	6.0	3.0	2.0	0.5	
HYDROGRAPHIC BASIN: Duck Creek/Blue Diamond											
PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar											
BD02 0334, 0358	4	3	3	3	3	4	3	4	3	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, Torrey Pines to Rainbow											
DCWA 1775, 1803, 1827	3	3	4	3	4	3	4	3	3	3	91.5
	15.0	13.5	16.0	10.5	12.0	7.5	8.0	4.5	3.0	1.5	
PROJECT: Duck Creek Jones Boulevard											
DCJB 0000, 0043	3	3	4	3	4	3	4	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 0026, 0050, 0057	3	3	4	3	4	3	4	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 I-15											
BDWA 0276	3	3	3	3	3	3	3	3	3	4	83.0
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	
PROJECT: Silverado Ranch Detention Basin and Outfall Facilities											
BD02 0125 thru 0312 & 0359 and 0385	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: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.											
DCBD 0075, 0082 & 0084	3	3	3	3	3	3	3	3	2	1	80.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	0.5	
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones											
DCW4 0298	3	3	3	3	3	3	3	3	2	1	80.5
	15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	0.5	
PROJECT: Duck Creek, Sunset Park											
DCSP 0000	4	3	3	3	3	2	2	2	2	2	80.0
	20.0	13.5	12.0	10.5	9.0	5.0	4.0	3.0	2.0	1.0	
PROJECT: Blue Diamond Wash Railroad											
BDW5 0026	1	4	4	3	4	1	4	3	2	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 Destino											
BDWA 0087 thru 0174	3	3	3	2	3	3	3	3	3	2	78.5
	15.0	13.5	12.0	7.0	9.0	7.5	6.0	4.5	3.0	1.0	

EXHIBIT C

EXHIBIT C

CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM
ADOPTED

				FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027									
		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27				
TOTAL PLAN				Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416			
Unencumbered from previous year		\$32,284,196		Cumulative Available Resources	\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690			
ENTITY RESOURCES				Annual Resources	\$75,264,520	\$6,598,330	\$4,133,141	\$19,965,194	\$3,596,427	\$3,994,986	\$4,335,877	\$4,710,319	\$18,833,648	\$4,338,198	\$4,758,401			
Unencumbered from previous year		\$1,957,753		Cumulative Available Resources	\$77,222,273	\$6,598,330	\$10,731,471	\$8,370,580	\$8,339,257	\$10,725,776	\$1,318,249	\$1,017,893	\$3,989,904	\$4,756,113	\$447,657			
ENTITY TOTAL					\$511,244,291	\$151,215,287	\$74,816,863	\$0	\$0	\$22,326,085	\$3,627,751	\$1,608,467	\$13,743,403	\$5,010,675	\$15,861,637	\$3,571,989	\$9,066,857	
HYDROGRAPHIC BASIN: PITTMAN					\$385,345,198	\$118,051,220	\$61,838,354	\$0	\$0	\$22,326,085	\$2,847,350	\$1,110,717	\$13,316,994	\$0	\$12,928,435	\$1,059,197	\$8,249,576	
SYSTEM: Pittman Burns					\$62,860,544	\$16,710,795	\$6,948,722	\$0	\$0	\$0	\$0	\$389,636	\$0	\$0	\$6,559,086	\$0	\$0	
PROJECT: Galleria to Boulder Hwy.																		
	Design/Admin			Design Started 09/10	\$331,728					\$41,740			\$596,280					
	Right-of-way	PTSU 0000 & 0023		HEN12H09	\$265,382					\$347,896								
	Construction			Eng. Est.	\$2,371,852								\$5,962,806					
SYSTEM: Pittman Beltway					\$197,079,852	\$26,037,688	\$16,042,384	\$0	\$0	\$2,725,390	\$0	\$0	\$13,316,994	\$0	\$0	\$0	\$0	
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights																		
	Design/Admin			Design Started 09/10	\$92,803		\$45,398											
	Right-of-way	PTAP 0018		HEN22A09	\$74,242													
	Construction				\$663,541		\$811,493											
PROJECT: Pittman North Detention Basin Outfall - St. Rose to Spencer																		
	Design/Admin				\$1,319,867		\$968,498			\$705,536								
	Right-of-way	PTNO 0000 thru 0073			\$1,055,894		\$900,000											
	Construction				\$9,437,053					\$12,611,458								
SYSTEM: Lower Pittman					\$124,601,910	\$19,509,780	\$4,087,742	\$0	\$0	\$181,195	\$2,847,350	\$0	\$0	\$0	\$0	\$1,059,197	\$0	
PROJECT: Whitney Wash Channel																		
	Design/Admin			Design Started 09/10	\$44,526		\$181,195	\$258,850										
	Right-of-way	WWDC 0069		HEN07D09	\$35,620													
	Construction			Eng. Est.	\$318,355			\$2,588,500										
PROJECT: Pittman Wash, Eastern to Pecos																		
	Design/Admin				\$1,208,885										\$1,059,197			
	Right-of-way	PTWA 0346 thru 0486			\$967,107													
	Construction				\$8,643,527													
SYSTEM: Pittman Pabco					\$173,330	\$7,135,222	\$678,171	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$678,171	\$0	\$0	
PROJECT: Warm Springs Rd. to Lake Mead Pkwy (Boulder Hwy)																		
	Design/Admin				\$797,232									\$678,171				
	Right-of-way	PTPA 0261 thru 0325			\$637,786													
	Construction				\$5,700,206													
SYSTEM: Upper Pittman					\$629,562	\$48,657,734	\$34,081,335	\$0	\$0	\$19,419,500	\$0	\$721,081	\$0	\$0	\$5,691,178	\$0	\$8,249,576	
PROJECT: Pittman North Detention Basin and Outfall																		
	Design/Admin				\$1,668,359		\$1,000,000											
	Right-of-way	PTNO 0180 thru 0182		HEN16A01	\$1,334,687													
	Construction			Eng. Est.	\$9,872,999		\$18,419,500											
PROJECT: Pittman North Detention Basin to Larson Lane																		
	Design/Admin				\$396,976				\$309,034			\$225,127						
	Right-of-way	PTSD 0000 thru 0043			\$317,581				\$412,046									
	Construction				\$2,838,375							\$4,024,140						
PROJECT: Pittman, Larson Lane - Las Vegas Blvd. to Bermuda Rd.																		
	Design/Admin				\$726,451								\$617,961			\$437,063		
	Right-of-way	PTLA 0000 thru 0126			\$581,162								\$823,950					
	Construction				\$5,194,132												\$7,812,513	

EXHIBIT C

**CITY OF HENDERSON
10-YEAR CONSTRUCTION PROGRAM
ADOPTED**

				FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027						
		Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27	
TOTAL PLAN				\$900,864,909											
Unencumbered from previous year		\$32,284,196	Cumulative Available Resources		\$849,649,219	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416
ENTITY RESOURCES				\$75,264,520											
Unencumbered from previous year		\$1,957,753	Cumulative Available Resources		\$6,598,330	\$4,133,141	\$19,965,194	\$3,596,427	\$3,994,986	\$4,335,877	\$4,710,319	\$18,833,648	\$4,338,198	\$4,758,401	
ENTITY TOTAL		\$511,244,291	\$151,215,287	\$74,816,863	\$0	\$0	\$22,326,085	\$3,627,751	\$1,608,467	\$13,743,403	\$5,010,675	\$15,861,637	\$3,571,989	\$9,066,857	
HYDROGRAPHIC BASIN: C-1		\$125,899,093	\$33,164,068	\$12,978,509	\$0	\$0	\$0	\$780,401	\$497,750	\$426,409	\$5,010,675	\$2,933,202	\$2,512,792	\$817,280	
SYSTEM: C-1		\$125,899,093	\$33,164,068	\$12,978,509	\$0	\$0	\$0	\$780,401	\$497,750	\$426,409	\$5,010,675	\$2,933,202	\$2,512,792	\$817,280	
PROJECT: Cadiz Storm Drain - Racetrack To Pueblo															
	Design/Admin		\$274,026						\$213,322			\$155,402			
	Right-of-way	C1CA 0000	\$219,220	\$3,430,952					\$284,428						
	Construction		\$1,959,285									\$2,777,800			
PROJECT: Four Kids Wash - Lake Mead to Eagle Rock Road															
	Design/Admin		\$71,969								\$59,438			\$43,300	
	Right-of-way	C1FK 0040	\$57,575	\$876,718											
	Construction		\$514,579											\$773,980	
PROJECT: C-1 Channel, SNWA Drop Structure to Lake Mead															
	Design/Admin		\$442,522					\$334,458			\$243,647				
	Right-of-way	C1CH 0161, 0173, 0204	\$354,018	\$5,731,638				\$445,943							
	Construction		\$3,420,050								\$4,707,590				
PROJECT: Burkholder to Warm Springs (Lake Mead Pkwy)															
	Design/Admin		\$227,913							\$182,746			\$133,128		
	Right-of-way	C1LM 0141, 0144, 0156, 0158, 0182, 0184	\$182,331	\$2,939,201						\$243,662					
	Construction		\$1,629,578										\$2,379,664		

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 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027						
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27		
TOTAL PLAN			Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416		
Unencumbered from previous year	\$32,284,196		Cumulative Available Resources	\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690		
ENTITY RESOURCES			Annual Resources	\$331,215,324	\$12,911,857	\$19,159,255	\$92,549,048	\$16,671,309	\$18,518,836	\$20,099,041	\$21,834,776	\$87,303,742	\$20,109,800	\$22,057,660		
Unencumbered from previous year	(\$8,599,627)		Cumulative Available Resources		\$2,034,755	\$2,212,961	\$1,143,488	\$4,441,781	\$146,166	\$3,751,038	\$8,102,799	\$15,167,792	\$19,275,133	\$17,856,877		
ENTITY TOTAL				\$313,358,448	\$10,877,102	\$18,981,049	\$93,618,521	\$13,373,015	\$22,814,451	\$16,494,169	\$17,483,016	\$80,238,750	\$16,002,458	\$23,475,916		
HYDROGRAPHIC BASIN: CENTRAL				\$403,721,788	\$385,155,042	\$193,740,468	\$325,192	\$18,215,597	\$31,817,745	\$5,574,977	\$11,485,802	\$16,494,169	\$16,376,318	\$69,189,551	\$16,002,458	\$8,258,658
SYSTEM: LV Wash I-15 Tributary				\$109,476,848	\$77,154,912	\$16,901,498	\$0	\$545,229	\$0	\$0	\$7,496,987	\$0	\$600,623	\$0	\$0	\$8,258,658
PROJECT: Freeway Channel - Washington, Valley View to Decatur																
Design/Admin			\$727,252													
Right-of-way	LV15 0602		\$581,802	\$8,859,282								\$600,623				\$437,545
Construction			\$5,199,850													\$7,821,114
PROJECT: Freeway Channel - Washington, Rancho to Valley View																
Design/Admin			\$765,329													
Right-of-way	LV15 0528		\$612,263	\$8,042,216												
Construction			\$5,472,102													
SYSTEM: LV Wash Central				\$285,079,544	\$133,972,846	\$62,775,283	\$0	\$150,000	\$14,613,802	\$0	\$1,283,284	\$16,494,169	\$0	\$30,234,028	\$0	\$0
PROJECT: Las Vegas Wash - Stewart to Bonanza																
Design/Admin		Design Started 11/12	\$582,295					\$75,000	\$284,853							
Right-of-way	LVMD 1121 & 1149	CLA15D12 / LAS28C12	\$465,836	\$5,451,602												
Construction			\$4,163,416						\$5,091,750							
PROJECT: Meadows - Charleston, Essex to Lindell																
Design/Admin			\$881,492													
Right-of-way	MECN 0000, 0061		\$705,194	\$10,121,800												
Construction			\$6,302,669													
PROJECT: Meadows - Charleston, Lindell to Rainbow																
Design/Admin			\$1,176,062													
Right-of-way	MECN 0123, 0223		\$940,848	\$13,531,677												
Construction			\$8,408,837													
PROJECT: Cedar Avenue Channel Improvements																
Design/Admin		Design Started 13/14	\$877,918													
Design/Admin	CACN 0001 & 0035, CNST 0000	LAS25B13	\$702,335	\$8,181,218												
Construction			\$6,277,116													
PROJECT: Owens Avenue East - LV Wash to Mojave																
Design/Admin			\$1,541,300													
Right-of-way	LVOE 0000		\$1,233,040	\$16,682,154												
Construction			\$11,020,297													
PROJECT: Owens Avenue East - Mojave to Eastern																
Design/Admin			\$766,974													
Right-of-way	LVOE 0085		\$613,579	\$8,806,832												
Construction			\$5,483,861													

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 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027							
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27			
TOTAL PLAN			Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416			
Unencumbered from previous year	\$32,284,196		Cumulative Available Resources	\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690			
ENTITY RESOURCES			Annual Resources	\$331,215,324	\$12,911,857	\$19,159,255	\$92,549,048	\$16,671,309	\$18,518,836	\$20,099,041	\$21,834,776	\$87,303,742	\$20,109,800	\$22,057,660			
Unencumbered from previous year	(\$8,599,627)		Cumulative Available Resources		\$2,034,755	\$2,212,961	\$1,143,488	\$4,441,781	\$146,166	\$3,751,038	\$8,102,799	\$15,167,792	\$19,275,133	\$17,856,877			
ENTITY TOTAL				\$957,137,971	\$684,948,614	\$313,358,448	\$10,877,102	\$18,981,049	\$93,618,521	\$13,373,015	\$22,814,451	\$16,494,169	\$17,483,016	\$80,238,750	\$16,002,458	\$23,475,916	
SYSTEM: Sahara Boulder Highway				\$9,165,396	\$174,027,284	\$114,063,686	\$325,192	\$17,520,367	\$17,203,943	\$5,574,977	\$2,705,531	\$0	\$15,775,695	\$38,955,523	\$16,002,458	\$0	
PROJECT: Boulder Highway Sahara Avenue - Eastern to Boulder Hwy																	
Design/Admin	BHSA 0000, 0026	Design Started 09/10	\$1,584,691	\$18,196,335						\$1,233,637			\$898,686				
Right-of-way		LAS27A09	\$1,267,753														
Construction			\$11,330,541												\$16,064,012		
PROJECT: Sahara Avenue - Eastern Lateral																	
Design/Admin	SAEA 0000		\$301,160	\$3,458,095						\$234,445			\$170,789				
Right-of-way			\$240,928														
Construction			\$2,153,296												\$3,052,861		
PROJECT: Boulder Highway Sahara Avenue - Maryland to Eastern																	
Design/Admin	BHSA 0075		\$1,451,440	\$17,201,175								\$1,198,717		\$847,812			
Right-of-way			\$1,161,152														
Construction			\$10,377,798													\$15,154,646	
PROJECT: Boulder Highway Sahara Avenue - LV Blvd to Maryland																	
Design/Admin	BHSA 0175		\$2,062,012	\$1,754,066										\$1,754,066			
Right-of-way			\$1,649,610														
Construction			\$14,743,385														
PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland																	
Design/Admin	FLBN 0281, 0312		\$474,725	\$4,840,036		\$325,192			\$239,197								
Right-of-way			\$379,780														
Construction			\$3,394,278							\$4,275,647							
PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston																	
Design/Admin	FLBN 0038	Design started in 15/16	\$1,954,412	\$17,520,367													
Right-of-way		LAS29B15	\$1,563,530				\$928,231										
Construction			\$13,974,050				\$16,592,136										
PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System																	
Design/Admin	FLBN 0167, 0180, 0205 & FLMP 0000	Design started in 16/17	\$1,863,218	\$17,203,943				\$911,467									
Right-of-way		LAS29C16	\$1,490,575														
Construction			\$13,322,013						\$16,292,476								
PROJECT: Las Vegas Wash - Bonanza - Las Vegas Wash to Lamb																	
Design/Admin	LVBZ 0000		\$1,094,511	\$12,201,753					\$827,229				\$602,624				
Right-of-way			\$875,609														
Construction			\$7,825,754											\$10,771,900			
PROJECT: Las Vegas Wash - Bonanza - Lamb to Pecos																	
Design/Admin	LVBZ 0064, 0114		\$1,589,587	\$18,252,558						\$1,237,449				\$901,463			
Right-of-way			\$1,271,670														
Construction			\$11,365,550												\$16,113,647		
PROJECT: Flamingo - Boulder Hwy. North, Main St.																	
Design/Admin	FLBN 0342	Design Started 10/11	\$308,156	\$3,435,358						\$232,903			\$169,667				
Right-of-way		LAS29A10	\$246,524														
Construction		Engr's Est.	\$2,203,311												\$3,032,788		

