



**CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
TEN-YEAR CONSTRUCTION PROGRAM**

FISCAL YEAR 2001-2002

THROUGH

FISCAL YEAR 2010-2011

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

ADOPTED JUNE 14, 2001

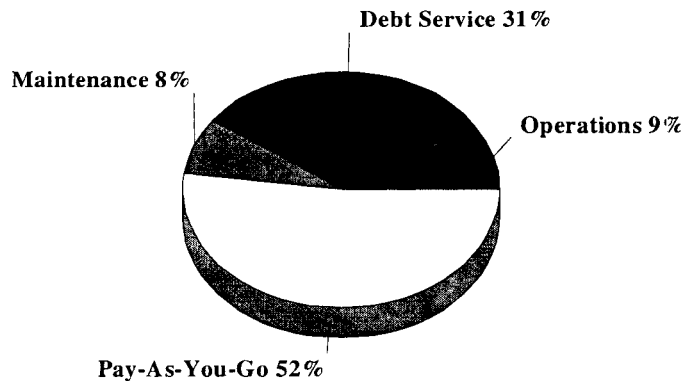


REGIONAL FLOOD CONTROL DISTRICT

Capital Improvement Program

The District staff maintains a listing of projects proposed for funding in the next ten year period. The 10-Year Construction Program is updated annually and is approved by the Board after review by the Technical and Citizens Advisory Committees. In addition to the 10-Year Construction Program, 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 10-Year Construction Program presented in this document were approved on June 14, 2001, for Fiscal Year 2001-02. Board approval of the 10-Year Construction Program and the fiscal year project list does not authorize funding of any project and does not commit the District to expend any funds.

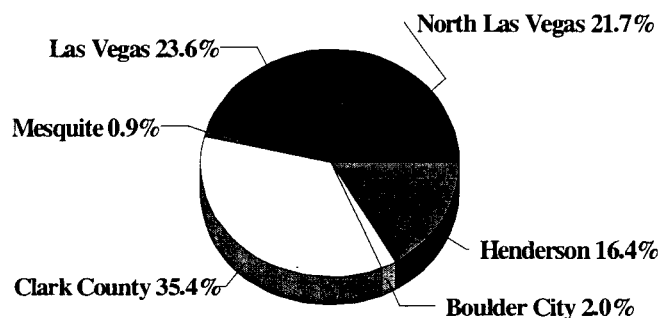
Typical Annual Expenditures



The 10-Year Construction Program consumes all revenues that the District receives that are not allocated to operations (Fund 286), debt service (Fund 330), or the Maintenance Work Program (Fund 287). Projects in the first year of the 10-Year Construction Program are dependent on revenues being received as projected, in order to receive design or construction funding. There is no guarantee that the project will be funded in the year that it is scheduled to receive funding. The 10-Year Construction Program is an estimate of when funding will be available. A project may be delayed to future years based on actual receipt of revenues resulting in adjustments to the entire 10-Year Construction Program.

Prorated Share of Funding

Based on Master Plan



REGIONAL FLOOD CONTROL DISTRICT

The construction program revenues are derived from the 1/4% Sales Tax and interest revenues commonly known as the Pay-As-You-Go program. Revenues for the 10-Year Construction Program are estimated to be \$511,810,734. Except for Year 1, Sales Tax growth is based on the District's *Financial Funding Model*, prepared by Hobbs, Ong & Associates and Public Financial Management, Inc. dated January 26, 1999. Sales Tax growth for Year 1 was estimated at 4%. The amount available for the Capital Improvement Program does not include the District operating budget, bond debt service, and operation and maintenance of flood control facilities. A pie chart representing the expenditures for a typical fiscal year is depicted on the previous page.

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 performed. The most recent are the Master Plan Update for the Town of Laughlin adopted by the Board on March 11, 1999, and the Master Plan Updates of the Outlying Areas of Clark County adopted by the Board on April 8, 1999. The costs of funded projects were derived from the financial reports at the date of adoption of each Master Plan Update. Exhibit A, included in the backup, shows the costs of flood control facilities by hydrographic area and the entity to which the area is assigned. The pie chart shown on the previous page indicates 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 for flood control projects that met the District's criteria for construction funding. The Entity Advance Funding process allows an entity (City or County) to front construction funding for a project ahead of the scheduled date that the District would have funds available, thereby allowing the entity to advertise and award a construction contract for the project. 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 Entity Advance Funding process has a \$40 million cap and a maximum five year reimbursement date (adjusted on a monthly basis at the Board meeting) to keep future revenues and obligations in a manageable time frame.

Since May 1987, the date the first 1/4% Sales Tax Revenues were received, through the end of March 2001, and projected through the end of June 2001, the District has funded projects totaling approximately \$580,875,950 (see Exhibit D). This amount includes the \$80,000,000 and \$150,000,000 in General Obligation Bonds, secured by Sales Tax Revenue, which were sold in November 1991 and September 1998 respectively.

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Project Prioritization

Annually, during review and development of the 10-Year Program, 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 10-Year Construction Program. The criteria used in the evaluation of projects as prescribed in the District Policies and Procedures Section II.B.3 is presented below:

- 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.

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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.

REGIONAL FLOOD CONTROL DISTRICT

10-Year Construction Program

The proposed 10-Year Construction Program which totals \$506,356,166 is presented as Exhibit C. The estimated cost of facilities presented in the Master Plans for all of Clark County is \$1,329,167,557. Therefore, this 10-Year Construction Program constitutes approximately 38% or just over one third of total Master Plan facility costs. The location of 10-Year Construction Program projects 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 Areas." Henderson projects completed or funded for construction since 1987 include:

Black Mountain (Southwest C-1) Detention Basin

Located at the base of Black Mountain

Bridges over Pittman Wash

At Warm Springs Road, Stephanie Street and Green Valley Parkway

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

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

Pioneer Detention Basin/Outfall, Phase 1

From Warm Springs Road to Sunset

Pittman Park Detention Basin

A joint use facility

Pittman Wash

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

REGIONAL FLOOD CONTROL DISTRICT

South Pittman Detention Basin

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

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 \$78,116,708. The projects proposed on the 10-Year Construction Program in order of Priority Value (PV) include the following:

Pioneer Detention Basin, Collection System, and Outfall (PV=92.5)

PTVW - 0000 through 0018 - This facility was the subject of a Master Plan Change approved by the Board on March 12, 1998. This flood control facility is now generally located just downstream of the Union Pacific Railroad, BMI spur at I-515. Funds for design are programmed in FY 03-04. Construction is programmed in FY 05-06 and in FY 06-07. The 10-Year Construction Program includes approximately \$6.25 million for this project.

Pittman Pecos West Conveyance (PV=87.5)

PTPW - 0000 through 0062 - This channel is the lower reach of the outfall from the South Pittman Detention Basin. This reach extends from Lake Mead Drive to the confluence with Pittman Eastern Channel (PTEA) north of Lake Mead Drive. Design is currently underway. Construction is programmed in FY 05-06. The 10-Year Construction Program includes approximately \$0.97 million for this project.

Eastern Avenue Tributary (PV=84.0)

PTEA - 0000 - This channel extends from Lake Mead Drive to the Beltway. Design is currently underway. Construction is programmed in FY 05-06. The 10-Year Construction Program includes approximately \$2.84 million for this project.

Railroad East Detention Basin and Conveyance System (PV=84.0)

PTRE - 0000 through 0070 - This detention basin is located on a tributary to the Pittman Wash, south of the UPRR. Right-of-way acquisition is programmed in FY 03-04 and in FY 04-05. Construction is programmed in FY 04-05. The 10-Year Construction Program includes approximately \$12.33 million for this project.

Pittman Wash Lower Reach (PV=84.0)

PTDC - 0000 through 0014 - This is the reach of the Pittman Channel extending from Boulder Highway to I-515 near Stephanie Street (formerly Stephanie Channel Lower Reach). Design is currently underway. This is a Board prioritized project and District construction funding is programmed in FY 02-03. The 10-Year Construction Program includes approximately \$3.7 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

C-1 Channel Upper Reach (PV=83.0)

C1CH - 0579 through 0635 - This reach extends from the UPRR to the NDOT Detention Basins. This is a Board prioritized project and District construction funding is programmed in FY 03-04. The 10-Year Construction Program includes approximately \$4.18 million for this project.

Pittman Wash Railroad Channel (PV=81.5)

PTRR - 0000 through 0035 - This channel intercepts flow along the UPRR east of I-515 and south of the I-215 Interchange. Design is currently underway. Construction is programmed in FY 05-06. The 10-Year Construction Program includes approximately \$3.31 million for this project.

Southwest Pittman Detention Basin and Outfall (PV=80.5)

PTWA-0983 through 0990 - The Southwest Pittman Detention Basin controls runoff from the western most portion of the Pittman Wash Watershed. Design is programmed in FY 01-02 and in FY 02-03. Construction is programmed in FY 06-07 through FY 09-10. The 10-Year Construction Program includes approximately \$15.17 million for this project.

Gibson Conveyance System (PV=80.0)

PTGB - 0057 through 0208 - This channel parallels Gibson Road from Warm Springs Drive to Sunset then turns northeast to Boulder Highway. Design is programmed in FY 02-03. Construction is programmed in FY 06-07. The 10-Year Construction Program includes approximately \$4.47 million for this project.

Boulder Highway Channel (PV=78.5)

C1BH - 0000 - This channel extends along the south side of Boulder Highway from Magic Way to the C-1 Channel. Design is currently underway. Construction is programmed in FY 05-06. The 10-Year Construction Program includes approximately \$2 million for this project.

Northeast C-1 Detention Basin and Levee (PV=78.0)

C1IT - 0199 through 0246 - This project is generally located at the base of the River Mountains. This basin will control runoff from the northeast area of the C-1 Channel System and outlet to the C-1 Channel. Design is programmed in FY 03-04. Construction is programmed in FY 07-08 and in FY 08-09. The 10-Year Construction Program includes approximately \$7.4 million for this project.

Northeast C-1 Detention Basin Outfall (PV=77.5)

C1IT - 0000 through 0127 - The outfall will convey flow from the detention basin to the C-1 Channel. Design is programmed in FY 03-04. Construction is programmed in FY 07-08. The 10-Year Construction Program includes approximately \$4.55 million for this project.

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Drake Channel (PV=73.0)

C1DC - 0000 through 0123 - This channel is a tributary to the C-1 Channel along the Drake Street alignment. Design is programmed in FY 03-04. Construction is programmed in FY 07-08. The 10-Year Construction Program includes approximately \$1.1 million for this project.

Equestrian Detention Basin Outfall (PV=66.0)

C1EQ - 0000 through 0180 - This is the outfall from the Equestrian Detention Basin which outlets to the C-1 Channel. Design is programmed in FY 02-03 and in FY 03-04. Construction is programmed in FY 07-08 and in FY 08-09. The 10-Year Construction Program includes approximately \$4.7 million for this project.

Pittman - McDonald Ranch Channel (PV=47.0)

PTMR - 0132 - This reach of channel connects privately constructed channel through the McDonald Ranch development area. Design is programmed in FY 08-09. Construction is programmed in FY 09-10. The 10-Year Construction Program includes approximately \$3.7 million for this project.

C-1 Channel Lower Reach (PV=37.5)

C1CH - 0000 through 0142 - This reach of the C-1 Channel extends from its confluence with the Las Vegas Wash up to Lake Mead Boulevard. Design is programmed in FY 08-09. Construction is programmed in FY 09-10. The 10-Year Construction Program includes approximately \$4.6 million for this project.

Pittman Pabco Channel (PV=28.5)

PTPA - 0000 - This reach of channel extends from Boulder Highway north to the Las Vegas Wash along Pabco Road. Design is programmed in FY 09-10. Construction is programmed in FY 10-11. The 10-Year Construction Program includes approximately \$3.6 million for this project.

The funding programmed for the C-1 Channel and Pittman Wash Planning Areas in Henderson totals approximately \$85.0 million on the 10-Year Construction Program.

REGIONAL FLOOD CONTROL DISTRICT

LAS VEGAS

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 and Central Basin Planning Areas". City of Las Vegas projects completed or funded for construction since 1987 include:

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

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

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

Durango Drive Storm Drain

Between Charleston Boulevard and Angel Park Detention Basin

Gowan Detention Basins

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 North - Buffalo Branch

REGIONAL FLOOD CONTROL DISTRICT

Gowan North Channel - Phases I & II

Northern Gowan Detention Basin to Durango including the Durango Branch

Gowan North, Buffalo Branch (Gowan Road and Buckskin Avenue)

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

I-15 Freeway Channel

Portion constructed as part of NDOT's I-15/Sahara Avenue Interchange project in 1995. The Freeway Channel System, Alta Drive to Sahara Avenue and Bypass Facilities commenced construction in April 2000 and is expected to be completed in the summer of 2002.

Lone Mountain Detention Basin

Right-of-way acquisition, Environmental Mitigation, and Construction Engineering

Meadows Detention Basin and Collection System

Oakey Boulevard Detention Basin and Outfall

Rampart Storm Drain

Project in conjunction with the Regional Transportation Commission (RTC)

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)

(Under Construction)

District funding since 1987 for the projects plus design efforts on future projects totals approximately \$187,454,020.

REGIONAL FLOOD CONTROL DISTRICT

The projects proposed on the 10-Year Construction Program in order of Priority Value (PV) include the following:

Las Vegas Wash - Rancho Drive System (PV=103.5)

LVRA - 0025 through 0081; LVLM - 0222; LVSR - 0207; and LVPK - 0000 - This system intercepts flow along the west side of Rancho Drive in the vicinity of the North Las Vegas Air Terminal for discharge into the Carey/Lake Mead Detention Basin. This is an Entity Advance Funding project and District construction funding is programmed in FY 01-02. The 10-Year Construction Program includes approximately \$10.04 million for this project.

Owens Avenue System - Rancho Drive to I-15 (PV=103.0)

LVOW - 0000 through 0146 - This project is located west of I-15 and is comprised of a storm drain in Owens Avenue between I-15 and Rancho Drive. It is anticipated that this project will be built as part of a street improvement project with RTC, thereby limiting District funding to the over sizing of the storm drain. This is a Board prioritized project and District construction funding is programmed in FY 02-03. The 10-Year Construction Program includes approximately \$4.65 million for this project.

Gowan North Channel - Alexander Road to Lone Mountain Road (PV=99.5)

GONO - 0009 through 0205 - This project originates at the Gowan Detention Basin and extends northwest of the basin. The project will collect flow from an area that otherwise may bypass the basins; thereby improving the effectiveness of the Gowan Detention Basin project. Construction from Buffalo Drive to Durango Drive at Alexander Road is complete. Design from Durango Drive at Alexander Road to Lone Mountain Road is complete. This is a Board prioritized project and District construction funding is programmed in FY 04-05. The 10-Year Construction Program includes approximately \$5.8 million for this project.

Meadows Detention Basin and Outfall (PV=99.0)

LCME - 0000 through 0019 - This project was the subject of a Master Plan Amendment dated April 8, 1999. These funds will be used for basin expansion and outlet modifications. Construction is programmed for FY 07-08. The 10-Year Construction Program includes approximately \$3.53 million for this project.

Oakey-Meadows Storm Drain System (PV=98.0)

MEOK - 0000 through 0132 - A collection system for the Meadows Detention Basin extending from Alta Drive at Valley View Boulevard to Oakey Boulevard at Decatur Boulevard. Design is programmed in FY 08-09 and in FY 10-11. Construction is programmed in FY 08-09 through FY 10-11. The 10-Year Construction Program includes approximately \$6.62 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Gowan Outfall - Lone Mountain Branch (PV=97.5)

GOLO - 0000 through 0331 - This storm drain is tributary to the Gowan Outfall at Clayton Street. Construction of an initial phase has been completed. Design of subsequent phases appears in FY 07-08 and in FY 09-10, and construction is programmed in FY 08-09 and in FY 10-11. The 10-Year Construction Program includes approximately \$10.6 million for this project.

Gowan North Channel-Lone Mountain Road to CAM-10 Detention Basin (PV=97.0)

GONO - 0234 through 0566 - This completes the Gowan North main line. Design is programmed in FY 07-08 and in FY 09-10. Construction is programmed in FY 08-09 and in FY 09-10. The 10-Year Construction Program includes approximately \$11.97 million for this project.

Gowan North - El Capitan Branch (PV=94.5)

GOEC - 0000 through 0176 - This storm drain conveys runoff south in El Capitan to Lone Mountain and discharges to the Gowan North Channel. Design is programmed in FY 09-10. Construction is programmed in FY 10-11. The 10-Year Construction Program includes approximately \$4.17 million for this project.

Lone Mountain System - Lone Mountain Detention Basin Outfall to Durango Dr. (PV=94.0)

GOLM - 0000 - 0101 - This is the outfall from the Lone Mountain Detention Basin. Construction is programmed in FY 07-08. The 10-Year Construction Program includes approximately \$1.58 million for this project.