EXHIBIT C

**CITY OF LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
ADOPTED**

					FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027							
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27		
TOTAL PLAN					\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416		
Unencumbered from previous year		\$32,284,196			\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690		
ENTITY RESOURCES					\$331,215,324	\$12,911,857	\$19,159,255	\$92,549,048	\$16,671,309	\$18,518,836	\$20,099,041	\$21,834,776	\$87,303,742	\$20,109,800	\$22,057,660		
Unencumbered from previous year		(\$8,599,627)				\$2,034,755	\$2,212,961	\$1,143,488	\$4,441,781	\$146,166	\$3,751,038	\$8,102,799	\$15,167,792	\$19,275,133	\$17,856,877		
ENTITY TOTAL					\$957,137,971	\$684,948,614	\$313,358,448	\$10,877,102	\$18,981,049	\$93,618,521	\$13,373,015	\$22,814,451	\$16,494,169	\$17,483,016	\$80,238,750	\$16,002,458	\$23,475,916
HYDROGRAPHIC BASIN: GOWAN			\$293,217,265	\$158,747,407	\$102,404,645	\$9,637,309	\$765,452	\$45,502,042	\$7,798,038	\$11,328,649	\$0	\$1,106,698	\$11,049,198	\$0	\$15,217,258		
SYSTEM: Gowan North			\$166,668,680	\$158,433,211	\$102,404,645	\$9,637,309	\$765,452	\$45,502,042	\$7,798,038	\$11,328,649	\$0	\$1,106,698	\$11,049,198	\$0	\$15,217,258		
PROJECT: Gowan Box Canyon - Lone Mountain Road																	
	Design/Admin	GOBX 0015	Design started in 15/16	\$544,616	\$5,028,690			\$266,421									
	Right-of-way		LAS24I15	\$435,693													
	Construction			\$3,894,007					\$4,762,269								
PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd to Simmons Street																	
	Design/Admin	GOOF 0275, 0285 0325, 0375	Design started 16/17	\$2,944,788	\$29,389,687			\$1,440,559									
	Right-of-way		NLV04K17	\$2,355,830													
	Construction			\$22,853,410					\$27,949,128								
PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road																	
	Design/Admin	GOEC 0000 thru 0076	Design started in 15/16	\$1,052,891	\$9,075,639			\$480,828									
	Right-of-way		LAS24J15	\$842,313													
	Construction			\$7,528,174					\$8,594,810								
PROJECT: Gowan Outfall - Clayton Branch																	
	Design/Admin	GOCL 0000		\$1,340,021	\$16,323,956							\$1,106,698				\$806,212	
	Right-of-way			\$1,072,016													
	Construction			\$9,581,151													\$14,411,046
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial																	
	Design/Admin	GOEC 0100 thru 0176		\$819,943	\$8,359,709		\$561,670		\$413,141								
	Right-of-way			\$655,955													
	Construction			\$5,862,597					\$7,384,898								
PROJECT: Gowan - Alexander Rd., Rancho to Decatur																	
	Design/Admin	GOAL 0000	Design Started in 13/14	\$1,175,463	\$11,083,665			\$575,024									
	Right-of-way		LAS30A13	\$940,370													
	Construction		Engr's Est.	\$8,404,560					\$10,508,641								
PROJECT: Gowan - Rancho, Craig to Alexander																	
	Design/Admin	GOAL 0100, 0111		\$740,352	\$7,779,757		\$527,436			\$384,229							
	Right-of-way			\$592,282													
	Construction			\$5,293,519							\$6,868,093						
PROJECT: Gowan - Alexander Branch																	
	Design/Admin	GOA2 0000		\$334,099	\$3,510,774		\$238,016			\$173,391							
	Right-of-way			\$267,279													
	Construction			\$2,388,808							\$3,099,367						
PROJECT: Gowan - Craig and US-95																	
	Design/Admin	GOAL 0168, 0247		\$1,032,239	\$11,852,768					\$803,569			\$585,388				
	Right-of-way			\$825,791													
	Construction			\$7,380,512										\$10,463,810			

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 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027				
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27
TOTAL PLAN			Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416
Unencumbered from previous year	\$32,284,196		Cumulative Available Resources	\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690
ENTITY RESOURCES			Annual Resources	\$331,215,324	\$12,911,857	\$19,159,255	\$92,549,048	\$16,671,309	\$18,518,836	\$20,099,041	\$21,834,776	\$87,303,742	\$20,109,800	\$22,057,660
Unencumbered from previous year	(\$8,599,627)		Cumulative Available Resources		\$2,034,755	\$2,212,961	\$1,143,488	\$4,441,781	\$146,166	\$3,751,038	\$8,102,799	\$15,167,792	\$19,275,133	\$17,856,877
ENTITY TOTAL				\$313,358,448	\$10,877,102	\$18,981,049	\$93,618,521	\$13,373,015	\$22,814,451	\$16,494,169	\$17,483,016	\$80,238,750	\$16,002,458	\$23,475,916
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH				\$17,213,336	\$914,601	\$0	\$16,298,734	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SYSTEM: Ann Road				\$3,970,576	\$0	\$0	\$3,970,576	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai														
Design/Admin	RCHB 0295	Design Started in 15/16	\$430,021	\$3,970,576			\$210,362							
Right-of-way		LAS16P15	\$344,017											
Construction			\$3,074,648				\$3,760,214							
SYSTEM: Kyle Canyon				\$13,242,760	\$914,601	\$0	\$12,328,158	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Las Vegas Wash - Moccasin, Skye Canyon Park to Squirrels Nest														
Design/Admin	LVMO 0000		\$1,335,162	\$13,242,760	\$914,601		\$653,147							
Right-of-way			\$1,068,130											
Construction			\$9,546,409				\$11,675,011							

EXHIBIT C

CITY OF NORTH LAS VEGAS 10-YEAR CONSTRUCTION PROGRAM

ADOPTED

				FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027								
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27		
TOTAL PLAN				Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416		
Unencumbered from previous year		\$32,284,196	Cumulative Available Resources		\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690		
ENTITY RESOURCES				Annual Resources	\$191,827,359	\$33,736,713	\$9,515,759	\$45,966,005	\$8,280,079	\$9,197,684	\$9,982,519	\$10,844,600	\$43,360,838	\$9,987,863	\$10,955,299		
Unencumbered from previous year		\$23,052,681	Cumulative Available Resources		\$168,774,678	\$31,571,713	\$12,793,914	\$2,975,962	\$5,785,133	\$7,833,382	\$5,444,960	\$11,820,814	\$24,011,378	\$33,999,241	\$19,504,146		
ENTITY TOTAL				\$488,547,325	\$340,609,220	\$172,323,213	\$2,165,000	\$28,293,558	\$55,783,957	\$5,470,908	\$7,149,435	\$12,370,941	\$4,468,745	\$31,170,274	\$0	\$25,450,394	
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH				\$258,586,054	\$151,646,075	\$32,091,733	\$0	\$0	\$4,443,088	\$367,599	\$673,609	\$0	\$4,468,745	\$10,159,554	\$0	\$11,979,139	
SYSTEM: LV Wash Craig				\$109,468,557	\$40,950,363	\$9,279,432	\$0	\$0	\$4,443,088	\$367,599	\$0	\$0	\$4,468,745	\$0	\$0	\$0	
PROJECT: North Las Vegas Detention Basin Upgrade																	
	Design/Admin	LVUP 0406		\$486,372	\$4,836,344				\$367,599			\$267,790					
	Right-of-way			\$389,097													
	Construction			\$3,051,982									\$4,200,955				
PROJECT: Fifth Street Collector - Centennial to Deer Springs																	
	Design/Admin	LV5C 0000, 0002	Design started 16/17	\$470,561	\$4,443,088			\$230,194									
	Right-of-way		NLV17C16	\$385,432													
	Construction			\$3,444,794					\$4,212,894								
SYSTEM: Cheyenne Lamb Nellis				\$51,204,489	\$92,939,441	\$22,812,301	\$0	\$0	\$0	\$0	\$673,609	\$0	\$0	\$10,159,554	\$0	\$11,979,139	
PROJECT: Lake Mead Drain to Las Vegas Wash																	
	Design/Admin	LVLE 0000, 0047		\$1,054,874	\$12,876,476									\$897,337		\$634,656	
	Right-of-way			\$843,900													
	Construction			\$7,542,353													\$11,344,483
PROJECT: Las Vegas Boulevard Drain																	
	Design/Admin	LVLV 0000		\$865,296	\$9,935,826					\$673,609				\$490,714			
	Right-of-way			\$692,237													
	Construction			\$6,186,866										\$8,771,503			

EXHIBIT C

**CITY OF NORTH LAS VEGAS
10-YEAR CONSTRUCTION PROGRAM
ADOPTED**

				FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027								
		Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27		
TOTAL PLAN				Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416		
Unencumbered from previous year		\$32,284,196		Cumulative Available Resources	\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690		
ENTITY RESOURCES				Annual Resources	\$191,827,359	\$33,736,713	\$9,515,759	\$45,966,005	\$8,280,079	\$9,197,684	\$9,982,519	\$10,844,600	\$43,360,838	\$9,987,863	\$10,955,299		
Unencumbered from previous year		\$23,052,681		Cumulative Available Resources	\$191,827,359	\$31,571,713	\$12,793,914	\$2,975,962	\$5,785,133	\$7,833,382	\$5,444,960	\$11,820,814	\$24,011,378	\$33,999,241	\$19,504,146		
ENTITY TOTAL					\$488,547,325	\$340,609,220	\$172,323,213	\$2,165,000	\$28,293,558	\$55,783,957	\$5,470,908	\$7,149,435	\$12,370,941	\$4,468,745	\$31,170,274	\$0	\$25,450,394
HYDROGRAPHIC BASIN: RANGE			\$126,569,409	\$162,096,557	\$140,231,480	\$2,165,000	\$28,293,558	\$51,340,869	\$5,103,310	\$6,475,826	\$12,370,941	\$0	\$21,010,720	\$0	\$13,471,255		
SYSTEM: Lower Range			\$65,749,662	\$24,394,411	\$11,796,742	\$633,483	\$842,423	\$427,805	\$5,103,310	\$4,330,039	\$0	\$0	\$459,682	\$0	\$0		
PROJECT: Range Wash - Alto Conveyance, Confluence DB to Los Feliz																	
	Design/Admin			\$437,260			\$311,509			\$226,930							
	Right-of-way	RWAL 0000, 0068		\$349,807	\$5,022,612			\$427,805									
	Construction			\$3,126,408						\$4,056,368							
PROJECT: Orchard Collector - Charleston to Linden																	
	Design/Admin			\$34,705		\$15,849											
	Right-of-way	SLOR 0158	Design Started 00/01	\$27,765	\$250,613												
	Construction		CLA21A00	\$205,629		\$234,764											
PROJECT: Owens Detention Basin & Outfall																	
	Design/Admin			\$558,925		\$382,870			\$281,623								
	Right-of-way	SLWA 0130 thru 0175 & SLOW 0000, 0005		\$447,140	\$6,017,094		\$530,914										
	Construction			\$3,827,758					\$4,821,687								
PROJECT: Range Wash - Sloan Channel, Stewart Bridge																	
	Design/Admin			\$60,043						\$46,742				\$34,051			
	Right-of-way	RWSL 0188			\$506,424												
	Construction			\$300,214										\$425,632			
SYSTEM: West Range			\$58,235,363	\$101,410,556	\$54,254,853	\$1,531,517	\$0	\$33,954,288	\$0	\$0	\$12,370,941	\$0	\$6,398,107	\$0	\$0		
PROJECT: Beltway Detention Basin & Channel																	
	Design/Admin			\$879,720							\$470,255						
	Right-of-way	RWRR 0107 thru 0261 & RWBE 0000	Design Started 13/14	\$703,778	\$13,074,434	\$703,493											
	Construction		NLV0913	\$6,002,580							\$11,900,686						
			Eng. Est.														
PROJECT: Las Vegas Boulevard Storm Drain																	
	Design/Admin			\$4,231,069										\$3,599,189			
	Right-of-way	SLLV 0000, 0119, 0176, & SLNL 0000		\$3,384,854	\$6,398,107									\$2,798,918			
	Construction			\$30,252,138													
PROJECT: Range Wash - Beltway Conveyance																	
	Design/Admin			\$236,261		\$161,842		\$115,577									
	Right-of-way	RWBW 0030, RWWE 0493 & 0517		\$189,009	\$2,559,136	\$215,788											
	Construction			\$1,689,267				\$2,065,930									
PROJECT: Vandenberg North Detention Basin, Collection & Outfall																	
	Design/Admin			\$1,428,097				\$1,000,000									
	Right-of-way	RWWE 0352, 0397 thru 0439	PreDesign Started 10/11	\$1,142,479	\$25,701,808												
	Construction		NLV09E11	\$9,828,121				\$24,701,808									
			Eng. Est.														
PROJECT: Beltway Collection System - Pecos																	
	Design/Admin			\$657,498		\$450,393		\$321,641									
	Right-of-way	RWWE 0463 & RWBW 0000		\$525,998	\$6,521,367												
	Construction			\$4,701,108				\$5,749,333									