Las Vegas Wash - Smoke Ranch System (PV=92.0)

LVSR - 0552 - This is a section of storm drain beneath Peak Drive extending from Torrey Pines Drive to Jones Boulevard. This is an Entity Advance Funding project and District construction funding is programmed in FY 01-02. The 10-Year Construction Program includes approximately \$2.28 million for this project.

CAM-10 Detention Basin (PV=87.5)

GONO - 0589 - The CAM-10 Detention Basin collects and controls flows at the base of the Spring Mountains, the farthest west end of the Gowan North System. Design is currently underway. Construction is programmed in FY 09-10. The 10-Year Construction Program includes approximately \$3.5 million for this project.

Las Vegas Creek Channel Parallel System (PV=87.0)

LCCP - 0000 through 0286 - This system increases capacity along I-95 from Rancho Drive to Rainbow Boulevard with a parallel system. Construction is programmed in FY 05-06 and in FY 10-11. The 10-Year Construction Program includes approximately \$2.25 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Freeway Channel - Charleston Lateral (PV=83.0)

FWCH - 0020 - This project collects flows along west Charleston Boulevard adjacent to University Medical Center (before the flows enter the Charleston Underpass) and directs the floodwater into the Freeway Channel System. Construction is programmed in FY 10-11. The 10-Year Construction Program includes approximately \$2.07 million for this project.

The funding programmed for the Central Basin and Gowan Planning Areas in Las Vegas totals approximately \$69.15 million on the 10-Year Construction Program.

REGIONAL FLOOD CONTROL DISTRICT

NORTH LAS VEGAS

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 "Northern Las Vegas, Range, and Lower Las Vegas Wash Planning Areas". Projects completed or funded for construction since 1987 include:

Camino Al Norte Crossing

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

Confluence Detention Basin

Clark County is the Lead Agency

Kyle Canyon Detention Basin

Las Vegas Wash Improvements and King Charles Diversion Project

From I-15 to Craig Road

Lower Las Vegas Wash Detention Basin

Rancho Road System - Centennial Parkway to Rancho Road Detention Basin

Las Vegas is the Lead Agency

Sloan Channel - Stewart Avenue to Charleston Boulevard

Clark County is the Lead Agency

Upper Las Vegas Wash Detention Basin and Diversion Dike

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

Vandenberg Detention Basin

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

REGIONAL FLOOD CONTROL DISTRICT

District funds since 1987 for the projects plus design efforts on future projects total approximately \$105,110,784. Projects proposed on the 10-Year Construction Program in order of Priority Value (PV) include the following:

Las Vegas Wash Main Branch, Cheyenne Avenue to Lake Mead Boulevard (PV=97.5)

LVMD - 1421 through 1594 - This channel reach extends from Cheyenne Avenue to Lake Mead Boulevard. Design and construction are phased. Design is programmed in FY 02-03. Construction is programmed in FY 03-04, in FY 05-06, in FY 07-08, and in FY 08-09. The 10-Year Construction Program includes approximately \$11.98 million for this project.

Las Vegas Wash Main Branch, Alexander Road to Cheyenne Avenue and Cheyenne Detention Basin (PV=95.0)

LVMD - 1595 through 1680 - This channel reach extends from Cheyenne Avenue to Alexander Road including the Cheyenne Detention Basin added to the Master Plan by amendment dated February 11, 1999. This is a Board prioritized project and District construction funding is programmed in FY 03-04 and in FY 04-05. The 10-Year Construction Program includes approximately \$17.66 million for this project.

Tributary to the Western Tributary at Craig Road (PV=94.5)

LV06 - 0000 through 0138 - This channel conveys flow from south of and parallel to Craig Road from Alexander Road and Martin Luther King Boulevard to its confluence with the Western Tributary to the Las Vegas Wash. This is a Board prioritized project and District construction funding is programmed in FY 01-02. The 10-Year Construction Program includes approximately \$4.79 million for this project.

Las Vegas Wash - Losee Road (PV=94.5)

LVLO - 0000 - This storm drain collects flow in Losee Road and conveys it beneath Craig Road to the Las Vegas Wash. Construction is programmed in FY 03-04. The 10-Year Construction Program includes approximately \$1.19 million for this project.

Ann Road System, Rancho Drive to Allen Lane (PV=94.0)

ANWE - 0000 through 0361 - This system provides the outfall for the Rancho Drive Detention Basin and extends from Rancho Drive to Allen Lane at the confluence with the Western Tributary to the Las Vegas Wash. It is anticipated that this project will be built as part of a street improvement project with RTC, thereby limiting District funding. This is an Entity Advance Funding project and District construction funding is programmed in FY 03-04. The 10-Year Construction Program includes approximately \$9.45 million for this project.

Sloan Channel (PV=93.0)

RWSL - 0000 through 0135 - This is the final reach of the channel from Charleston Boulevard to the Las Vegas Wash. Construction is programmed in FY 02-03, in FY 03-04, and in FY 05-06. The 10-Year Construction Program includes approximately \$4.26 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Simmons Street Channel (PV=92.5)

LVSM - 0000 through 0168 - This is a channel within the Simmons Street alignment which discharges from the north to the Western Tributary to the Las Vegas Wash. This channel was added by amendment to the Master Plan dated August 13, 1998. Construction is programmed in FY 02-03 and in FY 05-06. The 10-Year Construction Program includes approximately \$4.7 million for this project.

Tributary to the Western Tributary at Alexander Road (PV=92.0)

LV05 - 0000 through 0131 - This is a channel improvement project to the Tributary to the Western Tributary. Construction is programmed in FY 05-06. The 10-Year Construction Program includes approximately \$3.59 million for this project.

Upper Las Vegas Wash, Craig Road to Elkhorn Road (PV=91.5)

LVUP - 0000 through 0210 - This channel provides the outfall from the North Las Vegas Detention Basin. It constitutes the main branch of the Las Vegas Wash from the Beltway (Elkhorn Road) to Craig Road. Construction is programmed in FY 04-05 through FY 06-07. The 10-Year Construction Program includes approximately \$10.65 million for this project.

Centennial Parkway Channel East (PV=90.5)

CNEA - 0000 through 0117 - This project intercepts flow along Centennial Parkway and conveys it to the Las Vegas Wash. Construction is programmed in FY 05-06 and in FY 06-07. The 10-Year Construction Program includes approximately \$3.83 million for this project.

Orchard Detention Basin (PV=88.5)

SLOR - 0085 through 0170 - This is one of the Sunrise Mountain Detention Basins. It will help address chronic flooding within Clark County in this vicinity. Construction is programmed in FY 06-07. The 10-Year Construction Program includes approximately \$3.37 million.

Owens Detention Basin and Outfall (PV=86.0)

SLWA - 0000 through 0153 - This is one of the Sunrise Mountain Detention Basins located at the east end of Owens Boulevard. It outlets to the Sloan Channel via a storm drain in Washington Avenue. Design is programmed in FY 03-04. Construction is programmed in FY 06-07 and in FY 07-08. The 10-Year Construction Program includes approximately \$3.9 million for this project.

Tropical Parkway Channel East (PV=84.5)

TREA - 0000 - This storm drain directs flow in Tropical Parkway east to the Upper Las Vegas Wash. Design is programmed in FY 02-03. Construction is programmed in FY 07-08. The 10-Year Construction Program includes approximately \$3.1 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas Wash - Decatur Boulevard (PV=82.0)

LVMD - 2322 through 2324 and LVDE - 0000 - This is a channel improvement project that conveys flow from the north along Decatur Boulevard to the Western Tributary at the Northern Beltway. Design is programmed in FY 05-06. Construction is programmed in FY 07-08 and in FY 08-09. The 10-Year Construction Program includes approximately \$5.8 million for this project.

Rancho Detention Basin, Phase II (PV=80.0)

RCHO - 0061 - The Rancho Detention Basin is located at US-95 and Ann Road, reducing flows to the Ann Road Storm Drain. This phase elevates the embankment and adds an emergency spillway. Design is programmed in FY 08-09. Construction is programmed in FY 10-11. The 10-Year Construction Program includes approximately \$1.61 million for this project.

Upper Washington System (PV=79.5)

SLWA - 0158; SLOW; and SLER - These features are collection systems for the Owens Detention Basin and Outfall. Design is programmed in FY 04-05. Construction is programmed in FY 07-08 and in FY 09-10. The 10-Year Construction Program includes approximately \$2.48 million for this project.

Sloan East Branch and West Range (Vandenberg Detention Basin to Las Vegas Boulevard) (PV=79.0)

SLEB - 0000 through 0046; and RWWE - 0000 through 0168 - These channels provide the outfall for the Vandenberg Detention Basin (RWWE) and a tributary east of the outfall (SLEB). Design is programmed in FY 08-09. Construction is programmed in FY 09-10 and in FY 10-11. The 10-Year Construction Program includes approximately \$3.69 million for this project.

Western Tributary, Clayton Street to Lower Las Vegas Wash Detention Basin (PV=78.0)

LVMD - 2045 - This project completes the Western Tributary Channel from Camino Al Norte to Centennial Parkway. Construction is programmed in FY 08-09 through FY 09-10. The 10-Year Construction Program includes approximately \$3.25 million for this project.

West Range Wash Channel, Las Vegas Boulevard to Diversion (PV=78.0)

RWSL - 0576 through 0694 - This is the Range Wash Channel reach extending from Nellis Golf Course overflow structure up to Las Vegas Boulevard. Design is programmed in FY 07-08. Construction is programmed in FY 08-09 and in FY 09-10. The 10-Year Construction Program includes approximately \$3.69 million for this project.

Main Branch, Lake Mead Boulevard to Vegas Valley Drive (PV=77.0)

LVMD - 1032 through 1321 - This project is the construction of channel improvements along the Main Branch of the Las Vegas Wash. Design is programmed in FY 06-07. Construction is programmed in FY 10-11. The 10-Year Construction Program includes approximately \$11.71 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Range Wash, Christy Lateral (PV=76.0)

LVCH - 0000 through 0114 - This storm drain collects flow in Christy Lane starting at Bonanza Road and delivers it to the Las Vegas Wash south of Charleston Boulevard. Design is programmed in FY 06-07. Construction is programmed in FY 08-09. The 10-Year Construction Program includes approximately \$2.9 million for this project.

Alto and Lake Mead Conveyances (PV=75.5)

RWAL and RWLM - These channels provide a collection of runoff for conveyance to the Range Wash Confluence Detention Basin. Design is programmed in FY 06-07. Construction is programmed in FY 07-08 and in FY 09-10. The 10-Year Construction Program includes approximately \$6.82 million for this project.

Stewart Avenue Conveyance (PV=70.0)

SLST - 0000 through 0104 - This system collects flow from Stewart Avenue and Hollywood Boulevard and directs it to the Sloan Channel. Design is programmed in FY 07-08. Construction is programmed in FY 08-09 and in FY 09-10. The 10-Year Construction Program includes approximately \$3.0 million for this project.

Range Wash Railroad Channel (PV= 66.5)

RWRR - 0005 through 0160 - This channel discharges to the Vandenberg Detention Basin collecting flow from the northeast along the UPRR. Design is programmed in FY 07-08. Construction is programmed in FY 09-10 and in FY 10-11. The 10-Year Construction Program includes approximately \$4.9 million for this project.

The funding programmed for the Northern Las Vegas Wash, Range Wash, and Lower Las Vegas Wash Planning Areas in North Las Vegas totals approximately \$132.46 million on the 10-Year Construction Program.

REGIONAL FLOOD CONTROL DISTRICT

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 Areas”. Projects completed or funded for construction since 1987 include:

Las Vegas Valley:

Desert Inn Detention Basin Collection System and Outfall

Durango Collector

Flamingo Wash at Boulder Highway

(Under Construction)

Flamingo Wash Bridges

At Arville, Eastern, Paradise, and Palo Verde

Lakes Detention Basin, Collection and Outfall System

(Under Construction)

Lower Duck Creek Detention Basin and Outfall Channel

Rawhide Channel System

Rawhide Channel at Sagebrush Street

Tomiyasu and La Casita Crossings of Duck Creek

Tropicana and Flamingo Washes Project:

- Blue Diamond and Red Rock Channels (Beltway Sections 7A, 7B, 8, and 9)
- Blue Diamond Detention Basin
- Flamingo Diversion Channel, Phase I
(Under Construction)
- Lower Blue Diamond Channel
- Lower Red Rock Complex

REGIONAL FLOOD CONTROL DISTRICT

- **Red Rock Channel (Beltway Section 10A)**
- **Red Rock Detention Basin Expansion**
- **Red Rock Detention Basin Scour Protection and Outfall Channel**
(Under Construction)
- **Tropicana Detention Basin and Outfall Channel**

Tropicana Wash Channel
Paradise Road to Koval Lane

Upper Flamingo Detention Basin and Outfall System

Van Buskirk Channel System

Winnick Avenue Improvements
On the Flamingo Wash

Outlying Areas:

Bunkerville Detention Conveyance System (Windmill Wash)

Cooper Crossing in Moapa Valley

Hiko Springs Detention Basin (SID and District funded)

Hiko Springs Outfall Channel

Logan (Benson) Wash Improvements in Moapa Valley

Searchlight Flood Control Improvements

Unnamed Wash Improvements in Laughlin

District funding since 1987 for the projects plus design efforts of future projects total approximately \$196,189,016.

REGIONAL FLOOD CONTROL DISTRICT

The projects proposed on the 10-Year Construction Program for Clark County within the Las Vegas Valley in order of Priority Value (PV) include the following:

Corps of Engineer's (COE) Tropicana/Flamingo Project - The complete project includes the Tropicana and Blue Diamond Detention Basins; enlargement of the Red Rock and Upper Flamingo Detention Basins; four foothill debris basins; and a network of 27 miles of primary connecting channels. The 10-Year Construction Program includes approximately \$9.26 million within the first 4 years to make up the local share at 25% to match the COE funding at 75%.

Buffalo and Spring Mountain Drains; Lakes Detention Basin; and Desert Inn Drain (PV=105.0)

FLBF; FLSM; and FLDI - This system provides the Lakes Detention Basin, at Desert Inn and Durango Drive, the collection system and outfall to the Flamingo Wash. Construction is programmed in FY 03-04. The 10-Year Construction Program includes approximately \$2.2 million for this project.

Flamingo Wash - Swenson Street to Lower Flamingo Detention Basin (PV=98.5)

FLWA - 0648 through 1049 - This is the channelization of the Flamingo Wash from the Tropicana Wash confluence up to Decatur Boulevard. Design is programmed in FY 04-05. Construction is programmed in FY 04-05 and in FY 06-07 through FY 08-09. The 10-Year Construction Program includes approximately \$4.4 million for this project.

Land Acquisition: Upper Duck Creek, Central Duck Creek, Lower Blue Diamond and Bird Springs Detention Basins (PV=95.0)

DCWA - 1658, 2261, and 2668; DCBD - 0282 - This project provides early acquisition of land for the Upper and Central Duck Creek, Lower Blue Diamond, and Bird Springs Detention Basins. Land acquisition is programmed in FY 01-02, in FY 03-04, and in FY 05-06. The 10-Year Construction Program includes approximately \$2.04 million for this project.

Flamingo Wash - McLeod Drive to Maryland Parkway (PV=95.0)

FLWA - 0400 through 0593 - This project is construction of channel improvements along the Flamingo Wash. This is an Entity Advance Funding project and District construction funding is programmed in FY 01-02. Construction funding for future phases is programmed in FY 03-04 through FY 06-07. The 10-Year Construction Program includes approximately \$6.16 million for this project.

Red Rock Channel - Naples Branch (PV=93.0)

RRNA; RRNS; and RRNN - This project is a collector to the Red Rock Channel at Naples. Construction is programmed in FY 04-05 and in FY 05-06. The 10-Year Construction Program includes approximately \$5.95 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Red Rock Fort Apache Collector (PV=92.0)

RRFA - This is a collector to the Red Rock Channel at Fort Apache Road. Design is programmed in FY 03-04. Construction is programmed in FY 04-05 and in FY 05-06. The 10-Year Construction Program includes approximately \$2.93 million for this project.

Flamingo Wash and Lower Flamingo Detention Basin (PV=91.0)

FLWA - 1050 through 1376 - This project includes the Lower Flamingo Detention Basin located at Decatur Boulevard and Tropicana Avenue and the channel upstream of the detention basin to Reno Avenue. Design is programmed in FY 07-08. Construction is programmed in FY 08-09 and in FY 09-10. The 10-Year Construction Program includes approximately \$4.0 million for this project.

Duck Creek, Boulder Highway to Stephanie Street (PV=88.0)

DCWA - 0248 through 0340 - This is the channelization of a reach of Duck Creek. This is a Board prioritized project and District construction funding is programmed in FY 02-03. The 10-Year Construction Program includes approximately \$12.31 million for this project.