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 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027				
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27
TOTAL PLAN			Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416
Unencumbered from previous year	\$32,284,196		Cumulative Available Resources	\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690
ENTITY RESOURCES			Annual Resources	\$191,827,359	\$33,736,713	\$9,515,759	\$45,966,005	\$8,280,079	\$9,197,684	\$9,982,519	\$10,844,600	\$43,360,838	\$9,987,863	\$10,955,299
Unencumbered from previous year	\$23,052,681		Cumulative Available Resources		\$31,571,713	\$12,793,914	\$2,975,962	\$5,785,133	\$7,833,382	\$5,444,960	\$11,820,814	\$24,011,378	\$33,999,241	\$19,504,146
ENTITY TOTAL		\$488,547,325	\$340,609,220	\$172,323,213	\$2,165,000	\$28,293,558	\$55,783,957	\$5,470,908	\$7,149,435	\$12,370,941	\$4,468,745	\$31,170,274	\$0	\$25,450,394
SYSTEM: East Range		\$2,584,385	\$36,291,589	\$74,179,884	\$0	\$27,451,135	\$16,958,776	\$0	\$2,145,788	\$0	\$0	\$14,152,931	\$0	\$13,471,255
PROJECT: Hollywood System, Dunes South Detention Basin to Centennial Parkway														
Design/Admin		Design Started 13/14	\$2,088,226			\$1,000,000								
Right-of-way	RWHW 0000 thru 0277	NLV03E13	\$1,670,581	\$27,451,135										
Construction		Eng. Est.	\$14,930,825			\$26,451,135								
PROJECT: Range Wash - Dunes South Detention Basin														
Design/Admin	RWEA 0163, 0164, 0165, 0166 & 0192		\$1,323,085	\$16,097,404								\$1,125,492		\$796,023
Right-of-way			\$1,058,469									\$1,500,657		
Construction			\$8,427,099											\$12,675,232
PROJECT: Range Wash - Ann Branch														
Design/Admin		Design started 16/17	\$1,259,809	\$11,632,391			\$616,286							
Right-of-way	RWAN 0000, 0050	NLV03F17	\$1,007,847											
Construction			\$9,007,636				\$11,016,105							
PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin														
Design/Admin		Design started 16/17	\$583,000	\$5,326,385			\$285,198							
Right-of-way	RWHW 0300 thru 0412	NLV03G17	\$466,399											
Construction			\$4,122,073				\$5,041,188							
PROJECT: Speedway North Detention Basin and Outfall														
Design/Admin			\$1,181,318	\$13,672,569					\$919,623			\$669,931		
Right-of-way	RWHW 0459,0498, 0499, 0500		\$945,055						\$1,226,165					
Construction			\$7,657,738									\$10,856,850		

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 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027				
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27
TOTAL PLAN				\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416
Unencumbered from previous year	\$32,284,196			\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690
ENTITY RESOURCES				\$272,364,715	\$28,687,623	\$14,667,360	\$70,850,887	\$12,762,714	\$14,177,088	\$15,386,813	\$16,715,604	\$66,835,345	\$15,395,049	\$16,886,232
Unencumbered from previous year	\$12,219,515				\$8,718,018	\$3,178,599	\$11,732,459	\$3,026,767	\$3,358,355	\$3,238,433	\$15,391,664	\$5,180,269	\$3,518,335	\$4,141,034
ENTITY TOTAL		\$1,065,594,071	\$552,627,233	\$268,223,681	\$19,969,604	\$20,206,780	\$62,297,027	\$21,468,406	\$13,845,500	\$15,506,734	\$4,562,373	\$77,046,740	\$17,056,984	\$16,263,533
HYDROGRAPHIC BASIN: Tropicana/ Flamingo		\$693,370,426	\$158,884,827	\$119,615,289	\$10,949,217	\$1,484,336	\$32,416,423	\$0	\$328,127	\$343,835	\$4,562,373	\$51,368,028	\$17,056,984	\$1,105,965
SYSTEM: Tropicana Flamingo Project		\$362,797,746	\$19,573,293	\$14,255,702	\$0	\$0	\$0	\$0	\$0	\$343,835	\$649,618	\$4,590,086	\$8,672,163	\$0
PROJECT: Blue Diamond - Buffalo Branch														
Design/Admin			\$786,575											
Right-of-way	BDBF 0010, 0076, 0125		\$629,259	\$9,321,781							\$649,618		\$459,453	
Construction			\$5,624,008										\$8,212,710	
PROJECT: Flamingo - Cimarron Branch														
Design/Admin			\$428,816							\$343,835		\$243,183		
Right-of-way	FLCM 0003, 0040		\$343,052	\$4,933,922										
Construction			\$3,066,031									\$4,346,903		
SYSTEM: Lower Flamingo		\$241,571,216	\$107,037,196	\$54,088,578	\$10,949,217	\$484,336	\$4,110,618	\$0	\$0	\$0	\$2,743,402	\$27,416,183	\$8,384,821	\$0
PROJECT: Wagon Trail Channel - Sunset to Teco														
Design/Admin			\$176,000			\$125,384	\$86,097							
Right-of-way	WGTR 0111		\$140,800	\$1,917,646		\$167,179								
Construction			\$1,258,396			\$1,538,986								
PROJECT: Flamingo Wash, Maryland to Palos Verde														
Design/Admin			\$269,188			\$191,773	\$131,684							
Right-of-way	FLWA 0621 & 0673		\$215,351	\$2,677,308										
Construction			\$1,924,694			\$2,353,851								
PROJECT: Las Vegas Wash - Christy														
Design/Admin			\$1,970,430								\$1,627,341	\$1,117,441		
Right-of-way	LVCH 0000, 0114		\$1,576,344	\$22,719,035										
Construction			\$14,088,579									\$19,974,253		
PROJECT: Flamingo Wash Maryland - UNLV														
Design/Admin			\$590,847								\$487,969	\$335,072		
Right-of-way	FLMR 0000		\$472,678	\$6,812,459										
Construction			\$4,224,557									\$5,989,417		
PROJECT: Airport Channel - Naples														
Design/Admin		Design Started 13/14	\$328,199		\$184,051									
Right-of-way	TRMC 0013, 0031, 0033	CLA10H13	\$262,559	\$9,549,217										
Construction		Eng. Est.	\$2,346,621		\$9,365,166									
PROJECT: Vegas Valley Drive - Flamingo Wash to Pecos														
Design/Admin			\$760,512								\$628,092		\$444,229	
Right-of-way	VAVD 0000 & 0025		\$608,410	\$9,012,913										
Construction			\$5,437,663										\$7,940,592	
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.														
Design/Admin		Design Started 09/10	\$32,099		\$100,000									
Right-of-way	FLWA 0893 & 0896	CLA10F10	\$25,679	\$1,400,000										
Construction		Eng. Est.	\$229,504		\$1,300,000									
SYSTEM: Lower LV Wash Tributaries		\$17,154,487	\$29,604,381	\$51,271,009	\$0	\$1,000,000	\$28,305,805	\$0	\$328,127	\$0	\$1,169,353	\$19,361,759	\$0	\$1,105,965
PROJECT: Tropicana Avenue Conveyance - Morris to Mountain Vista														
Design/Admin			\$421,501						\$328,127			\$239,036		
Right-of-way	LV01 0151		\$337,201	\$4,839,921										
Construction			\$3,013,735									\$4,272,759		
PROJECT: Las Vegas Wash - Boulder Highway														
Design/Admin			\$1,225,497											\$1,105,965
Right-of-way	LVBH 0000		\$980,397	\$1,105,965										
Construction			\$8,762,304											
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris														
Design/Admin		Design Started 11/12	\$1,275,229			\$1,000,000	\$1,088,685							
Right-of-way	LV01 0001 thru 0135	CLA35A11	\$1,020,185	\$29,305,805										
Construction		Eng. Est.	\$9,117,898			\$27,217,120								
PROJECT: Las Vegas Wash - Branch 02 - Monson Chnl - Las Vegas Wash to Boulder Hwy.														
Design/Admin			\$1,415,886								\$1,169,353	\$802,956		
Right-of-way	LV02 0001 thru 0294		\$1,132,709	\$16,019,318										
Construction			\$9,907,874									\$14,047,008		

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 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027				
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27
TOTAL PLAN				\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416
Unencumbered from previous year	\$32,284,196			\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690
ENTITY RESOURCES				\$272,364,715	\$28,687,623	\$14,667,360	\$70,850,887	\$12,762,714	\$14,177,088	\$15,386,813	\$16,715,604	\$66,835,345	\$15,395,049	\$16,886,232
Unencumbered from previous year	\$12,219,515				\$8,718,018	\$3,178,599	\$11,732,459	\$3,026,767	\$3,358,355	\$3,238,433	\$15,391,664	\$5,180,269	\$3,518,335	\$4,141,034
ENTITY TOTAL		\$1,065,594,071	\$552,627,233	\$268,223,681	\$19,969,604	\$20,206,780	\$62,297,027	\$21,468,406	\$13,845,500	\$15,506,734	\$4,562,373	\$77,046,740	\$17,056,984	\$16,263,533
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond		\$302,474,814	\$201,718,434	\$76,916,733	\$4,426,190	\$8,702,566	\$28,403,242	\$9,699,741	\$13,517,373	\$12,167,620	\$0	\$0	\$0	\$0
SYSTEM: Blue Diamond Tributaries		\$45,918,214	\$47,534,900	\$20,683,853	\$0	\$1,200,697	\$6,101,038	\$4,817,884	\$0	\$8,564,234	\$0	\$0	\$0	\$0
PROJECT: Blue Diamond Wash - Arville to I-15														
Design/Admin	BDWA 0276		\$503,358	\$5,006,327		\$358,598	\$246,237							
Right-of-way			\$402,686											
Construction			\$3,599,007				\$4,401,492							
PROJECT: Duck Cr. / Blue Diamond, Bermuda to Las Vegas Blvd.														
Design/Admin	DCBD 0075, 0082 & 0084		\$506,588	\$5,659,983		\$360,899	\$255,252							
Right-of-way			\$405,271			\$481,200								
Construction			\$3,622,105				\$4,562,632							
PROJECT: Blue Diamond Channel, Amigo to Rancho Destino														
Design/Admin	BDWA 0087 thru 0174		\$848,814	\$10,017,542			\$622,847			\$453,734				
Right-of-way			\$679,051			\$830,462								
Construction			\$6,069,022				\$8,110,499							
SYSTEM: Upper Duck Creek		\$66,782,047	\$74,969,770	\$37,139,547	\$3,826,190	\$2,525,908	\$22,302,205	\$4,881,857	\$0	\$3,603,387	\$0	\$0	\$0	\$0
PROJECT: Duck Creek Jones Boulevard														
Design/Admin	DCJB 0000, 0043	RTC Project	\$831,705	\$2,160,217		\$395,011								
Right-of-way			\$665,364											
Construction			\$5,946,690			\$1,765,206								
PROJECT: Silverado Ranch Detention Basin and Outfall Facilities														
Design/Admin	BD02 0125 thru 0312 & 0359 and 0385	Design Started 13/14	\$1,857,765	\$22,040,143			\$908,799							
Right-of-way		CLA08S13	\$1,486,212											
Construction			\$13,190,259			\$21,131,344								
PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar														
Design/Admin	BD02 0334, 0358	RTC Project	\$430,297	\$3,500,000	\$500,000									
Right-of-way		No Design	\$344,239											
Construction			\$3,076,628			\$3,000,000								
PROJECT: Blue Diamond Wash Railroad														
Design/Admin	BDW5 0026		\$357,137	\$4,191,638			\$262,061			\$190,908				
Right-of-way			\$285,709			\$326,190								
Construction			\$2,553,531								\$3,412,479			
PROJECT: Duck Creek Wash Tributary 4 - Detention Basin to Jones														
Design/Admin	DCW4 0298		\$513,315	\$5,247,548		\$365,691	\$258,641							
Right-of-way			\$410,652											
Construction			\$3,670,199			\$4,623,215								
SYSTEM: Lower Duck Creek		\$165,125,232	\$22,785,422	\$14,500,444	\$0	\$983,071	\$0	\$0	\$13,517,373	\$0	\$0	\$0	\$0	\$0
PROJECT: Duck Creek, Sunset Park														
Design/Admin	DCSP 0000		\$1,379,919	\$14,500,444		\$983,071			\$716,152					
Design/Admin			\$1,103,935											
Construction			\$9,866,422			\$12,801,220								
SYSTEM: Central Duck Creek		\$24,649,321	\$56,428,342	\$4,592,890	\$600,000	\$3,992,890	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Duck Creek Wash, Torrey Pines to Rainbow														
Design/Admin	DCWA 1775, 1803, 1827	Developer Participation	\$387,474	\$600,000										
Right-of-way			\$309,979											
Construction			\$2,770,438			\$600,000								
PROJECT: Duck Creek Haven Street														
Design/Admin	DCHV 0026, 0050, 0057		\$445,410	\$3,992,890			\$211,544							
Right-of-way			\$356,329											
Construction			\$3,184,684			\$3,781,346								

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 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027						
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27		
TOTAL PLAN			Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416		
Unencumbered from previous year	\$32,284,196		Cumulative Available Resources	\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690		
ENTITY RESOURCES			Annual Resources	\$272,364,715	\$28,687,623	\$14,667,360	\$70,850,887	\$12,762,714	\$14,177,088	\$15,386,813	\$16,715,604	\$66,835,345	\$15,395,049	\$16,886,232		
Unencumbered from previous year	\$12,219,515		Cumulative Available Resources		\$8,718,018	\$3,178,599	\$11,732,459	\$3,026,767	\$3,358,355	\$3,238,433	\$15,391,664	\$5,180,269	\$3,518,335	\$4,141,034		
ENTITY TOTAL				\$1,065,594,071	\$552,627,233	\$268,223,681	\$19,969,604	\$20,206,780	\$62,297,027	\$21,468,406	\$13,845,500	\$15,506,734	\$4,562,373	\$77,046,740	\$17,056,984	\$16,263,533
HYDROGRAPHIC BASIN: Outlying Areas				\$69,748,831	\$192,023,972	\$71,691,659	\$4,594,197	\$10,019,878	\$1,477,361	\$11,768,665	\$0	\$2,995,278	\$0	\$25,678,712	\$0	\$15,157,568
SYSTEM: Goodsprings				\$64,849	\$2,701,170	\$852,150	\$852,150	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Goodsprings - Phase I																
Design/Admin	GSEA 0000	Design Started 09/10	\$91,455		\$41,765											
Right-of-way	GSPA 0027 & 0029	GSP01B10	\$55,910	\$852,150	\$63,832											
Construction	GSRV 0019		\$653,904		\$746,553											
SYSTEM: Muddy River & Tributaries				\$25,323,000	\$118,662,000	\$38,281,630	\$0	\$10,019,878	\$1,335,519	\$11,768,665	\$0	\$0	\$0	\$0	\$0	\$15,157,568
PROJECT: Fairgrounds - Detention Basin (Whipple Street)																
Design/Admin	FGWS 0000 thru 0166	Design Started 10/11	\$1,197,000		\$543,764											
Right-of-way		MOA03A11	\$0	\$10,019,878												
Construction			\$8,344,000		\$9,476,114											
PROJECT: Muddy River - Cooper to Yamashita																
Design/Admin	MRLV 0395 thru 0508	MOA01B89	\$1,267,000		\$610,614											
Right-of-way			\$1,141,713	\$13,104,184		\$1,335,519										
Construction			\$9,261,000		\$11,158,050											
PROJECT: Bryner Avenue to Lewis																
Design/Admin	MRLV 0198, 0240, 0268, 0276	MOA01B89	\$1,395,000													\$802,764
Right-of-way			\$0	\$15,157,568												
Construction			\$9,978,000													\$14,354,804
SYSTEM: Mount Charleston				\$304,564	\$894,337	\$101,100	\$0	\$0	\$0	\$0	\$0	\$0	\$101,100	\$0	\$0	\$0
PROJECT: Rainbow Canyon Boulevard Bridge																
Design/Admin	MTCH 0001		\$118,849										\$101,100			
Right-of-way			\$0	\$101,100												
Construction			\$775,488													
SYSTEM: Laughlin				\$33,124,938	\$58,328,851	\$17,478,841	\$1,196,683	\$0	\$141,842	\$0	\$0	\$2,816,928	\$0	\$13,323,388	\$0	\$0
PROJECT: Bridge Canyon Detention Basin																
Design/Admin	LUHS 0415, 0416, 0417		\$1,110,088									\$890,098		\$629,536		
Right-of-way			\$0	\$11,400,303												
Construction			\$6,969,201											\$9,880,669		
PROJECT: Bridge Canyon Outfall																
Design/Admin	LUHS 0315, 0316, 0317		\$252,575									\$202,521		\$143,236		
Right-of-way			\$0	\$3,015,704												
Construction			\$1,883,212											\$2,669,947		
PROJECT: Hiko Detention Basin Expansion																
Design/Admin	LUHS 0244		\$193,302				\$141,842					\$103,330				
Right-of-way			\$0	\$1,866,151												
Construction			\$1,212,966									\$1,620,980				
PROJECT: SR 163 at Casino Drive																
Design/Admin	LUBC 0000, 0001, 0006, 0007	Design Started 08/09	\$98,081		\$44,791											
Right-of-way		LAU04A08	\$24,526	\$1,196,683												
Construction		Eng. Est.	\$778,578		\$1,151,892											
SYSTEM: Searchlight				\$1,411,509	\$3,224,834	\$5,102,007	\$2,545,364	\$0	\$0	\$0	\$0	\$178,350	\$0	\$2,378,293	\$0	\$0
PROJECT: Searchlight - South, Encinitas St. Storm Drain																
Design/Admin	SRSO 0000, 0010, 0021, 0030	Design Started 09/10	\$173,481		\$79,224											
Right-of-way		SEA03A09	\$0	\$2,545,364												
Construction			\$1,240,394		\$2,466,140											
PROJECT: Searchlight - West																
Design/Admin	SRWE 0001 thru 0091		\$222,430									\$178,350		\$126,141		
Right-of-way			\$0	\$2,556,643												
Construction			\$1,588,526											\$2,252,152		
SYSTEM: Bunkerville				\$9,519,970	\$8,212,780	\$9,875,931	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,875,931	\$0	\$0
PROJECT: Windmill Wash Detention Basin Expansion																
Design/Admin	WIWA 0039, JEWA 0165	Design Started 10/11	\$1,537,304											\$889,249		
Design/Admin		BUN01D11	\$0	\$9,875,931												
Construction			\$6,214,352											\$8,986,682		

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 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027				
					(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27
TOTAL PLAN			Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416
Unencumbered from previous year	\$32,284,196		Cumulative Available Resources	\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690
ENTITY RESOURCES			Annual Resources	\$7,912,179	\$1,435,494	\$966,575	\$4,669,052	\$841,059	\$0	\$0	\$0	\$0	\$0	\$0
Unencumbered from previous year	\$350,251		Cumulative Available Resources		\$706,078	\$1,551,156	\$2,825,544	\$3,541,197	\$3,220,845	\$3,220,845	\$3,220,845	\$3,220,845	\$3,220,845	\$3,220,845
ENTITY TOTAL		\$44,844,167	\$38,244,252	\$4,691,334	\$729,416	\$121,496	\$3,394,665	\$125,405	\$320,352	\$0	\$0	\$0	\$0	\$0
HYDROGRAPHIC BASIN: Boulder City		\$44,844,167	\$38,244,252	\$4,691,334	\$729,416	\$121,496	\$3,394,665	\$125,405	\$320,352	\$0	\$0	\$0	\$0	\$0
SYSTEM: Georgia/Buchanan		\$12,183,226	\$1,794,645	\$2,210,334	\$0	\$121,496	\$1,741,538	\$26,948	\$320,352	\$0	\$0	\$0	\$0	\$0
PROJECT: Georgia Buchanan Confluence Facilities														
Design/Admin	GBGR 0003 & GBBC 0004		\$170,542	\$1,863,034		\$121,496	\$83,427							
Right-of-way			\$0											
Construction			\$1,355,802				\$1,658,111							
PROJECT: Georgia Avenue Facilities - Vaquero Drive Bridge														
Design/Admin	GBGR 0099		\$35,655	\$347,300				\$26,948	\$18,504					
Right-of-way			\$0											
Construction			\$232,647							\$301,848				
SYSTEM: Hemenway		\$13,994,969	\$1,138,062	\$729,416	\$729,416	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Hemenway System, Phase IIB Improvements														
Design/Admin	HMWA 0005, 0105 & HMLV 0006	Design Started 09/10	\$35,887	\$729,416		\$47,719								
Right-of-way		BOU01C10	\$0											
Construction		Eng. Est	\$69,980			\$681,697								
SYSTEM: North Railroad		\$10,883,089	\$1,852,616	\$1,751,584	\$0	\$0	\$1,653,127	\$98,458	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Wells Drive Levee Lining														
Design/Admin	NRIN 0088		\$11,287	\$98,458				\$14,217						
Right-of-way			\$0											
Construction			\$66,875						\$84,240					
PROJECT: North Railroad Conveyance														
Design/Admin	Phase 2 Const NRIN 0010, 0031, 0062	Design Started 09/10	\$195,394	\$1,653,127			\$95,585							
Construction		BOU05J10	\$1,273,569				\$1,557,542							

EXHIBIT C

**CITY OF MESQUITE
10-YEAR CONSTRUCTION PROGRAM
ADOPTED**

				FIRST FIVE YEARS 7/2017 THRU 6/2022					SECOND FIVE YEARS 7/2022 THRU 6/2027						
Fac. ID Mile Range	Existing Value/ Comments	Project Cost Per MPU	Total Plan	(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20	(Year 4) FY 20/21	(Year 5) FY 21/22	(Year 6) FY 22/23	(Year 7) FY 23/24	(Year 8) FY 24/25	(Year 9) FY 25/26	(Year 10) FY 26/27		
TOTAL PLAN			Annual Resources	\$900,864,909	\$55,590,767	\$49,512,051	\$239,168,649	\$43,082,608	\$46,922,790	\$50,926,693	\$55,324,677	\$221,209,108	\$50,953,955	\$55,889,416	
Unencumbered from previous year			\$32,284,196	Cumulative Available Resources	\$849,649,219	\$53,448,206	\$31,976,140	\$33,724,535	\$21,508,205	\$21,757,429	\$14,568,875	\$38,368,742	\$55,260,450	\$69,582,974	\$51,215,690
ENTITY RESOURCES			Annual Resources	\$22,280,813	\$4,504,946	\$1,069,961	\$5,168,462	\$931,020	\$1,034,197	\$1,122,444	\$1,219,377	\$4,875,535	\$1,123,045	\$1,231,825	
Unencumbered from previous year			\$3,303,623	Cumulative Available Resources		\$3,819,312	\$1,508,039	\$6,676,502	(\$3,625,930)	(\$3,527,094)	(\$2,404,650)	(\$1,185,273)	\$3,690,262	\$4,813,307	\$6,045,132
ENTITY TOTAL			\$51,329,343	\$39,145,652	\$16,235,681	\$685,634	\$3,381,234	\$0	\$11,233,452	\$935,361	\$0	\$0	\$0	\$0	\$0
HYDROGRAPHIC BASIN: Mesquite			\$51,329,343	\$39,145,652	\$16,235,681	\$685,634	\$3,381,234	\$0	\$11,233,452	\$935,361	\$0	\$0	\$0	\$0	\$0
SYSTEM: Town Wash			\$22,881,796	\$10,064,098	\$11,106,215	\$685,634	\$0	\$0	\$10,420,581	\$0	\$0	\$0	\$0	\$0	\$0
PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash															
Design/Admin	TWMB 0000		\$425,768					\$218,820							
Right-of-way	thru 0044,		\$340,614												
Construction	TOWA 0120		\$3,348,666					\$4,302,555							
PROJECT: Town Wash Mesa Boulevard, El Dorado to Chaparral															
Design/Admin			\$555,515					\$285,503							
Right-of-way	TWMB 0052, 0084,		\$444,412												
Construction	0094		\$4,369,128					\$5,613,703							
SYSTEM: Virgin River			\$0	\$18,421,812	\$5,129,466	\$0	\$3,381,234	\$0	\$812,871	\$935,361	\$0	\$0	\$0	\$0	\$0
PROJECT: Virgin River Flood Wall															
Design/Admin	VREC 0000, 0028,	Design started 15/16	\$286,875					\$138,974							
Right-of-way	0054	MES04A15	\$1,210,995												
Construction			\$2,633,055					\$3,188,894							
PROJECT: Virgin River Erosion Protection, Phase I															
Design/Admin	VREC 0203, 0323,		\$73,440					\$53,366							
Right-of-way	0508, 0519		\$632,655												
Construction			\$677,409					\$812,871							
								\$896,485							

EXHIBIT D

**EXHIBIT D
FISCAL YEAR 2017 - 2018
PROJECT LIST**

Facility ID Mile Range		(Year 1) FY 17/18	(Year 2) FY 18/19	(Year 3) FY 19/20
CITY OF Henderson	TOTAL ELIGIBLE YEAR 1	\$20,276,392		
ENTITY TOTAL		\$0	\$0	\$20,276,392
HYDROGRAPHIC BASIN: PITTMAN		\$0	\$0	\$20,276,392
SYSTEM: Pittman Beltway		\$0	\$0	\$856,892
PROJECT: Anthem Parkway Channel - Horizon Ridge to Sienna Heights				
	Design/Admin			\$45,398
	Construction			\$811,493
				PTAP 0018
SYSTEM: Upper Pittman		\$0	\$0	\$19,419,500
PROJECT: Pittman North Detention Basin and Outfall				
	Design/Admin			\$1,000,000
	Construction			\$18,419,500
				PTNO 0180 thru 0182
CITY OF LAS VEGAS	TOTAL ELIGIBLE YEAR 1	\$121,035,009		
ENTITY TOTAL		\$10,877,102	\$17,670,367	\$92,487,539
HYDROGRAPHIC BASIN: CENTRAL		\$325,192	\$17,670,367	\$30,686,763
SYSTEM: LV Wash Central		\$0	\$150,000	\$13,482,820
PROJECT: Las Vegas Wash - Stewart to Bonanza				
	Design/Admin		\$75,000	\$284,853
	Construction			\$5,091,750
				LVMD 1121 & 1149
PROJECT: Cedar Avenue Channel Improvements				
	Design/Admin		\$75,000	\$429,468
	Construction			\$7,676,749
				CACN 0001 & 0035, CNST 0000
SYSTEM: Sahara Boulder Highway		\$325,192	\$17,520,367	\$17,203,943
PROJECT: Flamingo - Boulder Hwy. North, Charleston - Main to Maryland				
	Design/Admin	\$325,192		
PROJECT: Flamingo - Boulder Highway North - Boulder Hwy, Sahara to Charleston				
	Design/Admin		\$928,231	
	Construction		\$16,592,136	
				FLBN 0038
PROJECT: Flamingo - Boulder Hwy North, Charleston - Boulder Hwy to Maryland Parkway and Maryland Pkwy System				
	Design/Admin			\$911,467
	Construction			\$16,292,476
				FLBN 0167, 0180, 0205 & FLMP 0000
HYDROGRAPHIC BASIN: GOWAN		\$9,637,309	\$0	\$45,502,042
SYSTEM: Gowan North		\$9,637,309	\$0	\$45,502,042
PROJECT: Gowan Box Canyon - Lone Mountain Road				
	Design/Admin			\$266,421
	Construction			\$4,762,269
				GOBX 0015
PROJECT: Gowan Outfall - Alexander Rd., Decatur Blvd to Simmons Street				
	Design/Admin			\$1,440,559
	Construction			\$27,949,128
				GOOF 0275, 0285 0325, 0375
PROJECT: Gowan North - El Capitan Branch, Lone Mtn to Ann Road				
	Design/Admin	\$480,828		
	Construction	\$8,594,810		
				GOEC 0000 thru 0076
PROJECT: Gowan Outfall - El Capitan Branch, Ann Road to Centennial				
	Design/Admin	\$561,670		
	Construction			
				GOEC 0100 thru 0176
PROJECT: Gowan - Alexander Rd., Rancho to Decatur				
	Design/Admin			\$575,024
	Construction			\$10,508,641
				GOAL 0000
HYDROGRAPHIC BASIN: UPPER NORTHERN LV WASH		\$914,601	\$0	\$16,298,734
SYSTEM: Ann Road		\$0	\$0	\$3,970,576
PROJECT: Rancho Road System - Elkhorn, Grand Canyon to Hualapai				
	Design/Admin			\$210,362
	Construction			\$3,760,214
				RCHB 0295
SYSTEM: Kyle Canyon		\$914,601	\$0	\$12,328,158
PROJECT: Las Vegas Wash - Moccasin, Skye Canyon Park to Squirrels Nest				
	Design/Admin	\$914,601		\$653,147
	Construction			\$11,675,011
				LVMO 0000