Las Vegas Wash - Branch 01, Reach 1 (PV=87.5)

LV01 - 0000 through 0118 - This is the system that drains along Tropicana Avenue from Boulder Highway to the Lower Las Vegas Wash. Design is programmed in FY 07-08. Construction is programmed in FY 08-09. The 10-Year Construction Program includes approximately \$4.44 million for this project.

Las Vegas Wash - Branch 01, Reach 2 (PV=87.5)

LV01 - 0150 through 0151 - This is the system that drains along Tropicana Avenue and Boulder Highway and is a continuation of the reach described above. Design is programmed in FY 07-08. Construction is programmed in FY 08-09 and in FY 09-10. The 10-Year Construction Program includes approximately \$4.5 million for this project.

Flamingo Wash, Lamb Boulevard to Boulder Highway (PV=86.5)

FLWA - 0175 through 0228 - This project is the channelization of a reach of the Flamingo Wash. Construction for an initial phase is programmed in FY 02-03. Design and construction for subsequent phases are programmed in FY 05-06 and in FY 06-07, respectively. The 10-Year Construction Program includes approximately \$5.13 million for this project.

Flamingo Wash, Las Vegas Wash to Lamb Boulevard (PV=86.5)

FLWA - 0000 through 0174 - This project is the channelization of a reach of the Flamingo Wash. Design is programmed in FY 07-08. Construction is programmed in FY 09-10. The 10-Year Construction Program includes approximately \$3.73 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Flamingo Wash, Boulder Highway to McLeod Drive (PV=86.5)

FLWA - 0255 through 0376 - This project is the channelization of a reach of the Flamingo Wash. This is an Entity Advance Funding project and District construction funding is programmed in FY 01-02. Construction for future phases is programmed in FY 03-04 and in FY 06-07. The 10-Year Construction Program includes approximately \$11.79 million for this project.

Duck Creek, Stephanie Street to Green Valley Parkway and US-95 Branch (PV=83.0)

DCWA - 0390 through 0520; and DC95 - This project is the channelization of a reach of the Duck Creek Wash. This is a Board prioritized project and District construction funding is programmed in FY 01-02. Construction for future phases is programmed in FY 03-04 and in FY 05-06 through FY 06-07. The 10-Year Construction Program includes approximately \$4.99 million for this project.

Duck Creek, Green Valley Parkway to Sunset Road (PV=83.0)

DCWA - 0597 - This project is the channelization of the Duck Creek Wash from Green Valley Parkway to Sunset Road. Design is programmed in FY 06-07. Construction is programmed in FY 07-08. The 10-Year Construction Program includes approximately \$4.69 million for this project.

Duck Creek Channel, Sunset Road to Eastern Avenue (PV=83.0)

DCWA - 0647 through 0883 - This project includes bridge replacements; channel crossings; and channelization along a reach of Duck Creek. Design is programmed in FY 04-05. Construction is programmed in FY 05-06. The 10-Year Construction Program includes approximately \$4.2 million for this project.

Duck Creek, Eastern Avenue to the Lower Detention Basin (PV=83.0)

DCWA - 0884 through 1169 - This project is the channelization of a reach of Duck Creek. Construction for this initial phase is programmed in FY 03-04. Design for a second phase is programmed in FY 06-07. Construction for the second phase is programmed in FY 08-09 and in FY 09-10. The 10-Year Construction Program includes approximately \$8.0 million for this project.

Lower Blue Diamond Detention Basin and Outfall (PV=79.0)

DCBD - 0000 through 0283 - This project is the design of a detention basin near I-15 and Blue Diamond Highway. Design is programmed in FY 03-04. Construction is programmed in FY 04-05 through FY 07-08. The 10-Year Construction Program includes approximately \$11.19 million for this project.

Las Vegas Wash - Branch 02 (Monson Channel) (PV=76.5)

LV02 - This project consists of improvements to an existing storm drain and open channel system that extends from Flamingo Road at Boulder Highway east to the Las Vegas Wash. Design is programmed in FY 05-06. Construction is programmed in FY 08-09 and in FY 09-10. The 10-Year Construction Program includes approximately \$9.25 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Duck Creek, Broadbent Boulevard to Boulder Highway (PV=72.0)

DCWA - 0168 through 0251 - This project is the channelization of a reach of Duck Creek. Construction is programmed in FY 03-04 and in FY 06-07. The 10-Year Construction Program includes approximately \$6.16 million for this project.

Upper Duck Creek Detention Basin (PV=72.0)

DCWA - 2261 - This project captures and reduces flow from the southwestern end of the valley. Design is currently underway. Construction is programmed in FY 10-11. The 10-Year Construction Program includes approximately \$8.0 million for this project.

Duck Creek, Lower Detention Basin to Las Vegas Boulevard (PV=71.5)

DCWA - 1241 through 1358 - This project is the channelization of a reach of Duck Creek. Design is programmed in FY 01-02. Construction is programmed in FY 05-06 and in FY 06-07. The 10-Year Construction Program includes approximately \$3.98 million for this project.

Duck Creek, Las Vegas Boulevard to Central Duck Creek Detention Basin (PV=71.5)

DCWA - 1362 through 1594 - This project is the channelization of a reach of Duck Creek. Design is programmed in FY 05-06. Construction is programmed in FY 06-07 and in FY 10-11. The 10-Year Construction Program includes approximately \$6.64 million for this project.

Flamingo Diversion - Jones Branch (PV=70.0)

FLJO - 0000 through 0076 - This project is designed to collect flow and direct it to the Flamingo Diversion Channel at Jones Boulevard. Construction is programmed in FY 03-04 and in FY 05-06. The 10-Year Construction Program includes approximately \$1.1 million for this project.

Blue Diamond Channel - Rainbow Branch (PV=69.0)

BDRB - This project is designed to collect flow and direct it to the Blue Diamond Channel at Rainbow Boulevard. Design is programmed in FY 05-06. Construction is programmed in FY 07-08. The 10-Year Construction Program includes approximately \$2.54 million for this project.

Duck Creek, Sunset Park (PV=64.0)

DCSP - 0000 - This project is a storm drain that is tributary to Duck Creek from the west along Pama Lane. Design and construction are programmed in FY 09-10. The 10-Year Construction Program includes approximately \$1.67 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 \$151.39 million on the 10-Year Construction Program.

REGIONAL FLOOD CONTROL DISTRICT

The projects proposed on the 10-Year Construction Program for the Outlying Areas of Clark County include the following:

Goodsprings Phase I Improvements - This project consists of a diversion dike and channel improvements for Goodsprings, Nevada. The design and partial construction has been funded previously. Construction is programmed in FY 06-07. The total amount programmed for this flood control facility is approximately \$0.97 million.

Muddy River - This project consists of channel excavation above normal high water level along the Muddy River in the Moapa Valley. Design and right-of-way acquisition are underway. Construction is programmed in FY 03-04 through FY 07-08 and in FY 09-10. The total amount programmed for this flood control facility is approximately \$21.94 million.

Indian Springs Improvements - This project includes two diversion dikes and a bridge to provide flood control to Indian Springs. Construction is programmed in FY 04-05. The total amount programmed for this flood control facility is approximately \$0.49 million.

Laughlin Bridge Canyon - This project consists of a box culvert at the Needles Highway, a sediment basin and a floodway. The design for Phase I is programmed in FY 03-04 and construction for this phase is programmed in FY 04-05. Design for Phase II is programmed in FY 07-08 and construction for this second phase is programmed in FY 08-09 and in FY 09-10. The total amount programmed for this flood control facility is approximately \$10.48 million.

Overton Wash/Railroad Channel - This project consists of a channel that runs parallel to the UPRR and intercepts the Western Washes, discharging into the Overton Wash. Design is programmed in FY 06-07 and in FY 07-08. Construction is programmed in FY 09-10 and in FY 10-11. The total amount programmed for this flood control facility is approximately \$15.35 million.

Searchlight-Eastern Portion Improvements - This project consists of storm drain that protects the eastern portion of Searchlight. Design is programmed in FY 07-08. The total amount programmed for this flood control facility is approximately \$0.6 million.

The 10-Year Construction Program for the Outlying Areas of Clark County totals approximately \$49.86 million. In all, among the Tropicana/Flamingo, Duck Creek Blue Diamond, and Outlying planning Areas, Clark County has programmed approximately \$201.25 million for flood control facilities over the next 10 years.

REGIONAL FLOOD CONTROL DISTRICT

BOULDER CITY

Projects completed or funded for construction since 1987 include:

Buchanan Boulevard Channel

Buchanan Watershed Facilities

Georgia Avenue Channel

Hemenway Wash Improvements

Ville Drive Flood Control Improvements
(Under Construction)

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

District funding since 1987 for the projects plus design efforts of future projects total approximately \$9,328,276.

The projects proposed on the 10-Year Construction Program for Boulder City in order of Priority Value (PV) include the following:

Buchanan Channel Facilities

GBBC - 0062 through 0148 - This project consists of culvert improvements along Buchanan Boulevard. Design and construction are programmed in FY 09-10. The 10-Year Construction Program includes approximately \$0.5 million for this project.

Ville Drive Facilities

HMV L - 0028 through 0064 - This project consists of improvements to the collection system for the Ville Detention Basin. This is an Entity Advance Funding project and District construction funding is programmed in FY 01-02. The 10-Year Construction Program includes approximately \$0.86 million for this project.

Industrial Road Facilities

NRIN - 0000 through 0087 - This project includes the expansion and completion of the North Railroad Detention Basin and construction of the collection levee. Design is programmed in FY 02-03, in FY 04-05, and in FY 08-09. Construction is programmed in FY 02-03 through FY 09-10. The 10-Year Construction Program includes approximately \$5.05 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Railroad Facilities

NRRR - 0000 through 0016 - This project consists of a collection channel which outlets into the North Railroad Detention Basin. Design is programmed in FY 05-06 and in FY 07-08. Construction is programmed in FY 05-06, in FY 06-07, and in FY 07-08. The 10-Year Construction Program includes approximately \$1.6 million for this project.

Trailhead Facilities

HMTH - 0033 and 0054 - This project consists of a collection levee for the Trailhead Detention Basin. Design and construction are programmed in FY 08-09. The 10-Year Construction Program includes approximately \$0.35 million for this project.

Georgia Channel Facilities

GBGR - 0000 through 0099 - This project consists of constructing roadway crossing improvements. Design and construction are programmed in FY 07-08. The 10-Year Construction Program includes approximately \$0.6 million for this project.

Lake Mountain Drive Facilities

HMLM - 0000 through 0085 - This project consists of constructing channel improvements and expanding a debris basin. Design and construction are programmed in FY 05-06. The 10-Year Construction Program includes approximately \$0.12 million for this project.

Hemenway Channel Facilities

HMWA - 0004 through 0181 - This project consists of channel modifications. Design is programmed in FY 07-08 and in FY 08-09. Construction is programmed in FY 08-09 and in FY 09-10. The 10-Year Construction Program includes approximately \$1.25 million for this project.

Bootleg Canyon Facilities

NRBL - 0091 - This project consists of expansion of the Bootleg Canyon Detention Basin. Construction is programmed in FY 05-06. The 10-Year Construction Program includes approximately \$0.15 million for this project.

West Airport Facilities

WAAD - 0000 - This project consists of an outlet channel from the Adams Avenue storm drain. Design is programmed in FY 03-04. Construction is programmed in FY 03-04 and in FY 04-05. The 10-Year Construction Program includes approximately \$0.72 million for this project.

West Airport Facilities

WAGR - 0034 - This project accepts flow from US-93 and discharges into the Georgia Avenue Channel. Construction is programmed in FY 02-03. The 10-Year Construction Program includes approximately \$0.1 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

West Airport Facilities

WACC - 0000 through 0168 - This project is a detention basin on the north side of US-93 and an outfall system south of US-93. Design and construction are programmed in FY 10-11. The 10-Year Construction Program includes approximately \$0.75 million for this project.

West Airport Facilities

WADD - 0000 through 0166 - This project is a detention basin north of US-93 and an outfall system south of US-93. Design and construction are programmed in FY 10-11. The 10-Year Construction Program includes approximately \$0.75 million for this project.

The funding programmed for Boulder City totals approximately \$12.79 million on the 10-Year Construction Program.

REGIONAL FLOOD CONTROL DISTRICT

MESQUITE

The Town Wash Detention Basin was funded by the District in previous years. This project totaled approximately \$4,362,146. In order to complete this sizable project in a timely manner, the funding was expedited. Due to the expedited funding for the Town Wash Detention Basin project, along with Mesquite's percentage of Flood Control Facilities, no projects had been proposed on the previous 10-Year Construction Programs between FY 91-92 and FY 95-96. In FY 96-97, \$6.0 million was entered into year 10 (FY 04-05) of the 10-Year Construction Program. These programmed funds have now entered the first 5 years of this 10-Year Construction Program. Projects in Mesquite total approximately \$4,677,146 in District funding.

Projects proposed on the 10-Year Construction Program include the following:

Town Wash, I-15 to the Virgin River - Phase II Bank Protection

This project is bank protection along the Town Wash from I-15 to the Virgin River. Design of these channel improvements is programmed in FY 01-02. Construction is programmed in FY 04-05. The 10-Year Construction Program includes approximately \$2.66 million for this project.

Abbott Wash, I-15 to the Virgin River - Earthen Channel

This project is channelization and erosion control along the Abbott Wash from I-15 to the Virgin River. Construction is programmed in FY 04-05. The 10-Year Construction Program includes approximately \$1.78 million for this project.

Pulsipher Wash, I-15 to the Virgin River

This project is channelization and erosion control along the Pulsipher Wash from I-15 to the Virgin River. Funding for the design and construction of these channel improvements are programmed in FY 04-05. The 10-Year Construction Program includes approximately \$1.2 million for this project.

The funding programmed for Mesquite totals approximately \$5.64 million on the 10-Year Construction Program.

REGIONAL FLOOD CONTROL DISTRICT

FY 2001-02 Project List

The first year of the 10-Year Construction Program comprises the recommended FY 01-02 project list. The project list totals \$36,104,000 and is funded from the estimated 1/4% Sales Tax Revenues and funds remaining from previous set asides for the Corps of Engineers Tropicana/Flamingo Washes Project. Projected revenue for the first year is \$35,342,000. The proposed FY 01-02 project list is as follows:

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

Southwest Pittman Detention Basin and Outfall

PTWA-0983 through 0990 - The Southwest Pittman Detention Basin controls runoff from the western most portion of the Pittman Wash Watershed. Design funds in the amount of \$500,000 are included in Year 1.

Total First Year: \$500,000

Las Vegas (Gowan and Central Basin Planning Areas):

Las Vegas Wash - Rancho Drive System

LVRA - 0025 through 0081; LVLM - 0222; LVSR - 0207; and LVPK - 0000 - This system intercepts flow along the west side of Rancho Drive in the vicinity of the North Las Vegas Air Terminal for discharge into the Lake Mead storm drain. Construction funds in the amount of \$10,044,000 are included in Year 1 to reimburse the City for Entity Advance Funding.

Las Vegas Wash - Smoke Ranch System

LVSR - 0552 - This is a section of storm drain beneath Peak Drive extending from Torrey Pines Drive to Jones Boulevard. Construction funds in the amount of \$2,288,000 are included in Year 1 to reimburse the City for Entity Advance Funding.

Total First Year: \$12,332,000

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

Tributary to the Western Tributary at Craig Road

LV06 - 0000 through 0138 - This channel conveys flow from south of and parallel to Craig Road from Alexander Road and Martin Luther King Boulevard to its confluence with the Western Tributary to the Las Vegas Wash. Construction funds in the amount of \$4,798,000 are included in Year 1.

Total First Year: \$4,798,000

REGIONAL FLOOD CONTROL DISTRICT

Clark County (Las Vegas Valley)

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

Corps of Engineer's (COE) Tropicana/Flamingo Washes Project - The District has programmed \$5,378,000 to meet the anticipated local match to Federal funding for Year 1.

Land Acquisition: Upper Duck Creek, Central Duck Creek, Lower Blue Diamond and Bird Springs Detention Basins

DCWA - 1658, 2261, and 2668; DCBD - 0282 - This project provides early acquisition of land for the Upper and Central Duck Creek, Lower Blue Diamond, and Bird Springs Detention Basins. Right-of-way acquisition funds in the amount of \$500,000 included in Year 1.

Flamingo Wash - McLeod Drive to Maryland Parkway (PV=95.0)

FLWA - 0400 through 0593 - This project is construction of channel improvements along the Flamingo Wash. Construction funds in the amount of \$2,127,000 are included in Year 1 to reimburse the County for Entity Advance Funding.