**EXHIBIT D
FISCAL YEAR 2017 - 2018
PROJECT LIST**

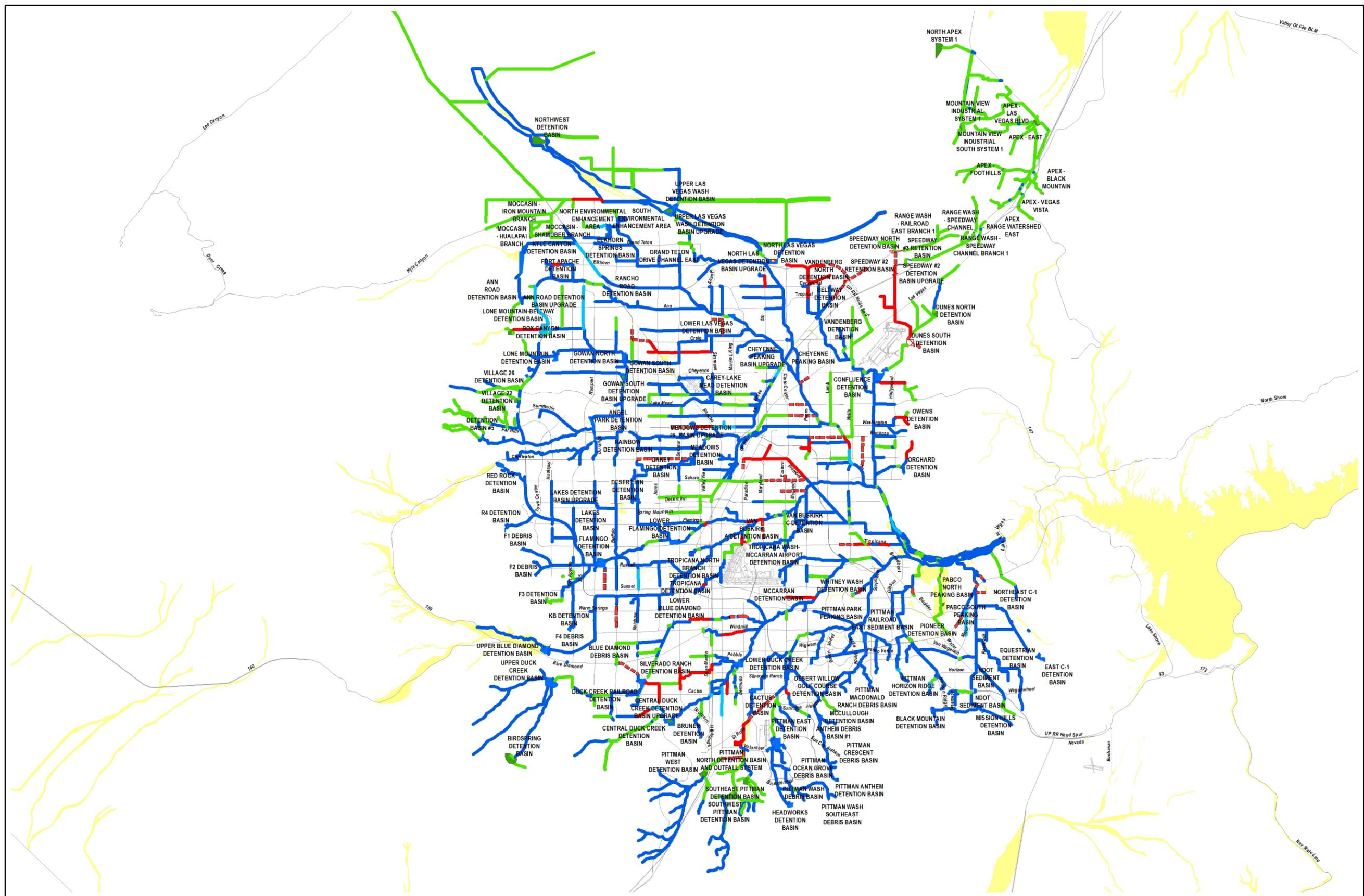
CITY OF NORTH LAS VEGAS		TOTAL ELIGIBLE YEAR 1	\$85,503,200		
		ENTITY TOTAL	\$2,165,000	\$27,982,049	\$55,356,152
HYDROGRAPHIC BASIN: LOWER NORTHERN LV WASH			\$0	\$0	\$4,443,088
SYSTEM: LV Wash Craig			\$0	\$0	\$4,443,088
PROJECT: Fifth Street Collector - Centennial to Deer Springs					
	Design/Admin	LV5C 0000, 0002			\$230,194
	Construction				\$4,212,894
HYDROGRAPHIC BASIN: RANGE			\$2,165,000	\$27,982,049	\$50,913,064
SYSTEM: Lower Range			\$633,483	\$530,914	\$0
PROJECT: Orchard Collector - Charleston to Linden					
	Design/Admin	SLOR 0158	\$15,849		
	Construction		\$234,764		
PROJECT: Owens Detention Basin & Outfall					
	Design/Admin	SLWA 0130 thru 0175 & SLOW 0000, 0005	\$382,870		
	Right-of-way			\$530,914	
SYSTEM: West Range			\$1,531,517	\$0	\$33,954,288
PROJECT: Beltway Detention Basin & Channel					
	Right-of-way	RWRR 0107 thru 0261 & RWBE 0000	\$703,493		
PROJECT: Range Wash - Beltway Conveyance					
	Design/Admin	RWBW 0030, RWWE 0493 & 0517	\$161,842		\$115,577
	Right-of-way		\$215,788		
	Construction				\$2,065,930
PROJECT: Vandenberg North Detention Basin, Collection & Outfall					
	Design/Admin	RWWE 0352, 0397 thru 0439			\$1,000,000
	Construction				\$24,701,808
PROJECT: Beltway Collection System - Pecos					
	Design/Admin	RWWE 0463 & RWBW 0000	\$450,393		\$321,641
	Construction				\$5,749,333
SYSTEM: East Range			\$0	\$27,451,135	\$16,958,776
PROJECT: Hollywood System, Dunes South Detention Basin to Centennial Parkway					
	Design/Admin	RWHW 0000 thru 0277		\$1,000,000	
	Construction			\$26,451,135	
PROJECT: Range Wash - Ann Branch					
	Design/Admin	RWAN 0000, 0050			\$616,286
	Construction				\$11,016,105
PROJECT: Hollywood System, Centennial Pkwy to Speedway #2 Detention Basin					
	Design/Admin	RWHW 0300 thru 0412			\$285,198
	Construction				\$5,041,188
		ENTITY TOTAL	\$19,969,604	\$17,172,984	\$51,681,467
CLARK COUNTY		TOTAL ELIGIBLE YEAR 1	\$88,824,056		
		ENTITY TOTAL	\$10,949,217	\$1,000,000	\$28,305,805
HYDROGRAPHIC BASIN: Tropicana/ Flamingo			\$10,949,217	\$0	\$0
SYSTEM: Lower Flamingo			\$10,949,217	\$0	\$0
PROJECT: Airport Channel - Naples					
	Design/Admin	TRMC 0013, 0031, 0033	\$184,051		
	Construction		\$9,365,166		
PROJECT: Flamingo Wash - Industrial Rd. to Hotel Rio Dr.					
	Design/Admin	FLWA 0893 & 0896	\$100,000		
	Construction		\$1,300,000		
SYSTEM: Lower LV Wash Tributaries			\$0	\$1,000,000	\$28,305,805
PROJECT: Tropicana Avenue Conveyance - Las Vegas Wash to Morris					
	Design/Admin	LV01 0001 thru 0135		\$1,000,000	\$1,088,685
	Construction				\$27,217,120
HYDROGRAPHIC BASIN: Duck Creek/ Blue Diamond			\$4,426,190	\$6,153,107	\$22,040,143
SYSTEM: Upper Duck Creek			\$3,826,190	\$2,160,217	\$22,040,143
PROJECT: Duck Creek Jones Boulevard					
	Design/Admin	DCJB 0000, 0043		\$395,011	
	Construction			\$1,765,206	
PROJECT: Silverado Ranch Detention Basin and Outfall Facilities					
	Design/Admin	BD02 0125 thru 0312 & 0359 and 0385			\$908,799
	Construction				\$21,131,344
PROJECT: Blue Diamond Channel 02, Decatur - Le Baron to Richmar					
	Design/Admin	BD02 0334, 0358	\$500,000		
	Construction		\$3,000,000		
PROJECT: Blue Diamond Wash Railroad					
	Right-of-way	BDW5 0026	\$326,190		
SYSTEM: Central Duck Creek			\$600,000	\$3,992,890	\$0
PROJECT: Duck Creek Wash, Torrey Pines to Rainbow					
	Construction	DCWA 1775, 1803,1827	\$600,000		
PROJECT: Duck Creek Haven Street					
	Design/Admin	DCHV 0026, 0050, 0057		\$211,544	
	Construction			\$3,781,346	
HYDROGRAPHIC BASIN: Outlying Areas			\$4,594,197	\$10,019,878	\$1,335,519
SYSTEM: Goodsprings			\$852,150	\$0	\$0
PROJECT: Goodsprings - Phase I					
	Design/Admin	GSEA 0000	\$41,765		
	Right-of-way	GSPA 0027 & 0029	\$63,832		
	Construction	GSRV 0019	\$746,553		
SYSTEM: Muddy River & Tributaries			\$0	\$10,019,878	\$1,335,519
PROJECT: Fairgrounds - Detention Basin (Whipple Street)					
	Design/Admin	FGWS 0000 thru 0166		\$543,764	
	Construction			\$9,476,114	
PROJECT: Muddy River - Cooper the Yamashita					
	Right-of-way	MRLV 0395 thru 0508			\$1,335,519
SYSTEM: Laughlin			\$1,196,683	\$0	\$0
PROJECT: SR 163 at Casino Drive					
	Design/Admin	LUBC 0000, 0001, 0006, 0007	\$44,791		
	Construction		\$1,151,892		
SYSTEM: Searchlight			\$2,545,364	\$0	\$0
PROJECT: Searchlight - South, Encinitas St. Storm Drain					
	Design/Admin	SRSO 0000, 0010, 0021, 0030	\$79,224		
	Construction		\$2,466,140		

**EXHIBIT D
FISCAL YEAR 2017 - 2018
PROJECT LIST**

BOULDER CITY		TOTAL ELIGIBLE YEAR 1		\$2,382,542		
		ENTITY TOTAL		\$729,416	\$0	\$1,653,127
HYDROGRAPHIC BASIN: Boulder City				\$729,416	\$0	\$1,653,127
SYSTEM: Hemenway				\$729,416	\$0	\$0
PROJECT: Hemenway System, Phase IIB Improvements						
	Design/Admin	HMWA 0005, 0105		\$47,719		
	Construction	& HMLV 0006		\$681,697		
SYSTEM: North Railroad				\$0	\$0	\$1,653,127
PROJECT: North Railroad Conveyance						
	Design/Admin	Phase 2 Const				\$95,585
	Construction	NRIN 0010, 0031, 0062				\$1,557,542
CITY OF MESQUITE		TOTAL ELIGIBLE YEAR 1		\$4,013,502		
		ENTITY TOTAL		\$685,634	\$3,327,868	\$0
HYDROGRAPHIC BASIN: Mesquite				\$685,634	\$3,327,868	\$0
SYSTEM: Town Wash				\$685,634	\$0	\$0
PROJECT: Town Wash - Mesa Boulevard, El Dorado to Town Wash						
	Design/Admin	TWMB 0000 thru 0044, TOWA 0120		\$297,489		
PROJECT: Town Wash Mesa Boulevard, El Dorado to Chaparral						
	Design/Admin	TWMB 0052, 0084, 0094		\$388,145		
SYSTEM: Virgin River				\$0	\$3,327,868	\$0
PROJECT: Virgin River Flood Wall						
	Design/Admin	VREC 0000, 0028, 0054			\$138,974	
	Construction				\$3,188,894	

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.

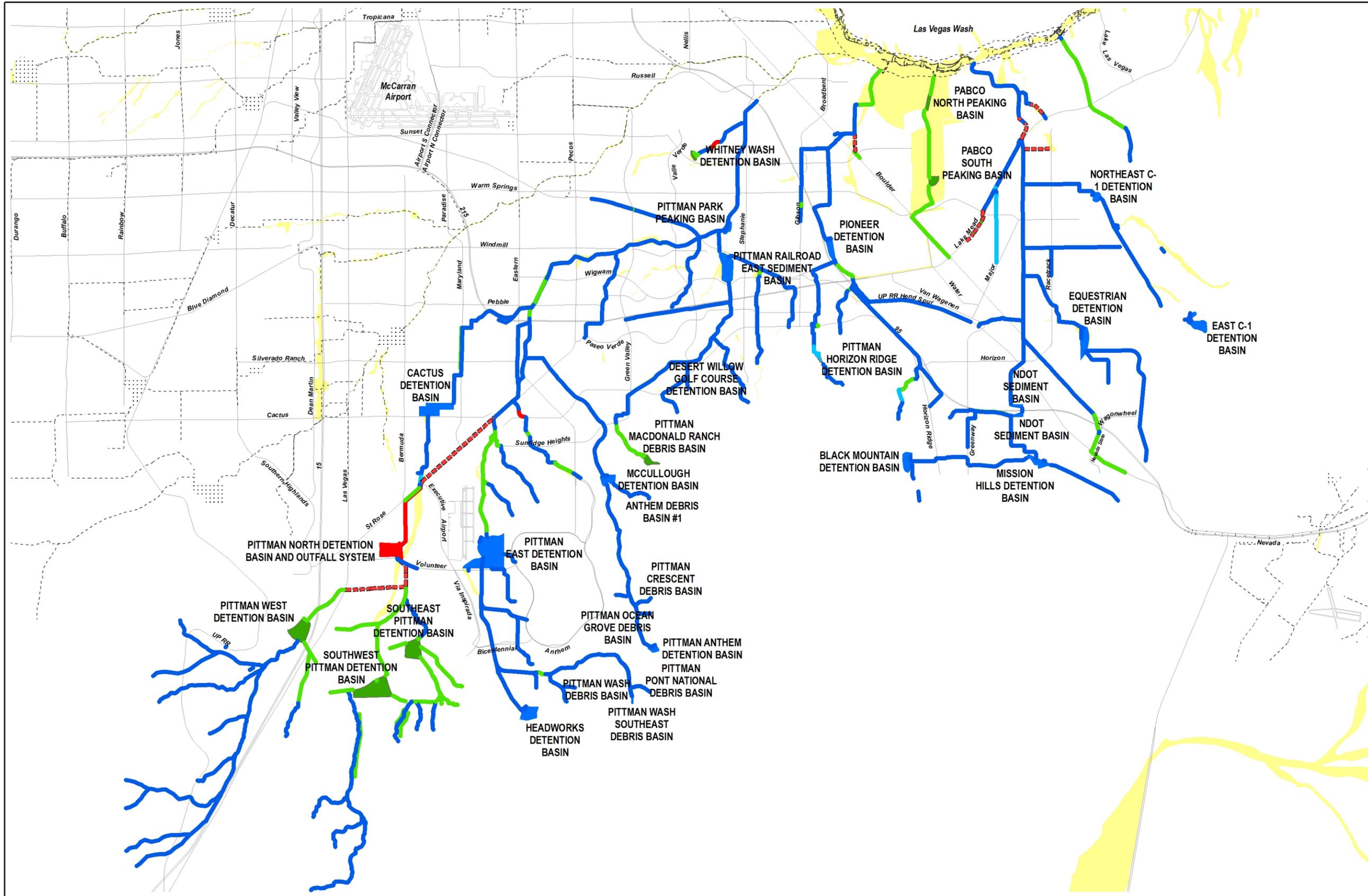
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GIS/DMO
FEMA

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

May 2017



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.

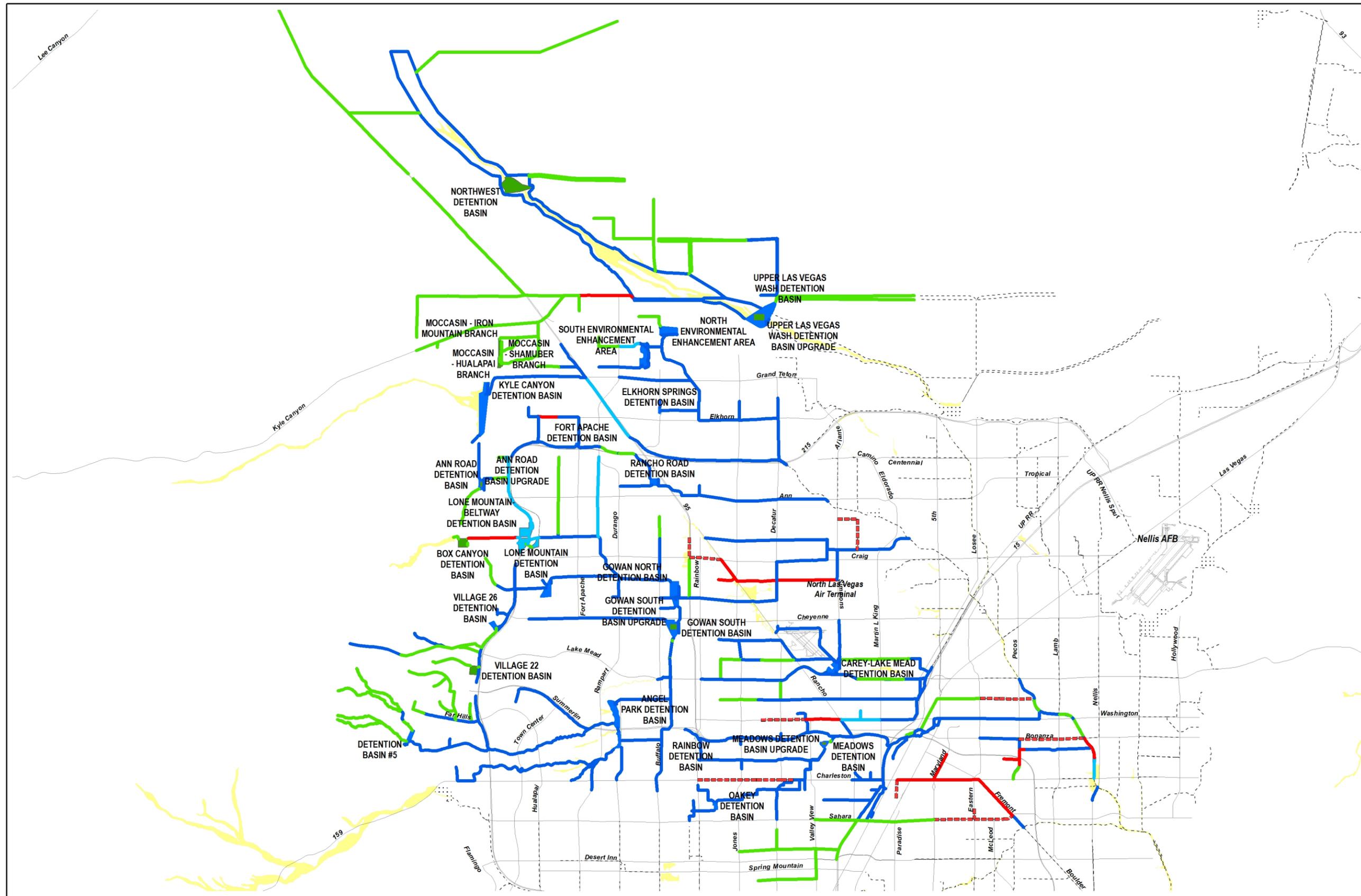
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

FLOOD INSURANCE (FIRM) INFORMATION:
FEMA 2002 DIGITAL FIRM. NOT THE EFFECTIVE FIRM. ALL INFORMATION IS SUBJECT TO CHANGE. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA DELINEATED HEREON. ALL INQUIRIES INTO THE STATUS OF CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT FACILITIES SHOULD BE MADE TO THE DISTRICT OFFICE AT 800 S. GRAND CENTRAL PKWY, SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May 2017



TEN-YEAR CONSTRUCTION PROGRAM GOWAN, CENTRAL AND UPPER NORTHERN BASINS PLANNING AREA



LEGEND

Conveyances STATUS

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

Detention Basins STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



1 inch = 2.44 miles

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
FEBA

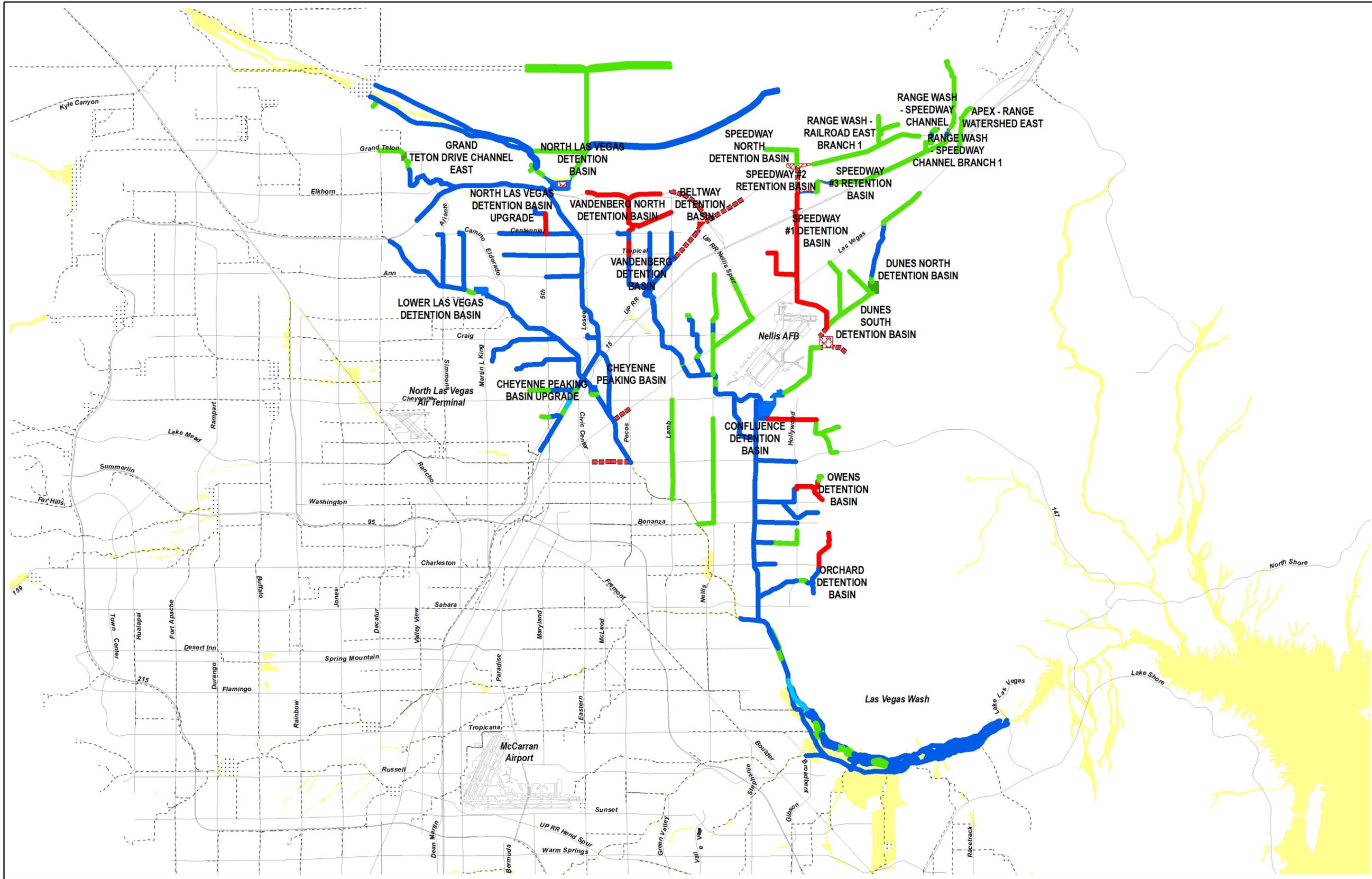
FLOOD INSURANCE (FIRM) INFORMATION:
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May 2017



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 HEREON.

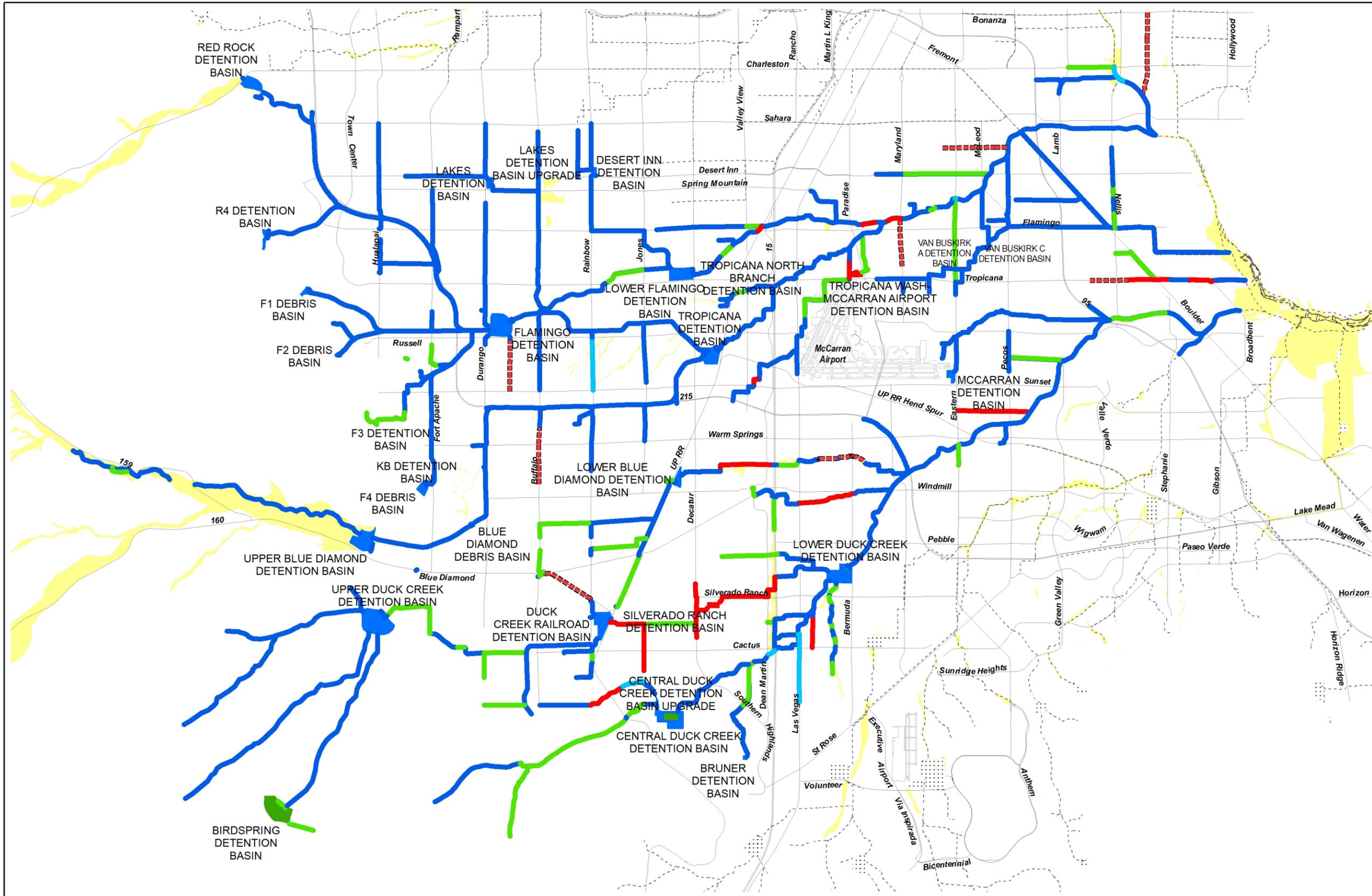
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

May 2017



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

N
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1 inch = 1.88 miles

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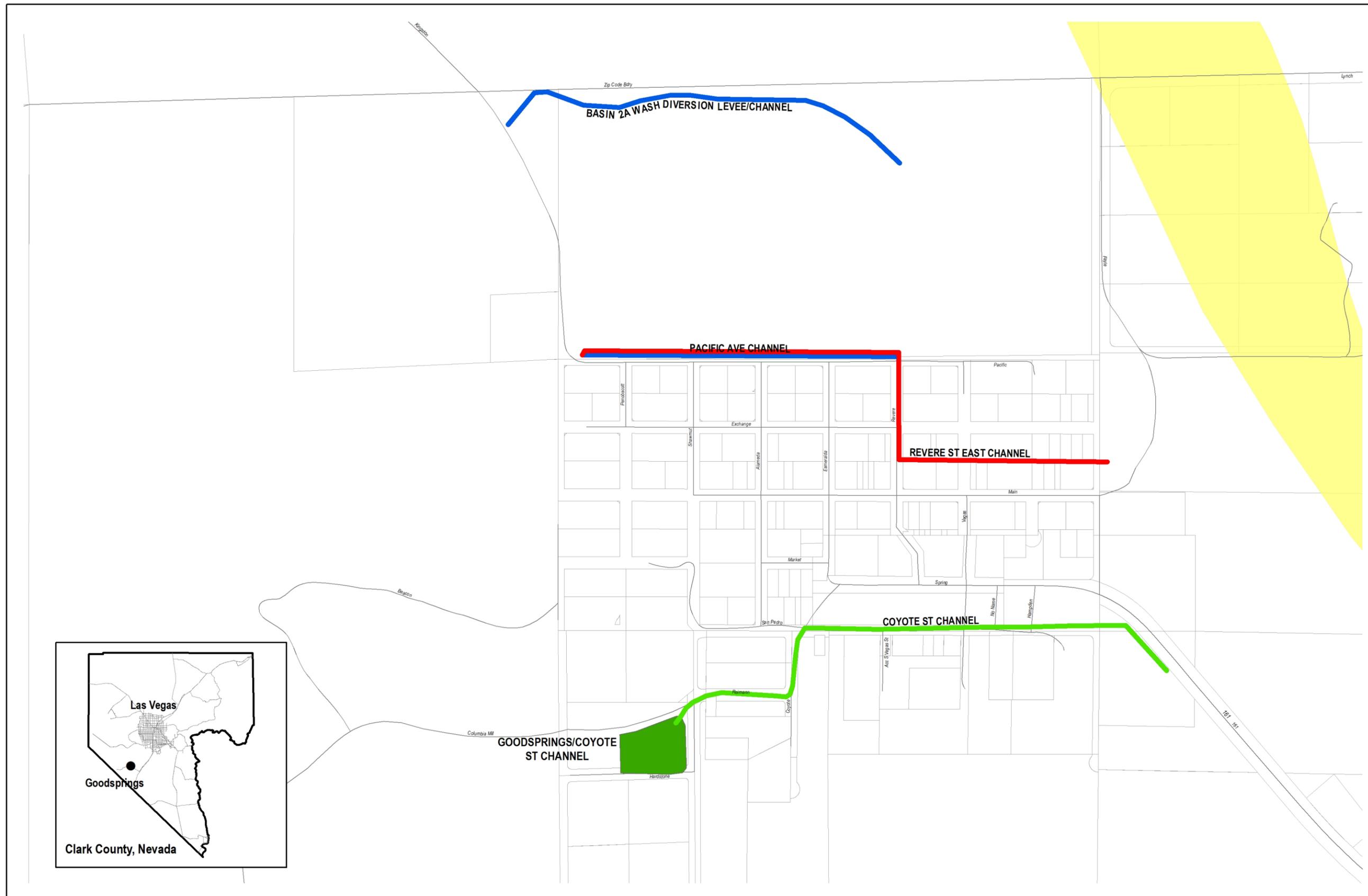
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