Flamingo Wash, Boulder Highway to McLeod Drive

FLWA - 0255 through 0376 - This project is the channelization of a reach of the Flamingo Wash. Construction funds in the amount of \$7,500,000 are included in Year 1 to reimburse the County for Entity Advance Funding.

Duck Creek, Stephanie Street to Green Valley Parkway and US-95 Branch

DCWA - 0390 through 0520; DC95 - This project is the channelization of a reach of the Duck Creek Wash. Construction funds in the amount of \$1,110,000 are included in Year 1.

Duck Creek, Lower Detention Basin to Las Vegas Boulevard

DCWA - 1241 through 1358 - This project is the channelization of a reach of Duck Creek. Design funds in the amount of \$600,000 are included in Year 1.

Clark County (Outlying Areas):

No projects are programmed in the First Year of the 10-Year Construction Program.

Clark County (Las Vegas Valley):	\$17,215,000
Clark County (Outlying Areas):	\$ <u>0</u>
Total First Year:	\$17,215,000

REGIONAL FLOOD CONTROL DISTRICT

Boulder City:

Ville Drive Facilities

HMVL - 0028 through 0064 - This project consists of improvements to the collection system for the Ville Detention Basin. Construction funds in the amount of \$860,000 are included in Year 1 to reimburse the City for Entity Advance Funding.

Total First Year: \$860,000

Mesquite:

Town Wash, I-15 to the Virgin River - Phase II Bank Protection

This project is bank protection along the Town Wash from I-15 to the Virgin River. Design funds in the amount of \$399,000 are included in Year 1.

Total First Year: \$399,000

It should be noted that projects that are not included on the FY 01-02 project list may be eligible to have construction funding expedited if they meet the criteria presented in Section II C-5 of the District's Policies and Procedures Manual. To meet these criteria a project must be included on the top five years of the 10-Year Plan; have ninety percent (90%) of design complete; have all right-of-entry for construction purposes obtained; and have all necessary permits, including environmental.

EXHIBIT A

EXHIBIT A

PROGRAMMING PERCENTAGES

Entity	Planning Area	Funded Projects	1996 MPU Total Costs	Total Planning Area Cost	Percent of Total Planning Area
Henderson :		(a)	(b)		
	C-1	\$23,119,834.50	\$41,502,000	\$64,621,835	4.05%
	Pittman	\$12,828,870.23	\$183,864,000	\$196,692,870	12.34%
	Sub-total	\$35,948,704.73	\$225,366,000	\$261,314,705	16.39%
Las Vegas		(a)	(b)		
	Central	\$38,610,973.69	\$147,877,000	\$186,487,974	11.70%
	Gowan	\$40,672,231.04	\$148,147,000	\$188,819,231	11.84%
	Sub-total	\$79,283,204.73	\$296,024,000	\$375,307,205	23.54%
North Las Vegas		(a)	(b)		
	Nothern L V Wash	\$30,790,346.27	\$172,678,000	\$203,468,346	12.76%
	Range	\$19,472,015.62	\$91,875,000	\$111,347,016	6.98%
	Lower L V Wash	\$0.00	\$31,216,000	\$31,216,000	1.96%
	Sub-total	\$50,262,361.89	\$295,769,000	\$346,031,362	21.70%
Clark County		(a)	(b)		
	Duck Cr/Blue Diamond	\$11,469,742.82	\$207,005,000	\$218,474,743	13.70%
	Flamingo/Tropicana	\$47,430,818.22	\$217,860,000	\$265,290,818	16.64%
		(e)	(f)		
	Outlying	\$27,897,707.73	\$52,940,857	\$80,838,565	5.07%
	Sub-total	\$86,798,268.77	\$477,805,857	\$564,604,126	35.41%
Boulder City :		(c)	(d)		
	Boulder City	\$8,521,310.23	\$24,002,700	\$32,524,010	2.04%
	Sub-total	\$8,521,310.23	\$24,002,700	\$32,524,010	2.04%
Mesquite :		(a)	(b)		
	Mesquite	\$4,362,145.65	\$10,200,000	\$14,562,146	0.91%
	Sub-total	\$4,362,145.65	\$10,200,000	\$14,562,146	0.91%
GRAND-TOTAL		\$265,175,996.00	\$1,329,167,557	\$1,594,343,553	100.00%

Notes:

- (a) From CIP Cumulative Reporting 2/13/97 at adoption of Las Vegas Valley MPU
- (b) Cost of remaining facilities from applicable Master Plans as of 2/13/97 at adoption of Las Vegas Valley MPU
- (c) From CIP Cumulative Reporting 5/14/98 at adoption of Boulder City MPU
- (d) Cost of remaining facilities from Boulder City Master Plan as of 5/14/98 at adoption of Boulder City MPU
- (e) From CIP Cumulative Reporting 4/8/99 at adoption of Laughlin MPU and Outlying Areas MPU
- (f) Cost of remaining facilities from Laughlin MPU and Outlying Areas MPU as of 4/08/99 at adoption of these MPUs

EXHIBIT B

EXHIBIT B

Project Prioritization

Facility Description	Planning Area	Facility I.D.	Project Cost Per MPU	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			
HENDERSON :																
C-1 Channel Culvert at Lake Mead Drive	C-1 Ch.	C1CH 0174	\$200,000	4	3	5	5	4	3	4	5	2	5			
				20.0	13.5	20.0	17.5	12.0	7.5	8.0	7.5	2.0	2.5		110.5	
Pioneer Detention Basin, Collection and Outfall System	Pittman	PTVW 0000-0018	\$10,622,880	2	4	4	4	4	3	4	3	1	3			
				10.0	18.0	16.0	14.0	12.0	7.5	8.0	4.5	1.0	1.5		92.5	
Pittman Park Detention Basin	Pittman	PTWA 0050	\$1,219,000	2	3	3	4	3	4	5	5	3	3			
				10.0	13.5	12.0	14.0	9.0	10.0	10.0	7.5	3.0	1.5		90.5	
Southwest C-1 Detention Basin (Black Mountain)	C-1 Ch.	C1CH 0861-0997	\$5,080,000	3	4	3	3	5	1	4	4	1	4			
				15.0	18.0	12.0	10.5	15.0	2.5	8.0	6.0	1.0	2.0		90.0	
East C-1 Detention Basin	C-1 Ch.	C1IT 0492	\$4,834,000	4	3	3	4	3	2	3	4	3	3			
				20.0	13.5	12.0	14.0	9.0	5.0	6.0	6.0	3.0	1.5		90.0	
Pittman Eastern Detention Basin	Pittman	PTEA 0439	\$11,385,000	3	3	3	2	4	5	4	3	2	3			
				15.0	13.5	12.0	7.0	12.0	12.5	8.0	4.5	2.0	1.5		88.0	
Pittman Pecos West Conveyance	Pittman	PTPW 0000-0062	\$3,113,600	3	3	4	2	2	4	5	5	1	3			
				15.0	13.5	16.0	7.0	6.0	10.0	10.0	7.5	1.0	1.5		87.5	
Railroad East Detention Basin and Conveyance System	Pittman	PTRE 0000-0070	\$9,622,900	4	4	1	2	5	0	5	5	2	1			
				20.0	18.0	4.0	7.0	15.0	0.0	10.0	7.5	2.0	0.5		84.0	
Eastern Ave. Tributary	Pittman	PTEA 0000	\$3,653,400	3	3	4	4	1	1	5	5	2	1			
				15.0	13.5	16.0	14.0	3.0	2.5	10.0	7.5	2.0	0.5		84.0	
C-1 Channel Middle Reach, Burkholder to UPRR	C-1 Ch.	C1CH 0412-0578	\$5,137,000	3	3	4	2	2	1	5	5	4	5			
				15.0	13.5	16.0	7.0	6.0	2.5	10.0	7.5	4.0	2.5		84.0	
Pittman Wash Lower Reach	Pittman	PTDC 0000-0014	\$3,244,500	2	4	4	5	1	0	5	4	1	5			
				10.0	18.0	16.0	17.5	3.0	0.0	10.0	6.0	1.0	2.5		84.0	
South Pittman Detention Basin	Pittman	PTPW 0289-0309	\$8,227,000	4	4	1	1	4	4	4	4	1	1			
				20.0	18.0	4.0	3.5	12.0	10.0	8.0	6.0	1.0	0.5		83.0	
C-1 Channel Upper Reach	C-1 Ch.	C1CH 0579-0635	\$1,429,000	4	4	3	3	1	0	4	4	3	5			
				20.0	18.0	12.0	10.5	3.0	0.0	8.0	6.0	3.0	2.5		83.0	
Pittman Wash Railroad Channel	Pittman	PTRR 0000-0035	\$3,896,500	2	2	3	4	4	4	4	3	1	2			
				10.0	9.0	12.0	14.0	12.0	10.0	8.0	4.5	1.0	1.0		81.5	
Pittman Wash - Beltway	Pittman	PTBL 0000	\$418,000	3	2	5	5	1	1	4	3	1	1			
				15.0	9.0	20.0	17.5	3.0	2.5	8.0	4.5	1.0	0.5		81.0	
S.W. Pittman Detention Basin and Outfall	Pittman	PTWA 0983-0990	\$15,172,200	3	4	3	4	3	0	4	2	1	1			
				15.0	18.0	12.0	14.0	9.0	0.0	8.0	3.0	1.0	0.5		80.5	
Gibson Conveyance System	Pittman	PTGB 0057-0208	\$4,730,000	2	5	3	5	3	0	3	1	1	1			
				10.0	22.5	12.0	17.5	9.0	0.0	6.0	1.5	1.0	0.5		80.0	
Boulder Highway Channel	C-1 Ch.	C1BH 0000	\$2,359,000	3	3	3	4	3	0	4	1	3	5			
				15.0	13.5	12.0	14.0	9.0	0.0	8.0	1.5	3.0	2.5		78.5	
Northeast C-1 Detention Basin and Levee	C-1 Ch.	C1IT 0199-0246	\$7,434,000	3	4	4	3	2	1	3	1	1	3			
				15.0	18.0	16.0	10.5	6.0	2.5	6.0	1.5	1.0	1.5		78.0	
Northeast C-1 Detention Basin Outfall	C-1 Ch.	C1IT 0000-0127	\$4,532,000	3	4	3	3	2	1	4	2	1	3			
				15.0	18.0	12.0	10.5	6.0	2.5	8.0	3.0	1.0	1.5		77.5	
Drake Channel	C-1 Ch.	C1DC 0000-0123	\$1,120,000	2	3	3	2	2	4	4	3	1	2			
				10.0	13.5	12.0	7.0	6.0	10.0	8.0	4.5	1.0	1.0		73.0	
Equestrian Detention Basin Outfall	C-1 Ch.	C1EQ 0000-0180	\$4,771,000	2	3	2	2	3	2	4	2	2	1			
				10.0	13.5	8.0	7.0	9.0	5.0	8.0	3.0	2.0	0.5		66.0	
Pittman Stephanie Detention Basin	Pittman	PTMR 0447	\$5,083,000	1	3	0	1	4	2	4	2	1	1			
				5.0	13.5	0.0	3.5	12.0	5.0	8.0	3.0	1.0	0.5		51.5	
Pittman - MacDonald Ranch Channel	Pittman	PTMR 0132	\$3,702,300	1	2	2	1	4	0	4	1					
				5.0	9.0	8.0	3.5	12.0	0.0	8.0	1.5	0.0	0.0		47.0	
C-1 Channel Lower Reach	C-1 Ch.	C1CH 0000-0142	\$4,805,000	0	3	0	0	3	2	3	1	2	1			
				0.0	13.5	0.0	0.0	9.0	5.0	6.0	1.5	2.0	0.5		37.5	
Pittman Pabco Channel	Pittman	PTPA 0000	\$4,927,800	1	2	1	0	2	0	1	0	2	1			
				5.0	9.0	4.0	0.0	6.0	0.0	2.0	0.0	2.0	0.5		28.5	

EXHIBIT B

Project Prioritization

Facility Description	Planning Area	Facility I.D.	Project Cost Per MPU	Priority Factor and Weight											Priority Value
				Pop.	Land	Public	Access	Avoid.	Funding	Relation	Implem.	Env.	O&M		
				5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5		
CITY OF LAS VEGAS:															
Las Vegas Wash - Rancho Drive System	Central	LVRA 0025-0081; LVLM-0222; LVSR-0207; LVPK-0000	\$7,051,500	4	4	4	5	4	1	4	4	2	3		
				20.0	18.0	16.0	17.5	12.0	2.5	8.0	6.0	2.0	1.5	103.5	
Owens Avenue System - Rancho to I-15	Central	LVOW 0000 - 0146	\$6,126,400	4	3	4	4	3	5	4	5	1	3		
				20.0	13.5	16.0	14.0	9.0	12.5	8.0	7.5	1.0	1.5	103.0	
Gowan South Detention Basin Expansion	Gowan	GOSO 0051	\$1,500,000	4	4	4	3	5	3	5	2	1	1		
				20.0	18.0	16.0	10.5	15.0	7.5	10.0	3.0	1.0	0.5	101.5	
Gowan/Lone Mtn. System (Gilmore Channel)	Gowan	GOLM 0166	\$1,900,000	3	3	3	3	5	5	5	5	3	3		
				15.0	13.5	12.0	10.5	15.0	12.5	10.0	7.5	3.0	1.5	100.5	
Gowan North Channel - Alexander to Lone Mtn Rd	Gowan	GONO 0009 - 0205	\$12,110,800	4	4	4	4	3	1	5	3	3	5		
				20.0	18.0	16.0	14.0	9.0	2.5	10.0	4.5	3.0	2.5	99.5	
Gowan Outfall Facilities	Gowan	GOOF 0198	\$750,000	3	3	4	4	4	3	5	5	3	2		
				15.0	13.5	16.0	14.0	12.0	7.5	10.0	7.5	3.0	1.0	99.5	
Meadows Detention Basin & Outfall	Central	LCME 0000 - 0019	\$2,290,100	4	3	4	4	3	3	4	3	5	3		
				20.0	13.5	16.0	14.0	9.0	7.5	8.0	4.5	5.0	1.5	99.0	
Oakey - Meadows Storm Drain System	Central	MEOK 0000 - 0258	\$10,214,600	4	3	3	3	5	4	5	3	1	3		
				20.0	13.5	12.0	10.5	15.0	10.0	10.0	4.5	1.0	1.5	98.0	
Gowan Outfall - Lone Mtn. Branch	Gowan	GOLO 0000 - 0331	\$10,603,500	3	3	4	4	4	5	4	3	1	2		
				15.0	13.5	16.0	14.0	12.0	12.5	8.0	4.5	1.0	1.0	97.5	
Gowan North Channel - Lone Mtn to CAM-10 Detention Basin	Gowan	GONO 0234 - 0566	\$11,978,900	4	4	4	4	3	1	5	3	1	4		
				20.0	18.0	16.0	14.0	9.0	2.5	10.0	4.5	1.0	2.0	97.0	
Gowan North - El Capitan Branch	Gowan	GOEC 0000-0176	\$4,177,000	3	3	4	3	5	4	4	3	1	2		
				15.0	13.5	16.0	10.5	15.0	10.0	8.0	4.5	1.0	1.0	94.5	
Lone Mountain System - LMD Basin Outfall to Durango	Gowan	GOLM 0000-0101	\$1,767,100	4	3	3	4	3	3	4	4	3	2		
				20.0	13.5	12.0	14.0	9.0	7.5	8.0	6.0	3.0	1.0	94.0	
Las Vegas Wash - Smoke Ranch System (Peak Drive from Torrey Pines to Jones)	Central	LVSR 0552	\$917,100	4	3	4	4	3	1	3	3	4	5		
				20.0	13.5	16.0	14.0	9.0	2.5	6.0	4.5	4.0	2.5	92.0	
CAM-10 Detention Basin	Gowan	GONO 0589	\$8,674,300	4	4	3	3	2	2	2	5	3	3		
				20.0	18.0	12.0	10.5	6.0	5.0	4.0	7.5	3.0	1.5	87.5	
Las Vegas Creek Channel Parallel System	Central	LCCP 0000-0286	\$9,421,700	4	4	3	4	3	2	3	1	1	1		
				20.0	18.0	12.0	14.0	9.0	5.0	6.0	1.5	1.0	0.5	87.0	
Freeway Channel - Charleston Lateral	Central	FWCH 0020	\$1,036,500	4	4	3	4	3	2	1	1	1	1		
				20.0	18.0	12.0	14.0	9.0	5.0	2.0	1.5	1.0	0.5	83.0	
Freeway Channel - Sahara to Desert Inn	Central	FW15 0214, 0301	\$4,278,800	5	3	4	4	1	1	1	3	1	2		
				25.0	13.5	16.0	14.0	3.0	2.5	2.0	4.5	1.0	1.0	82.5	
Oakey/I-15 Storm Drain System	Central	FWOK 0000-0010	\$2,487,600	5	4	3	3	3	1	1	1	1	1		
				25.0	18.0	12.0	10.5	9.0	2.5	2.0	1.5	1.0	0.5	82.0	

EXHIBIT B

Project Prioritization

Facility Description	Planning Area	Facility I.D.	Project Cost Per MPU	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:																
Western Tributary Channel, Camino Al Norte to Ann	Northern LV Wash	LVMD 1954-2172	\$9,890,000	4	4	4	3	4	3	3	4	3	3			
Western Tributary Channel, Ann to Centennial	Northern LV Wash	LVMD 2206-2322	\$6,407,000	4	3	4	4	3	4	4	3	3	3			
Las Vegas Wash Main Branch, Cheyenne to Lake Mead	Northern LV Wash	LVMD 1421-1594	\$7,916,900	4	4	4	3	3	2	4	4	3	4			
Main Branch Alexander to Cheyenne and Cheyenne DB	Northern LV Wash	LVMD 1595-1680	\$12,354,970	3	3	4	3	4	4	4	4	2	4			
Trib. to W. Trib. at Craig	Northern LV Wash	LV06 0000-0138	\$4,247,000	3	3	3	4	4	4	4	4	2	4			
Las Vegas Wash - Losee	Northern LV Wash	LVLO 0000	\$1,795,000	3	3	3	4	4	4	4	4	2	4			
Ann Rd. System, Rancho to Allen	Northern LV Wash	ANWE 0000-0361	\$9,829,000	3	4	4	4	3	3	3	3	2	4			
Sloan Channel	Range	RWSL 0000-0135	\$4,565,000	4	3	4	3	3	2	4	4	3	4			
Simmons Street Channel	Northern LV Wash	LVSM 0000-0168	\$5,300,000	4	3	4	3	2	3	4	4	3	4			
Trib. to the W. Trib. at Alexander	Northern LV Wash	LV05 0000-0131	\$4,433,000	3	4	3	4	3	4	3	3	2	3			
Upper Las Vegas Wash, Craig to Elkhorn	Northern LV Wash	LVUP 0000-0210	\$13,116,000	3	3	4	4	3	3	3	4	3	3			
Centennial Pkwy. Channel East	Northern LV Wash	CNEA 0000-0117	\$4,692,800	3	3	4	4	3	3	3	4	2	3			
Orchard Detention Basin	Range	SLOR 0085-0170	\$3,674,000	3	4	3	3	3	3	3	4	3	3			
Owens Detention Basin and Outfall	Range	SLWA 0000-0153	\$3,922,000	3	4	3	3	3	2	3	4	3	3			
Tropical Parkway Channel East	Northern LV Wash	TREA 0000	\$3,120,000	3	3	3	4	3	2	4	3	2	3			
Las Vegas Wash - Decatur	Northern LV Wash	LVMD 2322-2324;LVDE	\$4,585,000	3	3	3	4	3	2	3	3	2	2			
Rancho Detention Basin - Phase II	Northern LV Wash	RCHO 0061	\$1,615,600	3	3	3	3	3	2	3	3	3	3			
Upper Washington System	Range	SLWA-0158; SLOW;SLER	\$3,024,000	3	3	3	3	3	2	3	3	2	4			
Sloan E. Br. & W. Range (Vandenberg to LV Blvd.)	Range	SLEB 0000-0046;RWWE 0000-0168	\$4,254,000	3	3	3	3	3	2	3	3	2	3			
West Range Wash Channel, Las Vegas Blvd. to Diversion	Range	RWSL 0576-0694	\$3,690,000	3	3	3	2	3	3	3	3	2	3			
Western Tributary, Clayton to Lower LV DB	Northern LV Wash	LVMD 2045	\$4,068,500	3	3	2	4	2	3	3	3	2	3			
Main Branch - Lake Mead to Vegas Valley	Lower LV Wash	LVMD 1032-1321	\$10,859,200	3	3	3	2	3	2	3	3	3	4			
Centennial Pkwy. Channel West	Northern LV Wash	CNWE 0000-0200	\$11,019,300	3	3	3	2	3	2	3	3	3	3			
Range Wash, Christy Lateral	Range	LVCH 0000-0114	\$2,899,000	3	3	3	3	2	2	3	3	2	3			
Alto and Lake Mead Conveyances	Range	RWAL RWLM	\$6,824,000	2	3	3	3	3	2	4	3	2	2			
Stewart Avenue Conveyance	Range	SLST 0000-0104	\$3,004,000	2	3	3	2	3	2	3	3	2	2			
Range Wash Railroad Channel	Range	RWRR 0005-0160	\$4,935,200	2	3	2	2	3	2	3	3	2	3			
Las Vegas Wash Collection System Elkhorn	Northern LV Wash	EKEA 0000-0142	\$6,701,000	2	3	2	2	2	2	4	3	2	2			
Elkhorn Road Channel West	Northern LV Wash	EKWE 0000	\$1,359,900	2	3	2	2	2	2	3	3	2	2			
Lower Las Vegas Wash - Reach 2 Property Acq.; Channel Widening	Lower LV Wash	LVMD 0605-0772(R/W)	\$2,480,000	1	2	2	2	3	2	3	3	3	3			
Stabilization Reach 1	Lower LV Wash	LVMD 0002	\$9,270,000	1	1	2	1	3	3	3	3	4	2			

EXHIBIT B

Project Prioritization

Facility Description	Planning Area	Facility I.D.	Project Cost Per MPU	Priority Factor and Weight											Priority Value	
				Pop.	Land	Public	Access	Avoid.	Funding	Relation	Implem.	Env.	O&M			
				5.0	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5			
CLARK COUNTY:																
Lower Duck Detention Basin	Duck Cr. Bl.Diamond	DCWA 1216	\$11,871,000	5 25.0	5 22.5	5 20.0	4 14.0	4 12.0	3 7.5	5 10.0	3 4.5	2 2.0	4 2.0		119.5	
Buffalo, Spring Mtn Drain, Lakes Det. Basin, & Desert Inn Drain	Flamingo/Tropicana	FLBF,FLSM, FLDI	\$12,348,000	4 20.0	4 18.0	4 16.0	4 14.0	4 12.0	3 7.5	4 8.0	4 6.0	2 2.0	3 1.5		105.0	
Flamingo Lateral (Flamingo/Rainbow) & Desert Inn Detention Basin	Flamingo/Tropicana	FLLA 0308-0369	\$2,496,000	3 15.0	4 18.0	4 16.0	4 14.0	4 12.0	3 7.5	4 8.0	4 6.0	2 2.0	2 1.0		99.5	
Flamingo Wash, Swensen to Lower Flamingo Det. Basin	Flamingo/Tropicana	FLWA 0648-1049	\$4,442,000	4 20.0	4 18.0	4 16.0	3 10.5	3 9.0	3 7.5	4 8.0	4 6.0	2 2.0	3 1.5		98.5	
Durango Collector	Flamingo/Tropicana	FLDR	\$5,182,000	3 15.0	4 18.0	4 16.0	4 14.0	3 9.0	3 7.5	4 8.0	4 6.0	2 2.0	2 1.0		96.5	
Tropicana Wash, Flamingo Wash to Koval	Flamingo/Tropicana	TRWA 0000-0152	\$6,705,000	4 20.0	4 18.0	4 16.0	3 10.5	4 12.0	2 5.0	3 6.0	3 4.5	2 2.0	3 1.5		95.5	
Flamingo Wash, McLeod to Maryland Pkwy.	Flamingo/Tropicana	FLWA 0400-0593	\$4,858,000	4 20.0	4 18.0	4 16.0	3 10.5	4 12.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0		95.0	
Land Aqc. Upper & Central Duck, Lower Blue Diamond & Birdsprings Det. Basins	Duck Cr. Bl.Diamond	DCWA-1658, 2261, 2668; DCBD-0282	\$2,045,000	5 25.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	4 6.0	1 1.0	1 0.5		95.0	
Red Rock Channel - Naples Branch	Flamingo/Tropicana	RRNA; RRNS; RRNN	\$5,299,800	2 10.0	4 18.0	4 16.0	3 10.5	5 15.0	3 7.5	4 8.0	3 4.5	2 2.0	3 1.5		93.0	
Red Rock - Ft. Apache Collector	Flamingo/Tropicana	RRFA	\$2,930,000	3 15.0	4 18.0	4 16.0	3 10.5	3 9.0	3 7.5	4 8.0	3 4.5	2 2.0	3 1.5		92.0	
Flamingo Wash and Lower Flamingo Detention Basin	Flamingo/Tropicana	FLWA 1050-1376	\$3,268,000	3 15.0	4 18.0	3 12.0	3 10.5	4 12.0	3 7.5	4 8.0	3 4.5	2 2.0	3 1.5		91.0	
Duck Creek, Boulder Highway to Stephanie	Duck Cr. Bl.Diamond	DCWA 0248-0340	\$5,249,000	3 15.0	3 13.5	3 12.0	4 14.0	4 12.0	2 5.0	3 6.0	3 4.5	4 4.0	4 2.0		88.0	
Las Vegas Wash - Branch 01 Tropicana Ave Channel Reach 1	Flamingo/Tropicana	LV01 0000-0118	\$4,503,000	2 10.0	4 18.0	4 16.0	3 10.5	4 12.0	3 7.5	3 6.0	3 4.5	2 2.0	2 1.0		87.5	
Las Vegas Wash - Branch 01 Tropicana Ave Channel Reach 2	Flamingo/Tropicana	LV01 0150-0151	\$5,436,000	2 10.0	4 18.0	4 16.0	3 10.5	4 12.0	3 7.5	3 6.0	3 4.5	2 2.0	2 1.0		87.5	
Flamingo Wash, Las Vegas Wash to Lamb Blvd	Flamingo/Tropicana	FLWA 0000-0174	\$3,734,000	3 15.0	3 13.5	3 12.0	3 10.5	4 12.0	3 7.5	4 8.0	3 4.5	2 2.0	3 1.5		86.5	
Flamingo Wash, Lamb Blvd to Boulder Highway	Flamingo/Tropicana	FLWA 0175-0228	\$3,135,000	3 15.0	3 13.5	3 12.0	3 10.5	4 12.0	3 7.5	4 8.0	3 4.5	2 2.0	3 1.5		86.5	
Flamingo Wash, Boulder Highway to McLeod	Flamingo/Tropicana	FLWA 0255-0376	\$5,050,000	3 15.0	3 13.5	3 12.0	3 10.5	4 12.0	3 7.5	4 8.0	3 4.5	2 2.0	3 1.5		86.5	
Duck Creek, Stephanie to Green Valley Pkwy. and US95 Branch	Duck Cr. Bl.Diamond	DCWA 0390-0520&DC95	\$4,884,200	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	4 2.0		83.0	
Duck Creek, Green Valley Pkwy. to Sunset	Duck Cr. Bl.Diamond	DCWA 0597	\$4,698,000	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	4 2.0		83.0	
Duck Creek Channel, Sunset to Eastern	Duck Cr. Bl.Diamond	DCWA 0647-0883	\$8,119,000	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	4 2.0		83.0	
Duck Creek, Eastern to Lower Detention Basin	Duck Cr. Bl.Diamond	DCWA 0884-1169	\$8,106,000	3 15.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	4 2.0		83.0	
Lower Blue Diamond Detention Basin and Outfall Channel	Flamingo/Tropicana	DCBD 0000-0283	\$8,620,000	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	3 7.5	4 8.0	3 4.5	2 2.0	2 1.0		79.0	
Las Vegas Wash - Branch 02 (Monson Channel)	Flamingo/Tropicana	LV02	\$8,350,000	2 10.0	3 13.5	3 12.0	3 10.5	3 9.0	3 7.5	3 6.0	3 4.5	2 2.0	3 1.5		76.5	
Flamingo Diversion Rainbow Branch	Flamingo/Tropicana	FLRB 0000-0062	\$2,130,000	2 10.0	3 13.5	3 12.0	3 10.5	3 9.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0		73.5	
Duck Creek, Broadbent to Boulder Hwy	Duck Cr. Bl.Diamond	DCWA 0168-0251	\$4,030,000	2 10.0	2 9.0	3 12.0	3 10.5	3 9.0	2 7.5	3 6.0	3 4.5	2 2.0	3 1.5		72.0	
Duck Creek, Lower Detention Basin to Las Vegas Blvd.	Duck Cr. Bl.Diamond	DCWA 1241-1358	\$3,984,000	2 10.0	2 9.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	3 4.5	2 2.0	3 1.5		71.5	
Duck Creek, Las Vegas Blvd. to Central Duck Creek Detention Basin	Duck Cr. Bl.Diamond	DCWA 1362-1594	\$6,642,000	2 10.0	2 9.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	3 4.5	2 2.0	3 1.5		71.5	
Flamingo Diversion - Jones Branch	Flamingo/Tropicana	FLJO 0000-0076	\$2,560,000	2 10.0	3 13.5	3 12.0	2 7.0	3 9.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0		70.0	
Blue Diamond Channel - Rainbow Branch	Flamingo/Tropicana	BDRB	\$2,540,000	2 10.0	2 9.0	3 12.0	3 10.5	3 9.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0		69.0	
Duck Creek, Sunset Park	Duck Cr. Bl.Diamond	DCSP 0000	\$1,670,000	2 10.0	3 13.5	2 8.0	2 7.0	3 9.0	2 5.0	2 4.0	3 4.5	2 2.0	2 1.0		64.0	
Upper Duck Detention Basin	Duck Cr. Bl.Diamond	DCWA 2261	\$13,190,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	2 5.0	4 8.0	2 3.0	2 2.0	1 0.5		72.0	

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

ADOPTED JUNE 14, 2001

Board prioritized projects shown in bold

Entity Advance Funding projects shown in bold *italic*

ADOPTED JUNE 14, 2001					FIRST FIVE YEARS 7/2001 THRU 6/2006										SECOND FIVE YEARS 7/2006 THRU 6/2011									
Board prioritized projects shown in bold					FY 01/02 (Year 1)		FY 02/03 (Year 2)		FY 03/04 (Year 3)		FY 04/05 (Year 4)		FY05/06 (Year 5)		FY06/07 (Year 6)		FY07/08 (Year 7)		FY08/09 (Year 8)		FY09/10 (Year 9)		FY10/11 (Year 10)	
Entity Advance Funding projects shown in bold italic					Design	Const.	Design	Const.	Design	Const.	Design	Const.	Design	Const.	Design	Const.	Design	Const.	Design	Const.	Design	Const.	Design	Const.
Facility Description	Planning Area	Project Cost Per MPU	Priority Value	Notes	/ROW		/ROW		/ROW		/ROW		/ROW		/ROW		/ROW		/ROW		/ROW		/ROW	
HENDERSON :																								
Pioneer Detention Basin, Collection System and Outfall (PTVW-0000 thru 0018)	Pittman	\$10,622,880	92.5						0.500					1.353	4.397									
Pittman Pecos West Conveyance (PTPW- 0000 thru 0082)	Pittman	\$3,113,600	87.5											0.972										
Eastern Ave. Trib. (PTEA-0000)	Pittman	\$3,653,400	84.0											2.843										
Railroad East Det. Basin and Conveyance System (PTRE-0000 thru 0070)	Pittman	\$9,622,900	84.0					2.410		1.590	8.333													
Pittman Wash Lower Reach (PTDC-0000 thru 0014)	Pittman	\$3,244,500	84.0				3.700																	
C-1 Channel - Upper Reach (C1CH-0579 thru 0835)	C-1 Ch.	\$1,429,000	83.0						4.180															
Pittman Wash Railroad Channel (PTRR-0000 thru 0035)	Pittman	\$3,896,500	81.5										3.317											
S.W. Pittman Detention Basin and Outfall (PTWA-0983 thru 0990)	Pittman	\$15,172,200	80.5		0.500		3.425							3.537	2.710	4.000	1.000							
Gibson Conveyance System (PTGB-0057 thru 0208)	Pittman	\$4,730,000	80.0				0.720							3.755										
Boulder Highway Channel (C1BH-0000)	C-1 Ch.	\$2,359,000	78.5										2.060											
N.E. C-1 Det. Basin and Levee (C1IT-0199 thru 0248)	C-1 Ch.	\$7,434,000	78.0						1.120							3.836	2.474							
N.E. C-1 Det. Basin Outfall (C1IT-0000 thru 0127)	C-1 Ch.	\$4,532,000	77.5						0.680							3.670								
Drake Channel (C1DC-0000 thru 0123)	C-1 Ch.	\$1,120,000	73.0						0.170							0.950								
Equestrian Det. Basin Outfall (C1EQ-0000 thru 0180)	C-1 Ch.	\$4,771,000	66.0				0.559		0.061							1.100	3.000							
Pittman-MacDonald Ranch Channel (PTMR-0132)	Pittman	\$3,702,300	47.0														1.400			2.300				
C-1 Channel Lower Reach (C1CH-0000 thru 0142)	C-1 Ch.	\$4,805,000	37.5														1.100			3.509				
Pittman Pabco Channel (PTPA-0000)	Pittman	\$4,927,800	26.5																					
Totals per Fiscal Year (x \$1,000,000)						0.500		8.404		9.121		9.923		10.545		11.689		12.466		11.974		0.600		3.000
Henderson 10-Year Total :					\$85,031,000																			