May 2017



TEN-YEAR CONSTRUCTION PROGRAM GOODSPRINGS PLANNING AREA



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



1 inch = 0.09 miles

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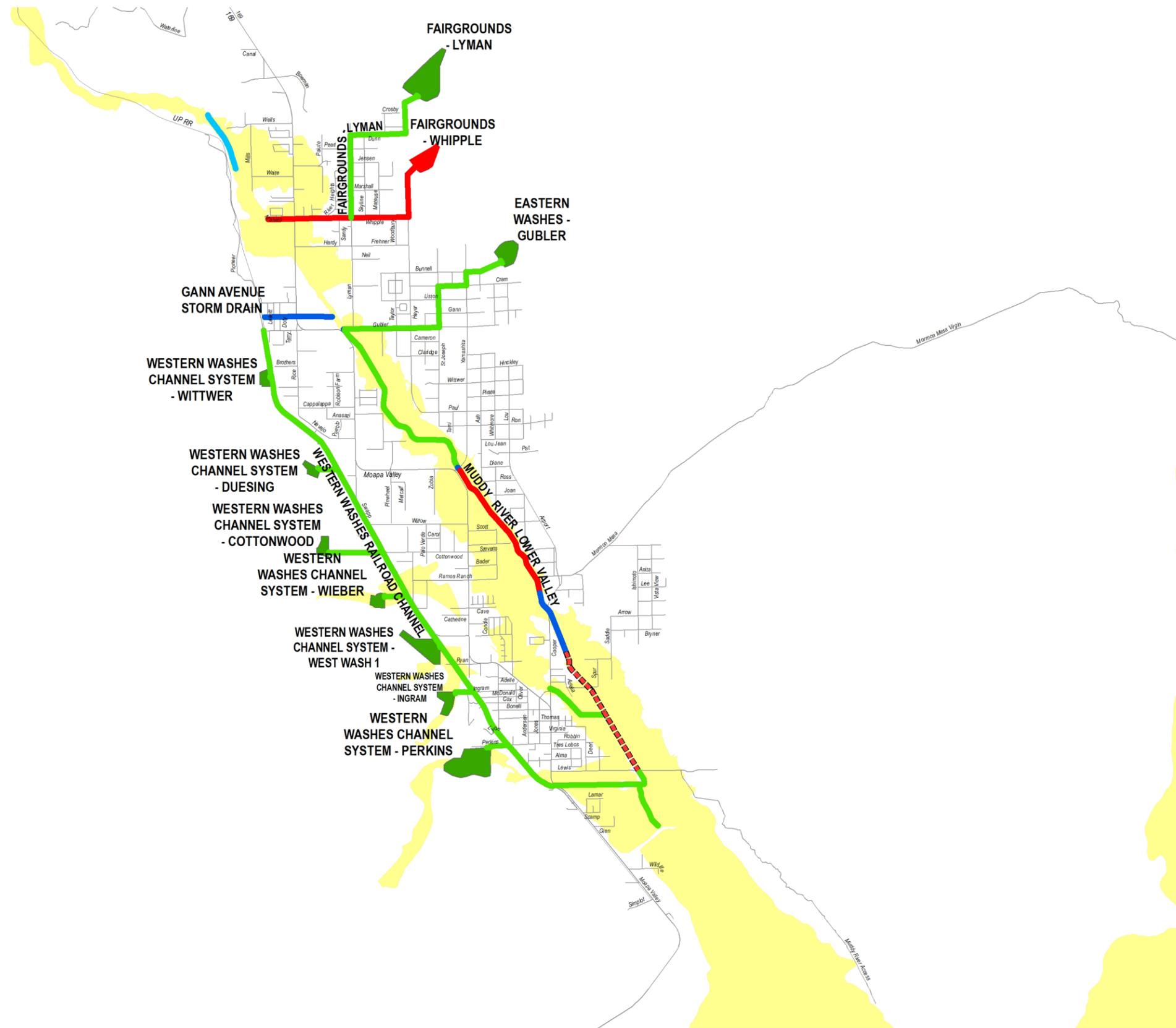
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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 300, LAS VEGAS, NEVADA 89106-4511.

May 2017



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

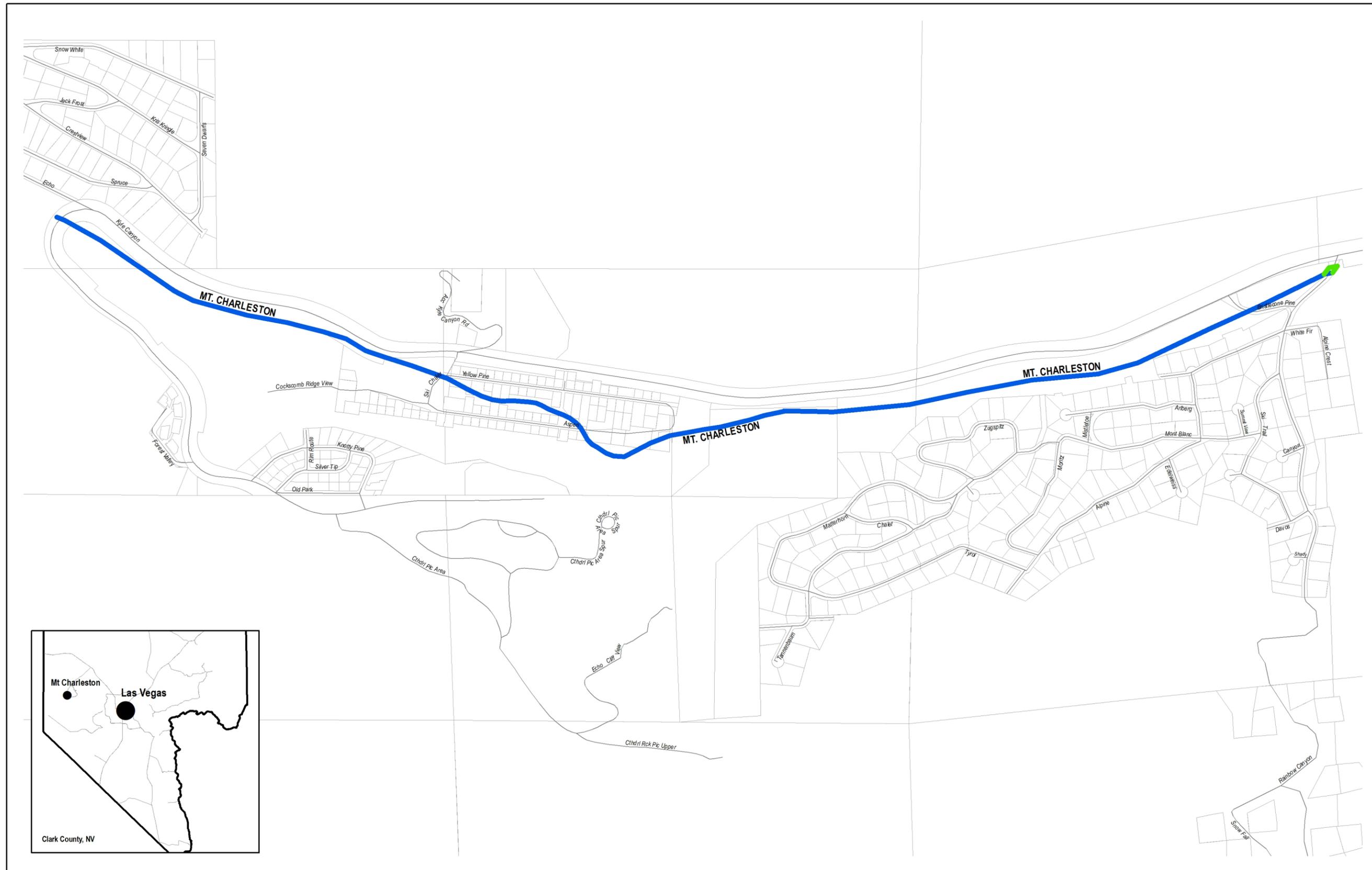
FLOOD INSURANCE (FIRM) INFORMATION:
FEMA 2002 DIGITAL FIRM. NOT THE EFFECTIVE FIRM. ALL INFORMATION IS SUBJECT TO CHANGE. NO LIABILITY IS ASSUMED FOR THE ACCURACY OF THE DATA DELINEATED HEREON. ALL INQUIRIES INTO THE STATUS OF CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT FACILITIES SHOULD BE MADE TO THE DISTRICT OFFICE AT 500 S. GRAND CENTRAL PKWY, SUITE 300, LAS VEGAS, NEVADA 89106-4511.

May 2017



Clark County, Nevada

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



Legend

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



1 inch = 0.11 miles

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

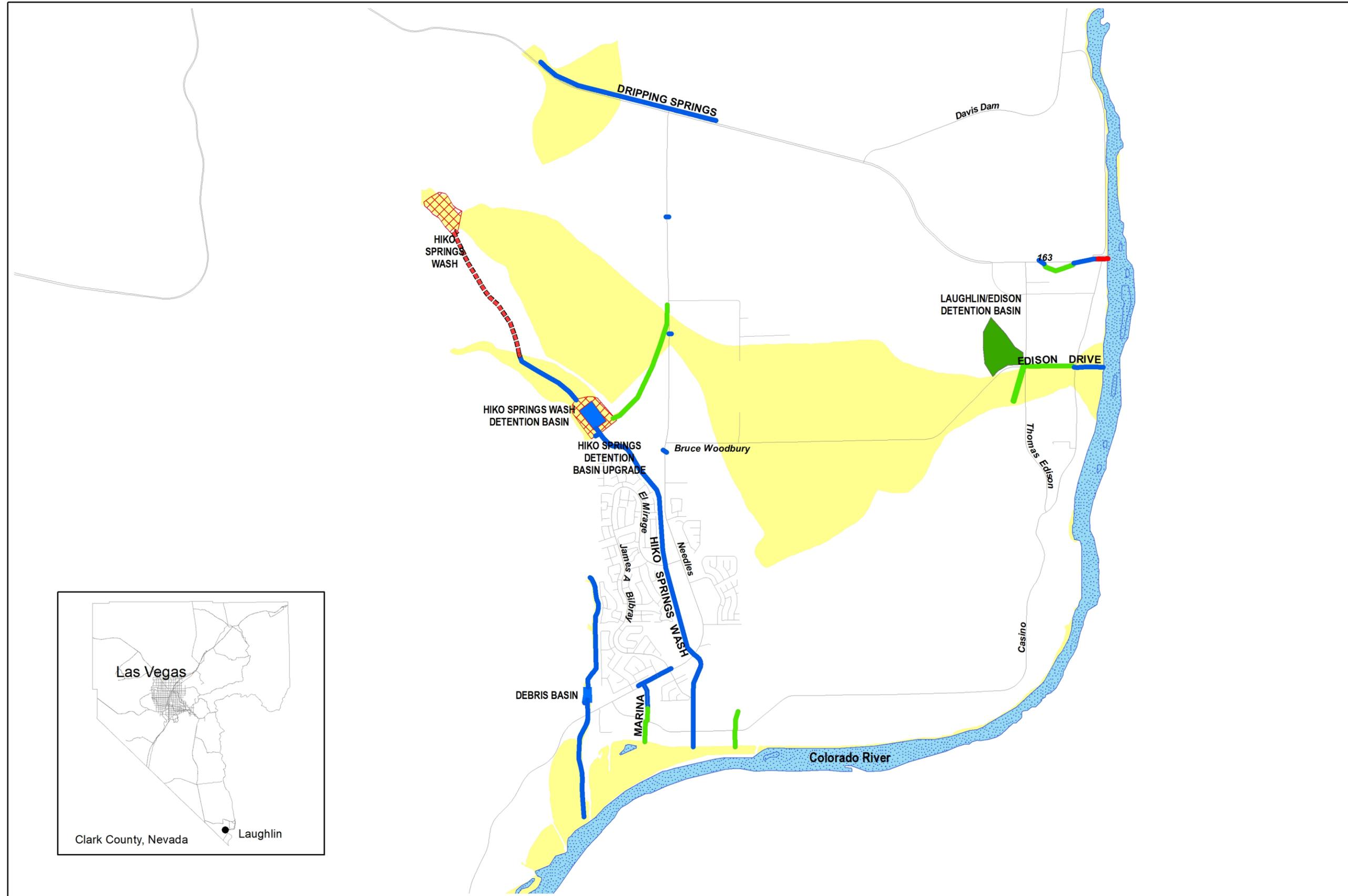
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

May 2017



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.

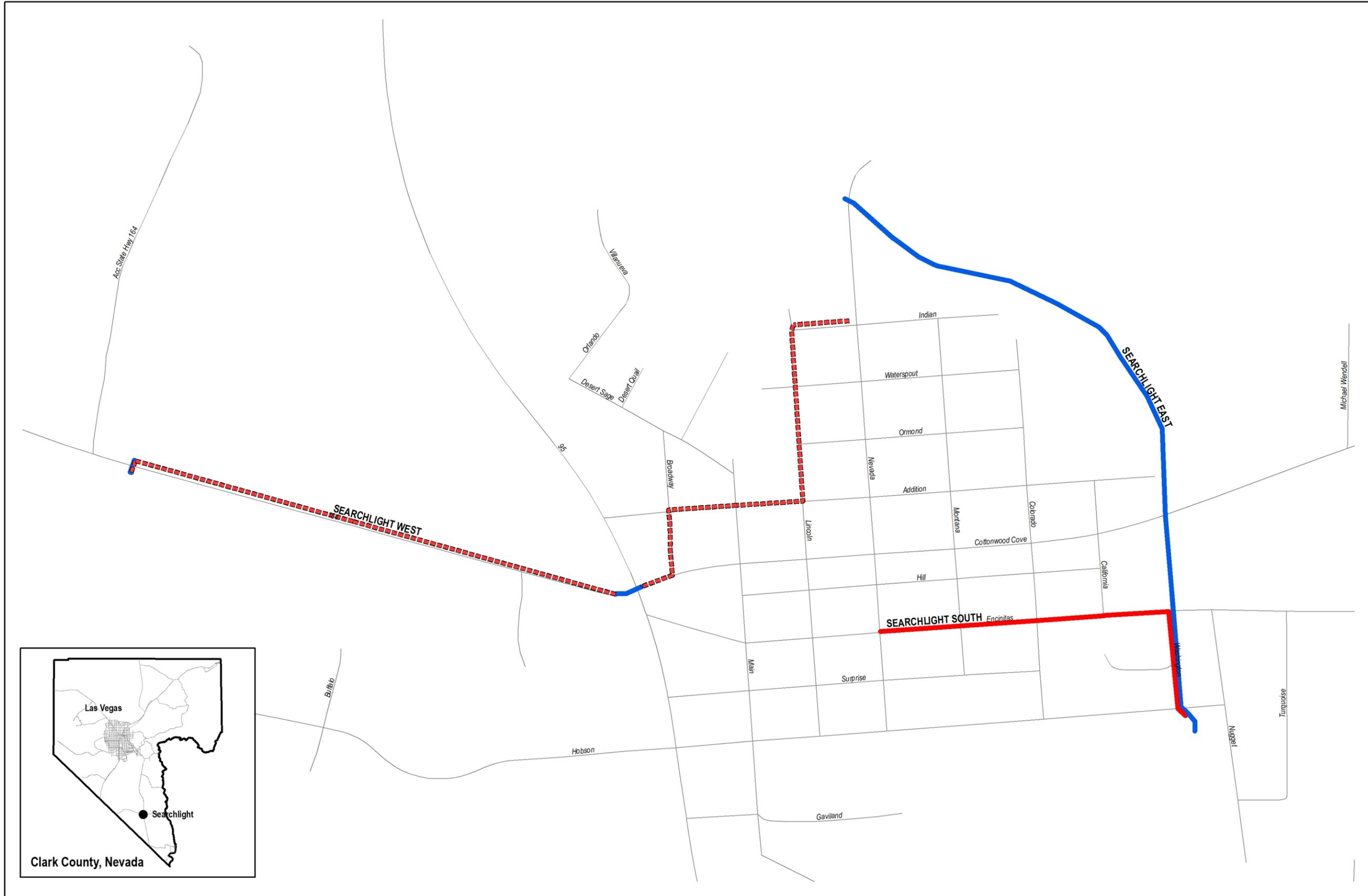
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

May 2017



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.