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

ADOPTED JUNE 14, 2001

Board prioritized projects shown in bold

Entity Advance Funding projects shown in bold *italic*

ADOPTED JUNE 14, 2001					FIRST FIVE YEARS 7/2001 THRU 6/2006										SECOND FIVE YEARS 7/2006 THRU 6/2011										
Board prioritized projects shown in bold					FY 01/02 (Year 1)		FY 02/03 (Year 2)		FY 03/04 (Year 3)		FY 04/05 (Year 4)		FY 05/06 (Year 5)		FY 06/07 (Year 6)		FY 07/08 (Year 7)		FY 08/09 (Year 8)		FY 09/10 (Year 9)		FY 10/11 (Year 10)		
Entity Advance Funding projects shown in bold italic					Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	
Facility Description	Planning Area	Project Cost Per MPU	Priority Value	Notes																					
LAS VEGAS (Central Las Vegas Valley) :																									
Las Vegas Wash - Rancho Drive System (LVRA-0025 thru 0081; LVLM-0222; LVSR-0207; LVPK-0000)	Central	\$7,051,500	103.5			3.456																			
Owens Avenue System	Central	\$6,126,400				6.588																			
Rancho to I-15 (LVOW-0000 thru 0146)			103.0					4.649																	
Gowan N. Channel - Alexander to Lone Mtn Rd. (GONO-0009 thru 0205)	Gowan	\$12,110,800	99.5									5.812													
Meadows Detention Basin & Outfall (LCME-0000 thru 0019)	Central	\$2,290,100	99.0																						
Oakey - Meadows Storm Drain System (MEOK 0000-0132) (4/8/99 Amendment)	Central	\$6,821,400	98.0																3.534						
Gowan Outfall - Lone Mtn Branch (GOLO-0000 thru 0331)	Gowan	\$10,803,500	97.5																	0.100	0.937		2.003	0.500	3.082
GNC - Lone Mtn Rd. to CAM-10 DB (GONO-0234 thru 0586)	Gowan	\$11,978,900	97.0																0.400		3.500	0.400		6.300	
Gowan North - El Capitan Branch (GOEC-0000 thru 0176)	Gowan	\$4,177,000	94.5																0.400		4.200	0.500	6.879		
Lone Mountain System - LMD Basin Outfall to Durango (GOLM-0000 thru 0101)	Gowan	\$1,767,100	94.0																			0.400		3.777	
Las Vegas Wash - Smoke Ranch System (LVSR - 0552)	Central	\$917,100	92.0			2.288													1.587						
CAM-10 Detention Basin (GONO-0589)	Gowan	\$8,674,300	87.5																				3.540		
Las Vegas Creek Channel Parallel System (LCCP-0000 thru 0286)	Central	\$9,421,700	87.0	NDOT Oversize									0.250											2.000	
Freeway Channel - Charleston Lateral (FWCH-0020)	Central	\$1,036,500	83.0																					2.073	
Totals per Fiscal Year (x \$1,000,000)						12.332		4.649		0.000		5.812		0.250		0.000		5.921		8.737		13.722		17.732	
Las Vegas 10-Year Total : \$69,154,876																									

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

ADOPTED JUNE 14, 2001

Board prioritized projects shown in bold

Entity Advance Funding projects shown in bold italic

Facility Description	Planning Area	Project Cost Per MPU	Priority Value	Notes	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.
NORTH LAS VEGAS (Northern Las Vegas Valley) :																								
Main Branch, Cheyenne to Lake Mead (LVMD-1421 thru 1594)	N. LV Wash	\$7,916,900	97.5				0.531		2.480			2.020				2.797		4.161						
Main Branch, Alexander to Cheyenne and Cheyenne DB(LVMD-1595 thru 1680)	N. LV Wash	\$12,354,970	95.0	CHAN-PB-							10.840		6.820											
Trib. to W. Trib. at Craig (LV05-0000 thru 0138)	N. LV Wash	\$4,247,000	94.5			4.798																		
Las Vegas Wash - Loses (LVLO-0000)	N. LV Wash	\$1,795,000	94.5						1.195															
Ann Road System, Rancho to Allen(ANWE-0000 thru 0361)	N. LV Wash	\$9,829,000	94.0	50/50 w/RTC					9.450															
Sloan Channel (RWSL-0000 thru 0135)	Range	\$4,565,000	93.0				1.265		1.000			2.000												
Simmons Street Channel (LVSM-0000 thru 0168)	N. LV Wash	\$5,300,000	92.5				2.400					2.300												
Trib. to W. Trib. at Alexander (LV05-0000 thru 0131)	N. LV Wash	\$4,433,000	92.0									3.592												
Upper LV Wash, Craig to Elkhorn (LVUP-0000 thru 0210)	N. LV Wash	\$13,116,000	91.5								2.300	1.600		6.752										
Centennial Pkwy Channel East (CNEA-0000 thru 0117)	N. LV Wash	\$4,692,800	90.5									1.830		2.000										
Orchard Detention Basin (SLOR-0085 thru 0170)	Range	\$3,674,000	88.5										3.374											
Owens Det. Basin & Outfall (SLWA-0000 thru 0153)	Range	\$3,922,000	86.0						0.250				1.673	2.000										
Tropical Parkway Channel East (TREA-0000)	N. LV Wash	\$3,120,000	84.5				0.350							2.770										
Las Vegas Wash - Decatur (LVMD-2322 thru 2324; LVDE-0000)	N. LV Wash	\$4,585,000	82.0									0.550		2.750		2.500								
Rancho Detention Basin - Phase II (RCHO-0061)	N. LV Wash	\$1,615,800	80.0													0.170						1.448		
Upper Washington System (SLWA-0158; SLOW; SLER)	Range	\$3,024,000	79.5						0.163				1.270						1.054					
Sloan E. Br. & W. Range (Vandenberg DB to LV Blvd.)	Range	\$4,254,000																						
(SLEB-0000 thru 0046; RWWE-0000 thru 0168)			79.0													0.600			1.845			1.250		
Western Tributary, Clayton to Lower LV DB (LVMD-2045)	N. LV Wash	\$4,068,500	78.0														0.750		2.500					
West Range Wash Channel, Las Vegas Blvd to Diversion(RWSL-0576 thru 0694)	Range	\$3,690,000	78.0											0.225		1.870		1.595						
Main Branch, Lake Mead to Vegas Valley (LVMD-1032 thru 1321)	Lower Las Vegas Wash	\$10,859,200	77.0										0.815									10.902		
Range Wash, Christy Lateral (LVCH-0000 thru 0114)	Range	\$2,899,000	76.0										0.200			2.700								
Alto and Lake Mead Conveyances (RWAL; RWLM)	Range	\$6,824,000	75.5										0.474		3.000				3.350					
Stewart Avenue Conveyance (SLST-0000 thru 0104)	Range	\$3,004,000	70.0												0.183		1.521		1.300					
Range Wash Railroad Channel (RWRR-0005 thru 0180)	Range	\$4,935,200	66.5																				1.500	
Totals per Fiscal Year (x \$1,000,000)						4.798		4.546		25.215		9.283		13.892		15.288		15.820		14.272		14.254		15.098
North Las Vegas 10-Year Total : \$132,466,000																								

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

ADOPTED JUNE 14, 2001

Board prioritized projects shown in bold

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ADOPTED JUNE 14, 2001					FIRST FIVE YEARS 7/2001 THRU 6/2006										SECOND FIVE YEARS 7/2006 THRU 6/2011									
Board prioritized projects shown in bold					FY 01/02 (Year 1)		FY 02/03 (Year 2)		FY 03/04 (Year 3)		FY 04/05 (Year 4)		FY05/06 (Year 5)		FY06/07 (Year 6)		FY07/08 (Year 7)		FY08/09 (Year 8)		FY09/10 (Year 9)		FY10/11 (Year 10)	
Entity Advance Funding projects shown in bold italic					Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.
CLARK COUNTY (Southwest Las Vegas Valley) :																								
Corps of Engineer's Tropicana/Flamingo Washes Project					Flam./Trop. COE	\$26,398,000			5.378		2.645		0.985		0.261									
Buffalo & Spring Mt Drains, Lakes DB & Desert Inn Drain (FLBF, FLSD, FLDI)					Flam./Trop.	\$12,348,000	105.0					2.200												
Flamingo Wash, Swenson to Lower Flam. Det. Basin (FLWA-0648 thru 1049)					Flam./Trop.	\$4,442,000	96.5						0.400	0.502		0.706		0.500		2.334				
Land Acq Upper Duck, Central Duck, Lower Blue Diamond & Birdsprings DB(DCWA-1658, 2261, & 2668; DCBD-0282)					Duck Cr./Bl. Diamond	\$2,045,000	95.0		0.500			0.500			1.045									
Flamingo Wash, McLeod to Maryland Pkwy (FLWA-0400 thru 0593)					Flam./Trop.	\$4,858,000	95.0		2.127			0.400		1.286		0.352		2.000						
Red Rock Channel - Naples Branch (RRNA; RRNS, RRNN)					Flam./Trop.	\$5,299,800	93.0						2.454		3.500									
Red Rock Ft Apache Collector (RRFA)					Flam./Trop.	\$2,930,000	92.0			0.300			0.500		2.130									
Flamingo Wash & Lower Flamingo DB (FLWA-1050 thru 1376)					Flam./Trop.	\$3,268,000	91.0										0.500		1.768		1.768			
Duck Creek, Boulder Hwy to Stephanie (DCWA-0248 thru 0340)					Duck Cr./Bl. Diamond	\$5,249,000	88.0				12.319													
Las Vegas Wash - Branch 01, Reach 2 (LV01-0150 thru 0151)					Flam./Trop.	\$5,436,000	87.5										0.500		2.003		2.000			
Las Vegas Wash - Branch 01, Reach 1 (LV01-0000 thru 0118)					Flam./Trop.	\$4,503,000	87.5										0.700		3.740					
Flamingo Wash, Lamb Blvd to Boulder Hwy(FLWA-0175 thru 0228)					Flam./Trop.	\$3,135,000	86.5			2.000				0.500		2.635								
Flamingo Wash, Las Vegas Wash to Lamb Blvd(FLWA-0000 thru 0174)					Flam./Trop.	\$3,734,000	86.5										0.500				3.234			
Flamingo Wash, Boulder Hwy to McLeod (FLWA-0255 thru 0376)					Flam./Trop.	\$5,050,000	86.5		7.500			1.290				3.000								
Duck Creek, Stephanie to GV Pkwy & US95 Br. (DCWA-0390 thru 0520; DC95)					Duck Cr./Bl. Diamond	\$4,884,200	83.0		1.110			1.396			1.380	1.104								
Duck Creek, GV Pkwy to Sunset (DCWA-0597)					Duck Cr./Bl. Diamond	\$4,698,000	83.0									0.581		4.117						
Duck Creek Channel, Sunset to Eastern (DCWA-0647 thru 0883)					Duck Cr./Bl. Diamond	\$8,119,000	83.0					0.500		3.700										
Duck Creek, Eastern to Lower Detention Basin (DCWA-0884 thru 1169)					Duck Cr./Bl. Diamond	\$8,106,000	83.0			1.000					1.000			3.648		2.352				
Lower Blue Diamond Detention Basin & Outfall (DCBD-0000 thru 0283)					Flam./Trop.	\$8,620,000	79.0			0.900		4.545		2.575	2.536	0.639								
Las Vegas Wash - Branch 02 (Monson Chnl) (LV02)					Flam./Trop.	\$8,350,000	78.5							0.900				1.581		6.769				
Duck Creek, Broadbent to Boulder Hwy (DCWA-0168 thru 0251)					Duck Cr./Bl. Diamond	\$4,030,000	72.0			4.030					2.130									
Upper Duck Creek Detention Basin (DCWA-2261)					Duck Cr./Bl. Diamond	\$13,190,000	72.0															8.000		
Duck Creek, Lower Det. Basin to LV Blvd. (DCWA-1241 thru 1358)					Duck Cr./Bl. Diamond	\$3,984,000	71.5	0.600						2.000	1.384									
Duck Creek, LV Blvd to Central Duck Creek DB (DCWA-1362 thru 1594)					Duck Cr./Bl. Diamond	\$8,642,000	71.5							0.590	1.380							4.672		
Flamingo Diversion - Jones Branch (FLJO-0000 thru 0076)					Flam./Trop.	\$2,560,000	70.0			0.500				0.600										
Blue Diamond Channel - Rainbow Branch (BDRB)					Flam./Trop.	\$2,540,000	69.0						0.400			2.140								
Duck Creek, Sunset Park (DCSP-0000)					Duck Cr./Bl. Diamond	\$1,670,000	64.0												0.200	1.470				

EXHIBIT C

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ADOPTED JUNE 14, 2001					FIRST FIVE YEARS 7/2001 THRU 6/2006										SECOND FIVE YEARS 7/2006 THRU 6/2011									
Board prioritized projects shown in bold					FY 01/02 (Year 1)		FY 02/03 (Year 2)		FY 03/04 (Year 3)		FY 04/05 (Year 4)		FY 05/06 (Year 5)		FY06/07 (Year 6)		FY07/08 (Year 7)		FY08/09 (Year 8)		FY09/10 (Year 9)		FY10/11 (Year 10)	
Entity Advance Funding projects shown in bold italic					Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.
Facility Description	Planning Area	Project Cost Per MPU	Priority Value	Notes																				
CLARK COUNTY (Outlying Areas) :																								
Goodsprings - Phase 1 Improvements	Goodsprings	\$500,000	*													0.970								
Muddy River	Moapa Valley	\$22,036,000	*						0.944		0.507		4.010			4.215		10.000				2.270		
Indian Springs Improvements	Indian Springs	\$595,000	*								0.495													
Laughlin Bridge Canyon	Laughlin	\$12,433,000	*								0.436						1.352		6.042		2.250			
Overton Wash Railroad Channel	Moapa Valley	\$15,350,000	*						0.400															
Searchlight - Eastern Portion Improvements	Searchlight	\$702,000	*	Amend 9/9/99											0.352	0.400					1.890		12.708	
Totals per Fiscal Year (x \$1,000,000)						17.215		16.964		14.845		11.886		23.682		23.993		21.975		21.116		24.203		25.360
Clark County (Valley & Outlying) 10-Year Total :					\$201,259,341																			
CITY OF MESQUITE																								
Phase II Bank Protection I-15 to Virgin River	Town Wash	\$2,660,000	*		0.399							2.261												
Earthen Channel I-15 to Virgin River	Abbott Wash	\$2,100,000	*									1.785												
I-15 to Virgin River	Pulsipher Wash	\$1,200,000	*								0.180	1.020												
Totals per Fiscal Year (x \$1,000,000)						0.399		0.000		0.000		5.246		0.000		0.000		0.000		0.000		0.000		0.000
City of Mesquite 10-Year Total :					\$5,645,000																			
BOULDER CITY																								
Buchanan Channel Facilities (GBBC-0062 thru 0148)	Georgia/ Buchanan	\$382,300	*																	0.100	0.400			
Vile Drive Facilities (H-MVL-0028 thru 0064)	Hemenway	\$401,800	*		0.860																			
Industrial Road Facilities (NRIN-0000 thru 0087)	North Railroad	\$4,743,700	*				0.200	0.700		0.850	0.200	0.600		0.400		0.700		0.400	0.100	0.400		0.500		
Railroad Facilities (NRRR-0000 thru 0016)	North Railroad	\$1,325,800	*										0.200	0.400		0.700	0.100	0.200						
Trailhead Facilities (H-MTH-0033 & 0054)	Hemenway	\$198,300	*																0.050	0.300				
Georgia Channel Facilities (GBGR-0000 thru 0099)	Georgia/ Buchanan	\$554,500	*														0.100	0.500						
Lake Mountain Drive Facilities (H-MLM-0000 thru 0085)	Hemenway	\$113,700	*										0.020	0.100										
Hemenway Channel Facilities (H-MWA-0004 thru 0181)	Hemenway	\$1,293,300	*																0.150	0.400	0.200		0.500	
Bootleg Canyon Facilities (NRBL-0091)	North Railroad	\$77,300	*											0.150										
West Airport Facilities (WAAD-0000)	North Railroad	\$431,000	*						0.050	0.250		0.420												
West Airport Facilities (WAGR-0034)	North Railroad	\$102,800	*																					
West Airport Facilities (WACC-0000 thru 0168)	West Airport	\$8,109,800	*					0.100														0.100	0.650	
West Airport Facilities (WADD-0000 thru 0168)	West Airport	\$4,364,700	*																			0.100	0.650	
Totals per Fiscal Year (x \$1,000,000)						0.860		1.000		1.150		1.220		1.270		1.400		1.450		1.450		1.500		1.500
Boulder City 10-Year Total :					\$12,799,947																			
Annual Program Total (x \$1,000,000)					36.104		35.563		50.331		43.370		49.639		52.370		57.632		57.549		61.088		62.710	
Annual Projected Revenue (x \$1,000,000)					35.342		36.315		39.098		41.940		44.915		53.014		59.879		63.372		67.040		70.894	
Annual Programmed is Over/(Under) Projected Revenue (x\$1,000,000)					0.762		(0.752)		11.233		1.430		4.724		(0.644)		(2.247)		(5.823)		(5.952)		(8.184)	
Cumulative Program Total (x \$1,000,000)					36.104		71.667		121.998		165.368		215.007		267.377		325.009		382.558		443.646		506.356	
Cumulative Projected Revenue (x \$1,000,000)					35.342		71.657		110.758		152.696		197.611		250.625		310.504		373.876		440.917		511.811	
Cumulative Programmed is Over/(Under) Projected Revenue (x\$1,000,000)					0.762		0.009		11.242		12.672		17.396		16.752		14.506		8.682		2.730		(5.455)	
10-Year Total 01/02 thru 10/11:					\$506,356,166																			
10-Year Projected Revenue:					\$511,810,734																			

EXHIBIT C

EXHIBIT D

FUNDING SUMMARY

EXHIBIT D

Planning Area/Entity	Programming Percentage	Current Funding		Funding Proposed on 10-Year Program	Board Prioritized Funds on 10-Year Program	Estimated Total Through FY 10/11	Percent of Total	Percent of Total Over (Under) Programmed Amount
		Funding Contracts (a)	Percent of Funding					
Henderson : (Pittman/ C-1)	16.4%	78,116,708	13.4%	\$85,031,000	\$7,880,000	\$163,147,708	15.0%	(1.4%) (\$15,050,861)
Las Vegas: (Central/ Gowan)	23.5%	187,454,020	32.3%	\$69,154,878	\$22,792,878	\$256,608,898	23.6%	0.1% \$675,322
Clark County: (Tropicana-Flamingo/ Duck Cr. - Bl.Diamond/ Outlying)	35.4%	196,189,016	33.8%	\$201,259,341 (b)	\$23,056,000	\$397,448,357	36.6%	1.1% \$12,427,364
North Las Vegas: (Northern LV Wash/ Range/Lower LV Wash)	21.7%	105,110,784	18.1%	\$132,466,000	\$31,908,000	\$237,576,784	21.9%	0.1% \$1,607,310
Boulder City :	2.0%	9,328,276	1.6%	\$12,799,947	\$859,947	\$22,128,223	2.0%	(0.0%) (\$50,904)
Mesquite :	0.9%	4,677,146	0.8%	\$5,645,000	\$0	\$10,322,146	0.9%	0.0% \$391,769
TOTAL	100.0%	\$580,875,950	100.0%	\$506,356,166	\$86,496,825	\$1,087,232,116	100.0%	

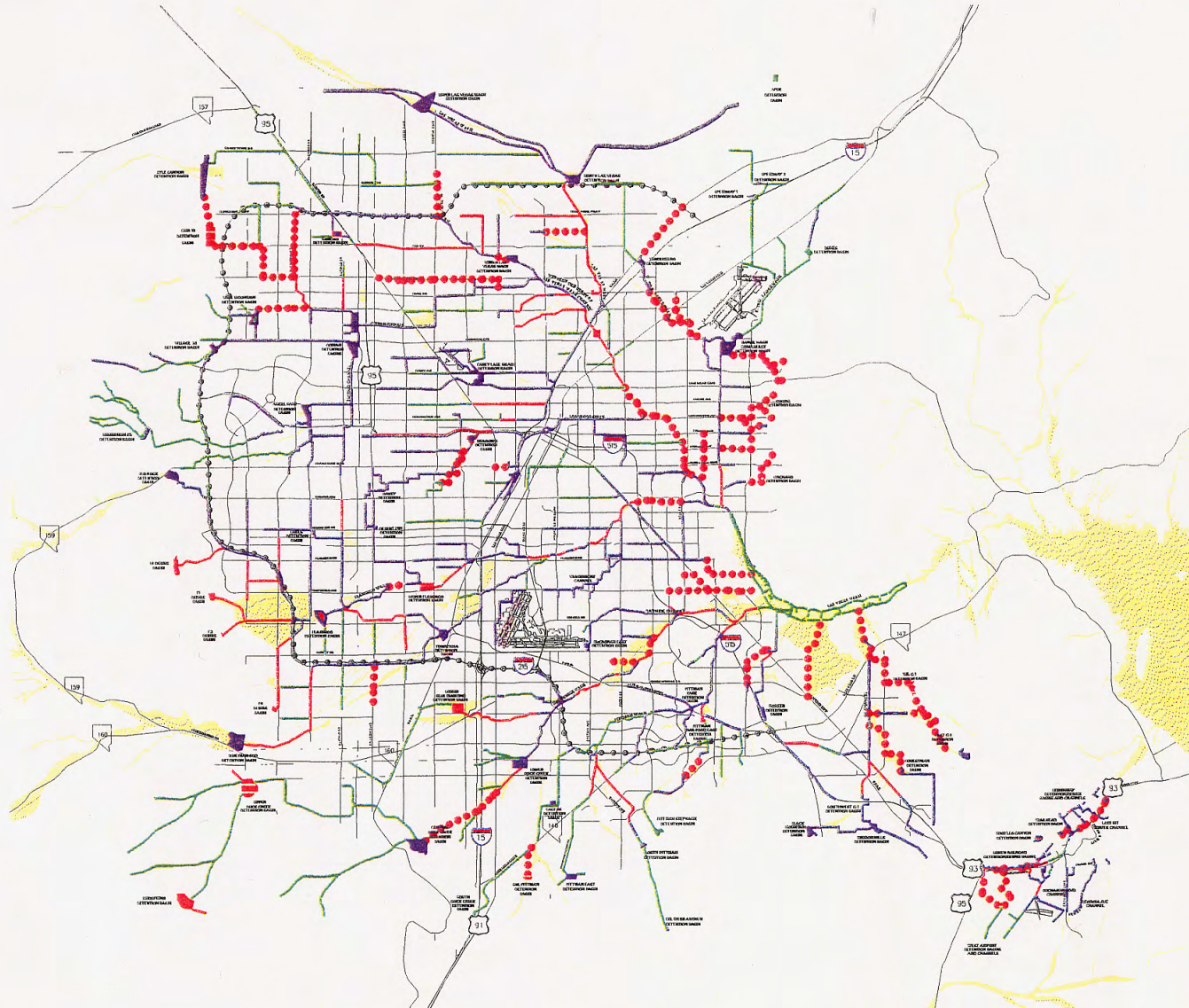
(a) Includes Project Close Outs and Present Interlocal Contracts as of March 8, 2001 and projected through July 1, 2001

(b) Includes \$9,269,341 for COE Trop/Flamingo Project 01/02 thru 04/05

(c) Per Project Priority and Estimated Funding Schedule presented to Board on June 14, 2001

MAPS

LAS VEGAS VALLEY TEN-YEAR CONSTRUCTION PROGRAM



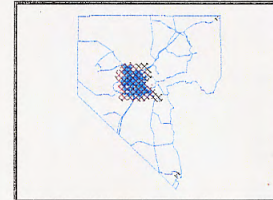
LEGEND

CURVATURE	DATA
COMPLETED & UNDER CONST	
TEN YEAR (FIRST FIVE YRS)	
TEN YEAR (SECOND FIVE YRS)	
PROPOSED	
100-YR FLOOD ZONES	
BELTWAY	

NOTE:
DASHED FACILITIES ARE OUTSIDE OF THE PLANNING AREA

NOTE:
10-Year facilities may include Pre-design Studies or R.O.W. Acquisition.

PLANNING AREA LOCATION KEY



LAS VEGAS METRO AREA

APPROXIMATE SCALE 1:20170

VALCOLLIX

June 2001

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DATA SOURCES:
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CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT
STREET CENTERLINE LAYER,
CLARK COUNTY GIS
MANAGEMENT OFFICE
FLOOD ZONE LAYER,
FEMA

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

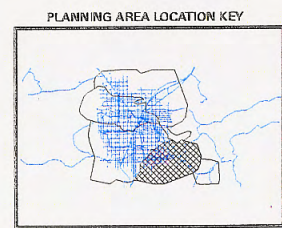


LEGEND

CONSTRUCT	DRAIN
COMPLETED & UNDER CONST	
TEN YEAR (FIRST FIVE YRS)	
TEN YEAR (SECOND FIVE YRS)	
PROPOSED	
	100 YR FLOOD ZONES
	RAILWAY

NOTE: DASHED FACILITIES ARE OUTSIDE OF THE PLANNING AREA

NOTE: 10-Year facilities may include Pre-design Studies or I-I-O-W Acquisition.



LAS VEGAS METRO AREA

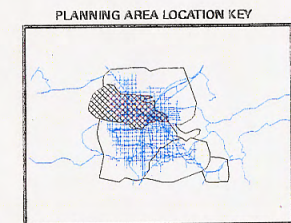
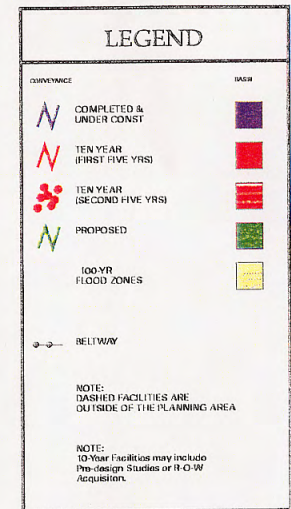
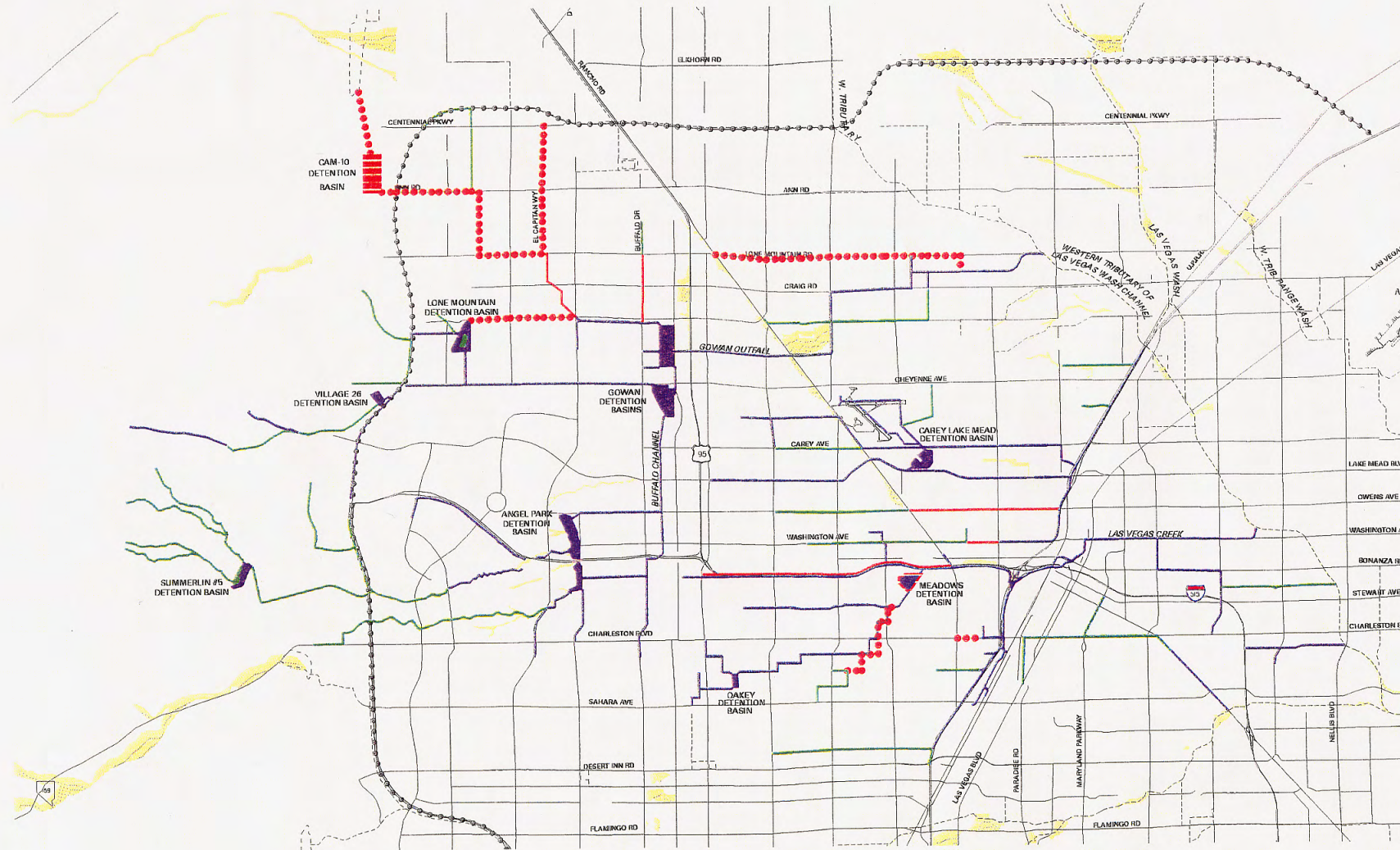
APPROXIMATE SCALE 1:7994
CPCOL11X
June 2001

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GOWAN AND CENTRAL BASIN PLANNING AREA TEN-YEAR CONSTRUCTION PROGRAM



APPROXIMATE SCALE 1:9111

GCCL11X

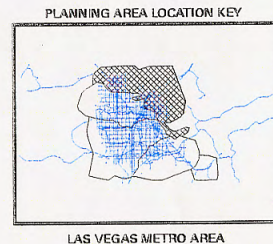
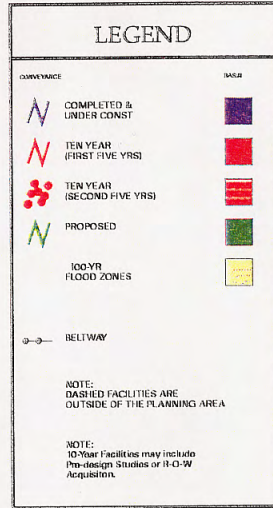
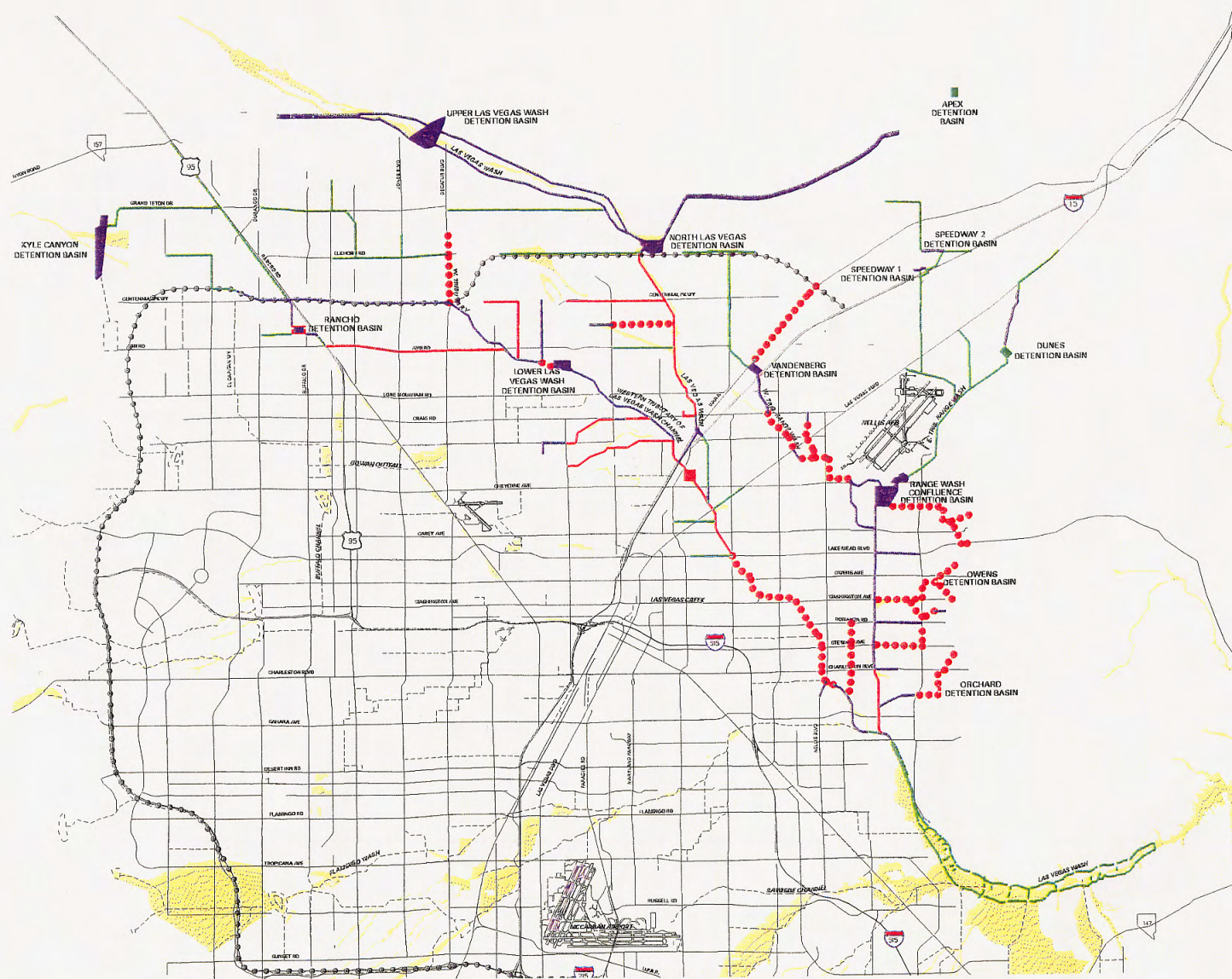
June 2001