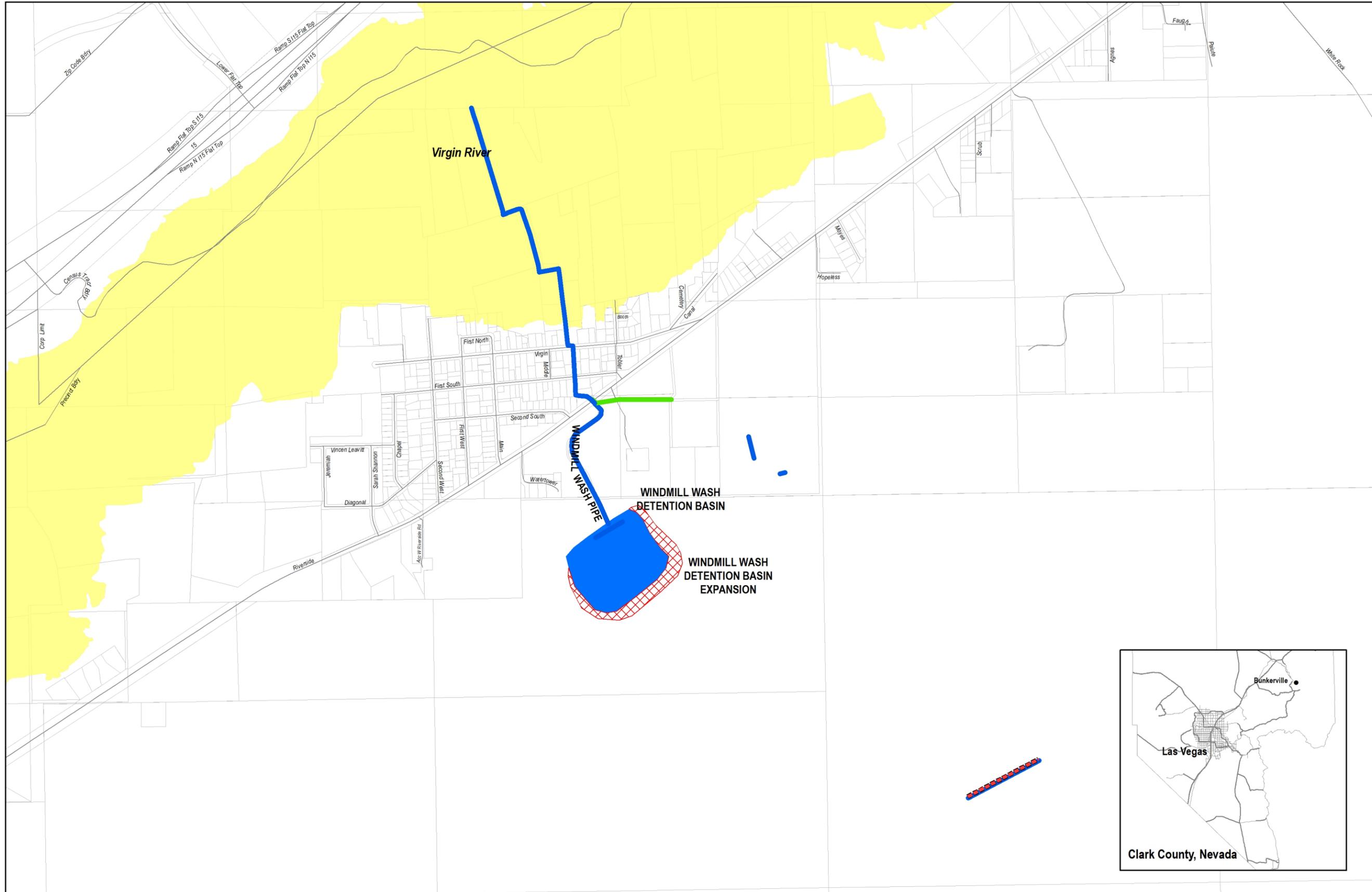
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

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

May 2017



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.

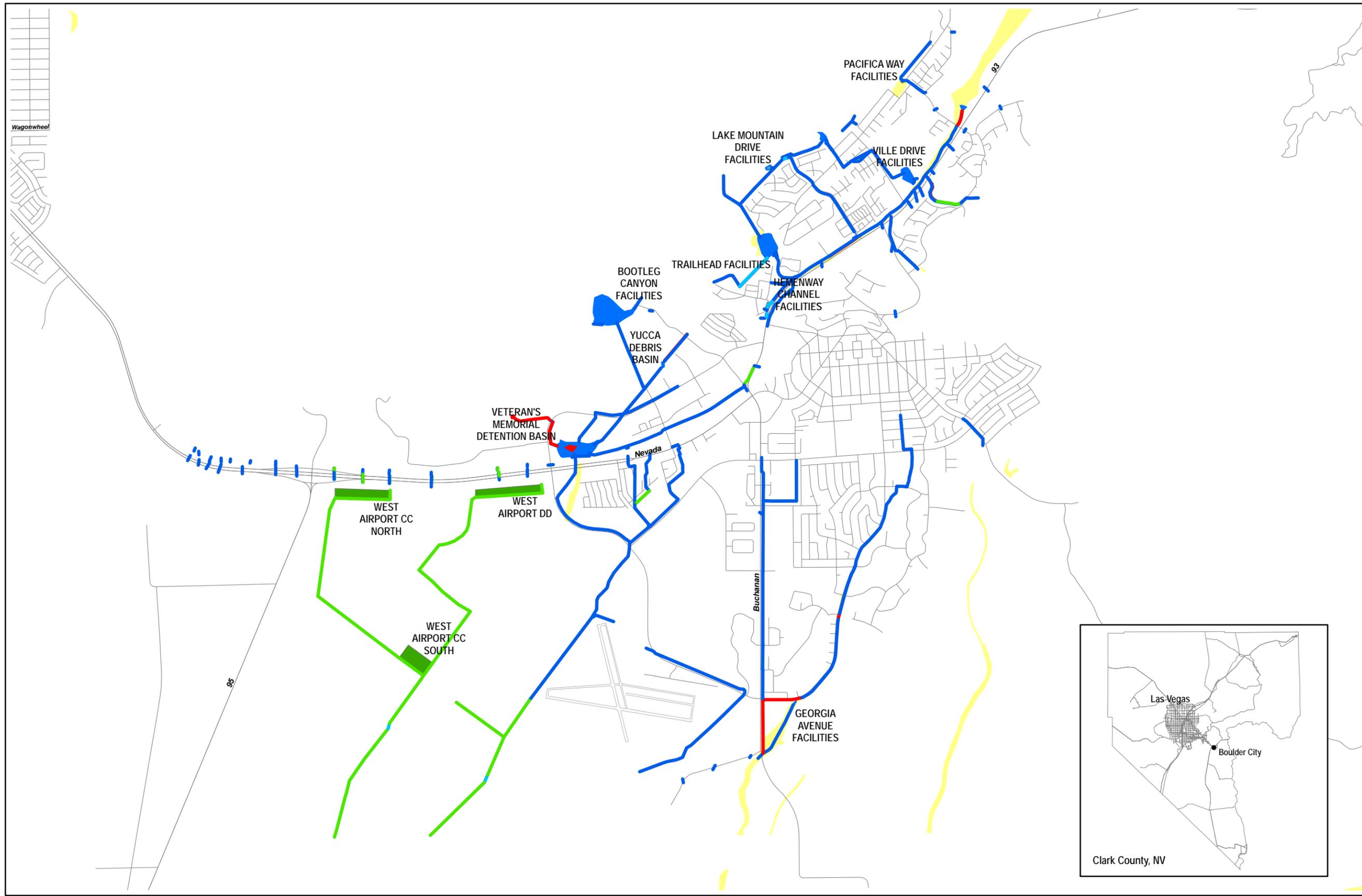
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GIS/MO
FEMA

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

May 2017



TEN-YEAR CONSTRUCTION PROGRAM BOULDER CITY PLANNING AREA



LEGEND

Conveyances

STATUS

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

Detention Basins

STATUS

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

100 Year Flood Zones

- 100-Year Flood Zone



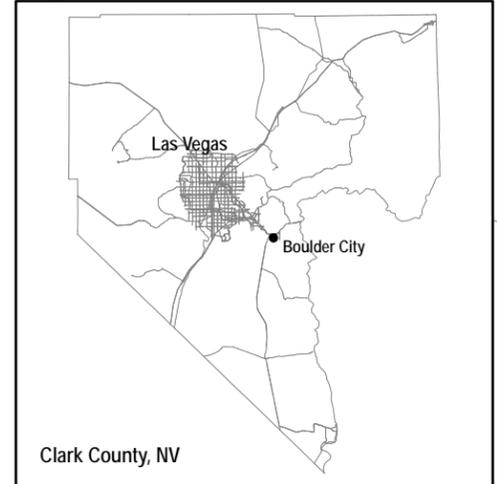
1 inch = 0.6 miles

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

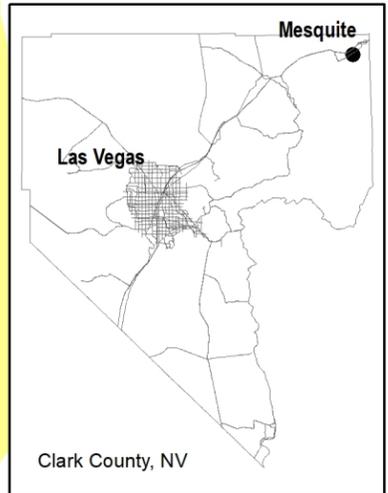
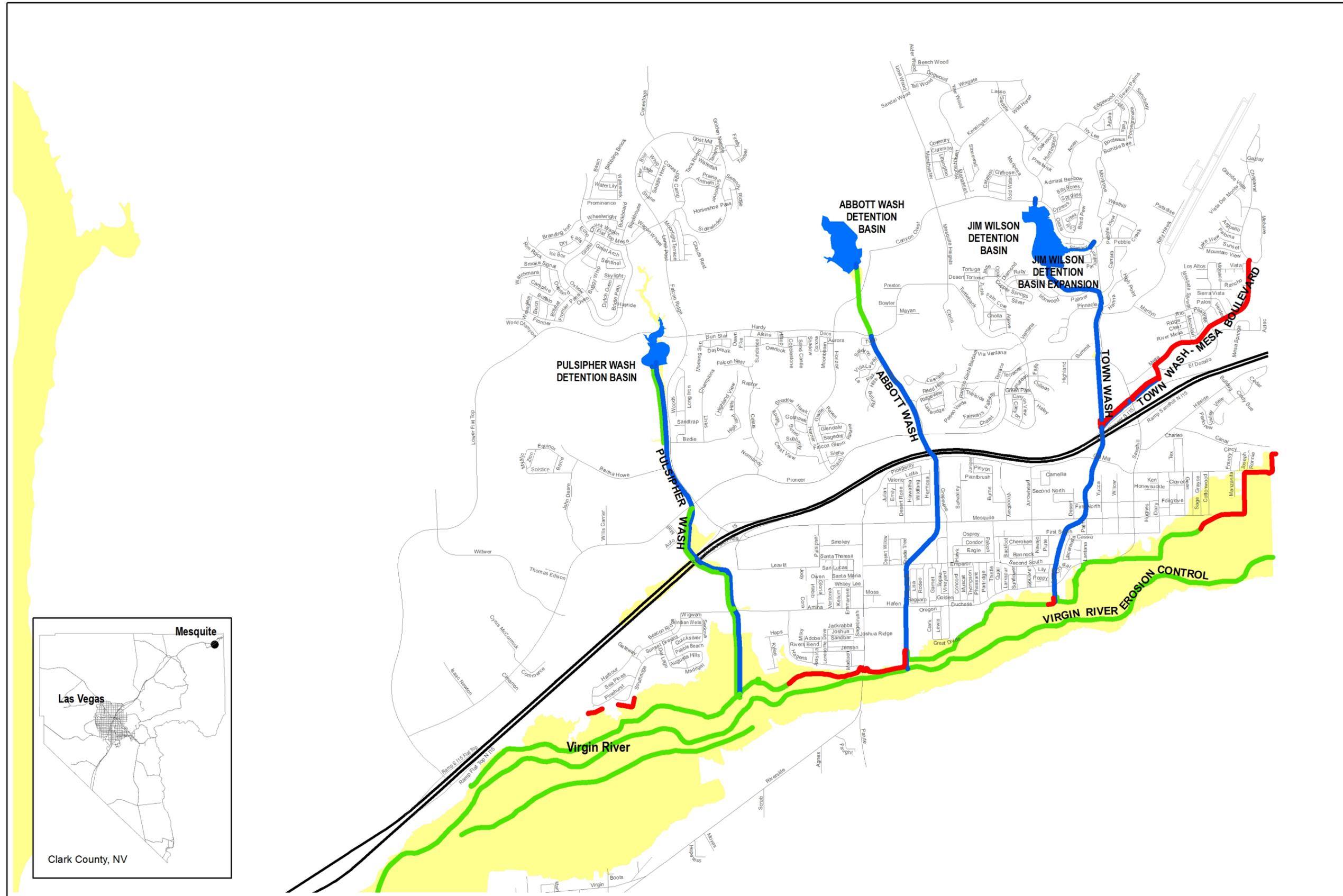
DATA SOURCES:
CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
CLARK COUNTY GISMO
FEMA

FLOOD INSURANCE FIRM INFORMATION:
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May 2017



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

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N

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:
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May 2017