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CLARK COUNTY DIS MANAGEMENT OFFICE
FLOOD ZONE LAYER,
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NORTHERN LAS VEGAS, RANGE, AND LOWER LAS VEGAS WASH PLANNING AREA TEN-YEAR CONSTRUCTION PROGRAM



APPROXIMATE SCALE 1:12957

NRLCOL11X

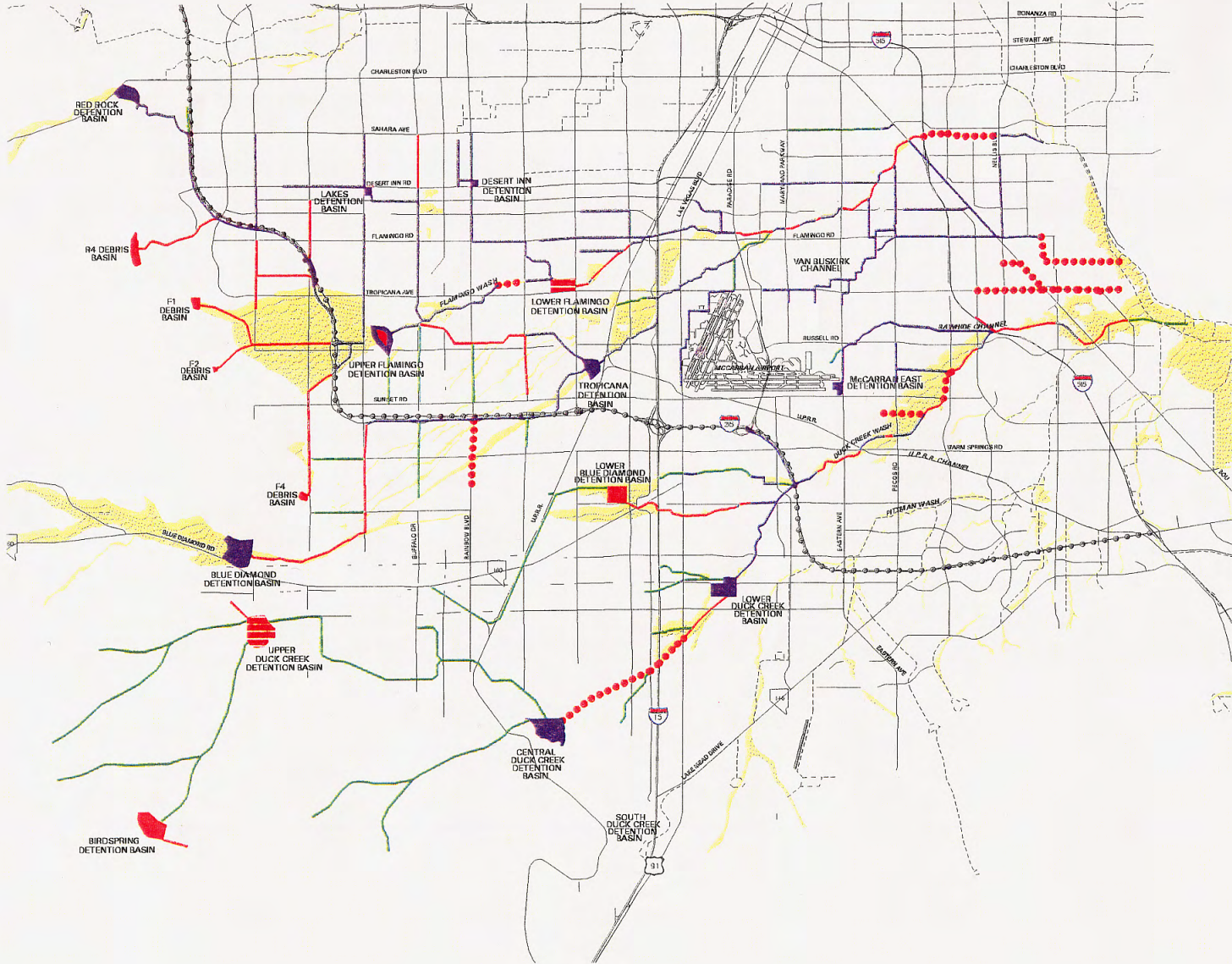
June 2001

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FLAMINGO, TROPICANA, DUCK CREEK, AND BLUE DIAMOND PLANNING AREA TEN-YEAR CONSTRUCTION PROGRAM

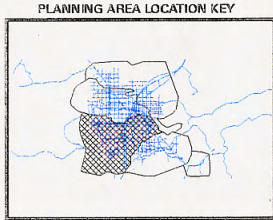


LEGEND

	COMPLETED & UNDER CONST		BASIN
	TEN YEAR (FIRST FIVE YRS)		
	TEN YEAR (SECOND FIVE YRS)		
	PROPOSED		
	100-YR FLOOD ZONES		
	RELIWAY		

NOTE: DASHED FACILITIES ARE OUTSIDE OF THE PLANNING AREA

NOTE: 10 Year Facilities may include Pre-design Studies or R-O-W Acquisition.



LAS VEGAS METRO AREA

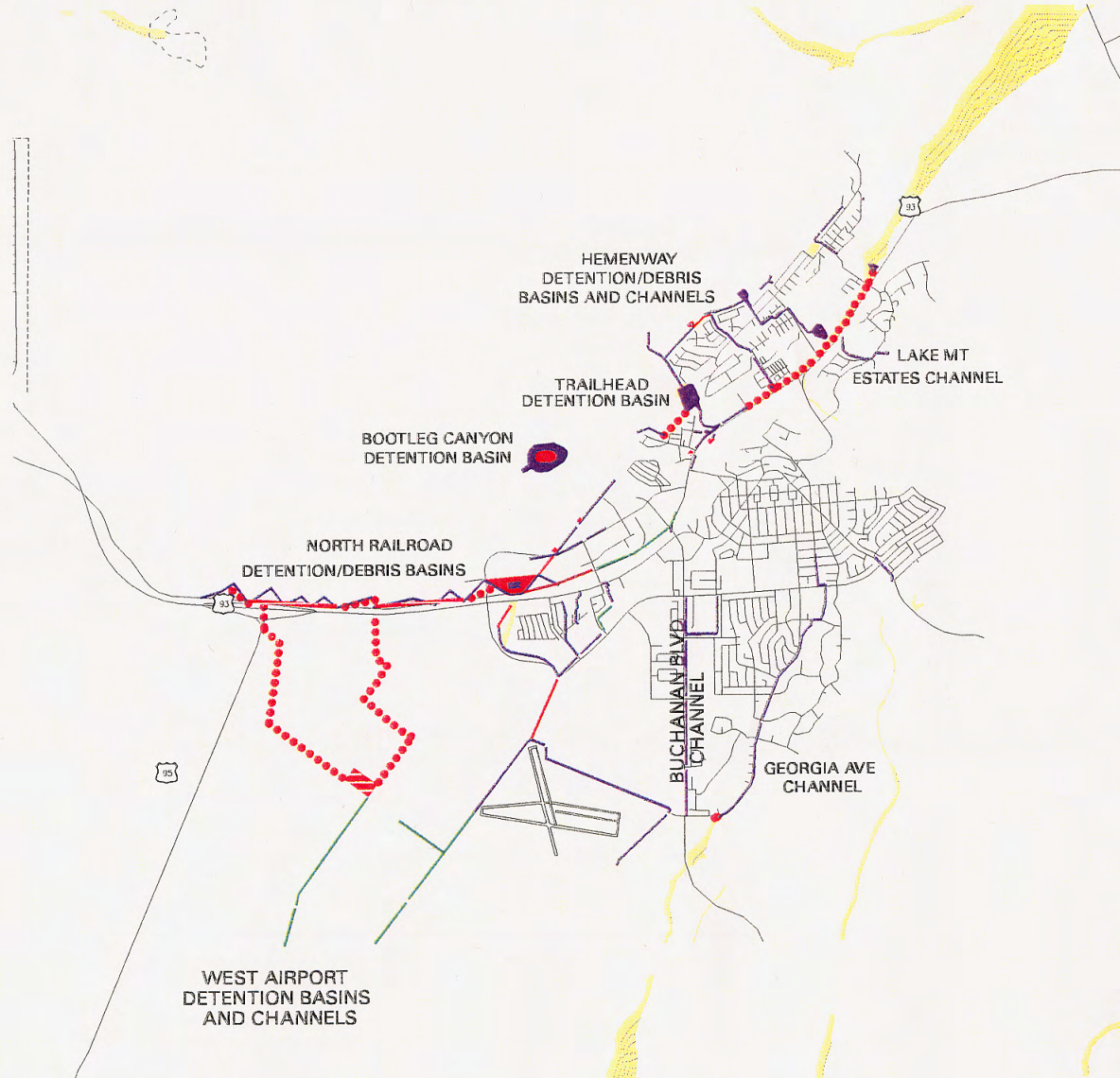
APPROXIMATE SCALE 1:1240
DBFTCOL11X
June 2001

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BOULDER CITY PLANNING AREA TEN-YEAR CONSTRUCTION PROGRAM

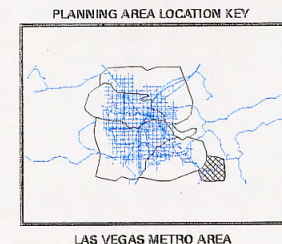


LEGEND

CONSTRUCTION	BASE
COMPLETED & UNDER CONST	PURPLE
TEN YEAR (FIRST FIVE YRS)	RED
TEN YEAR (SECOND FIVE YRS)	GREEN
PROPOSED	YELLOW
100-YR FLOOD ZONES	YELLOW
RIGHTWAY	DASHED LINE

NOTE: DASHED FACILITIES ARE OUTSIDE OF THE PLANNING AREA

NOTE: 10-Year Facilities may include Pre-design Studies or R-O-W Acquisition.



LAS VEGAS METRO AREA

APPROXIMATE SCALE 1:4402

BCCDL11X

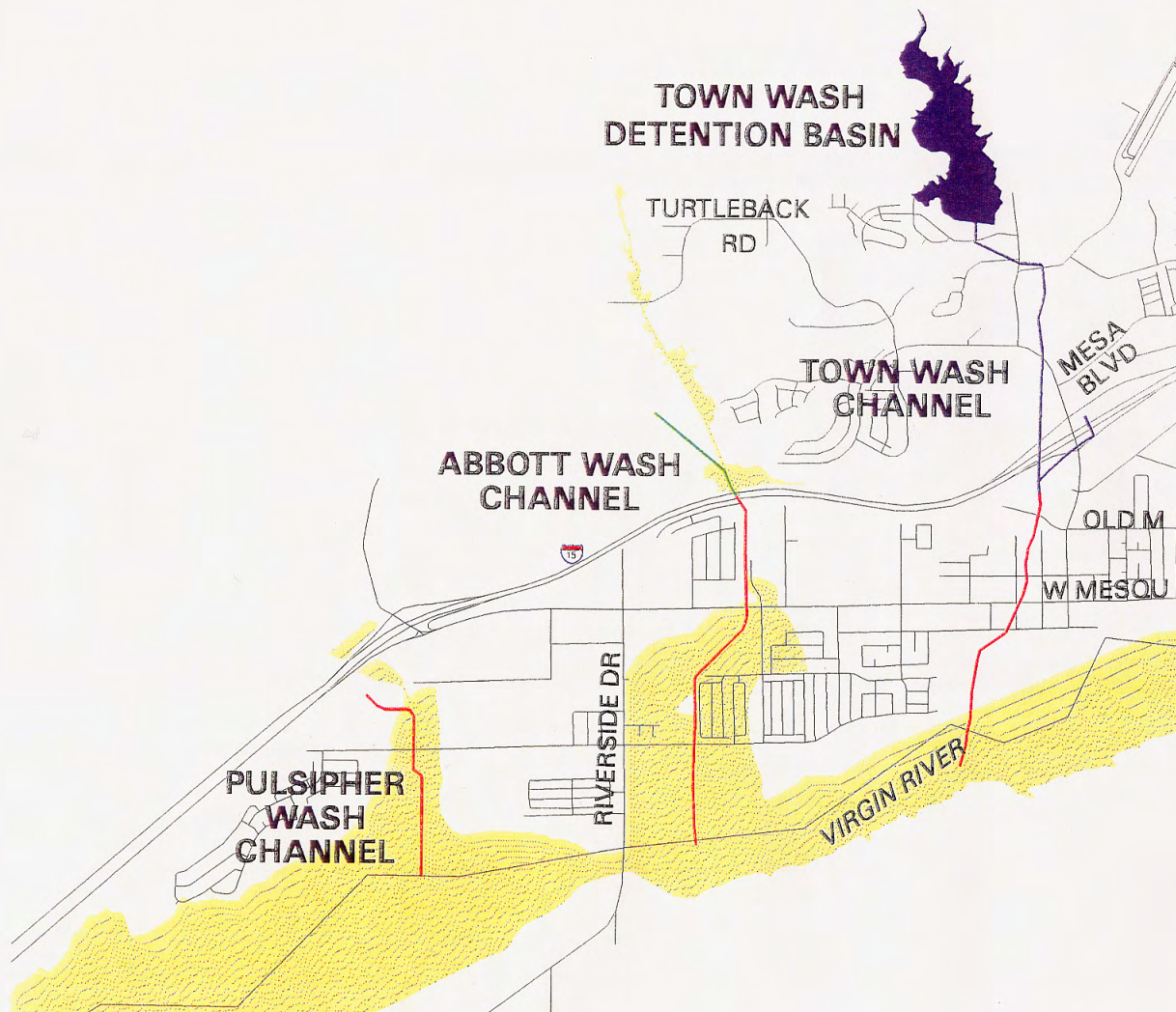
June 2001

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CLARK COUNTY GIS
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MESQUITE PLANNING AREA TEN-YEAR CONSTRUCTION PROGRAM



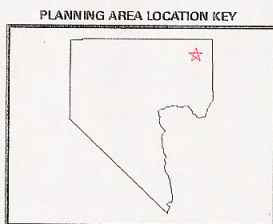
LEGEND

CONSTRUCTION	100 YR FLOOD ZONES
COMPLETED & UNDER CONST.	
TEN YEAR (FIRST FIVE YRS)	
TEN YEAR (SECOND FIVE YRS)	
PROPOSED	
100 YR FLOOD ZONES	

BELTWAY

NOTE:
DASHED FACILITIES ARE OUTSIDE OF THE PLANNING AREA

NOTE:
10 Year facilities may include Pre-design Studies or R.O.W. Acquisition.



CLARK COUNTY, NEVADA

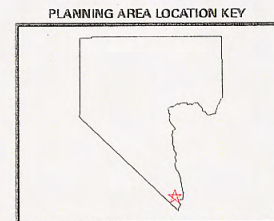
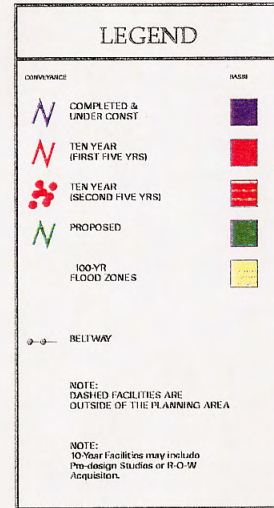
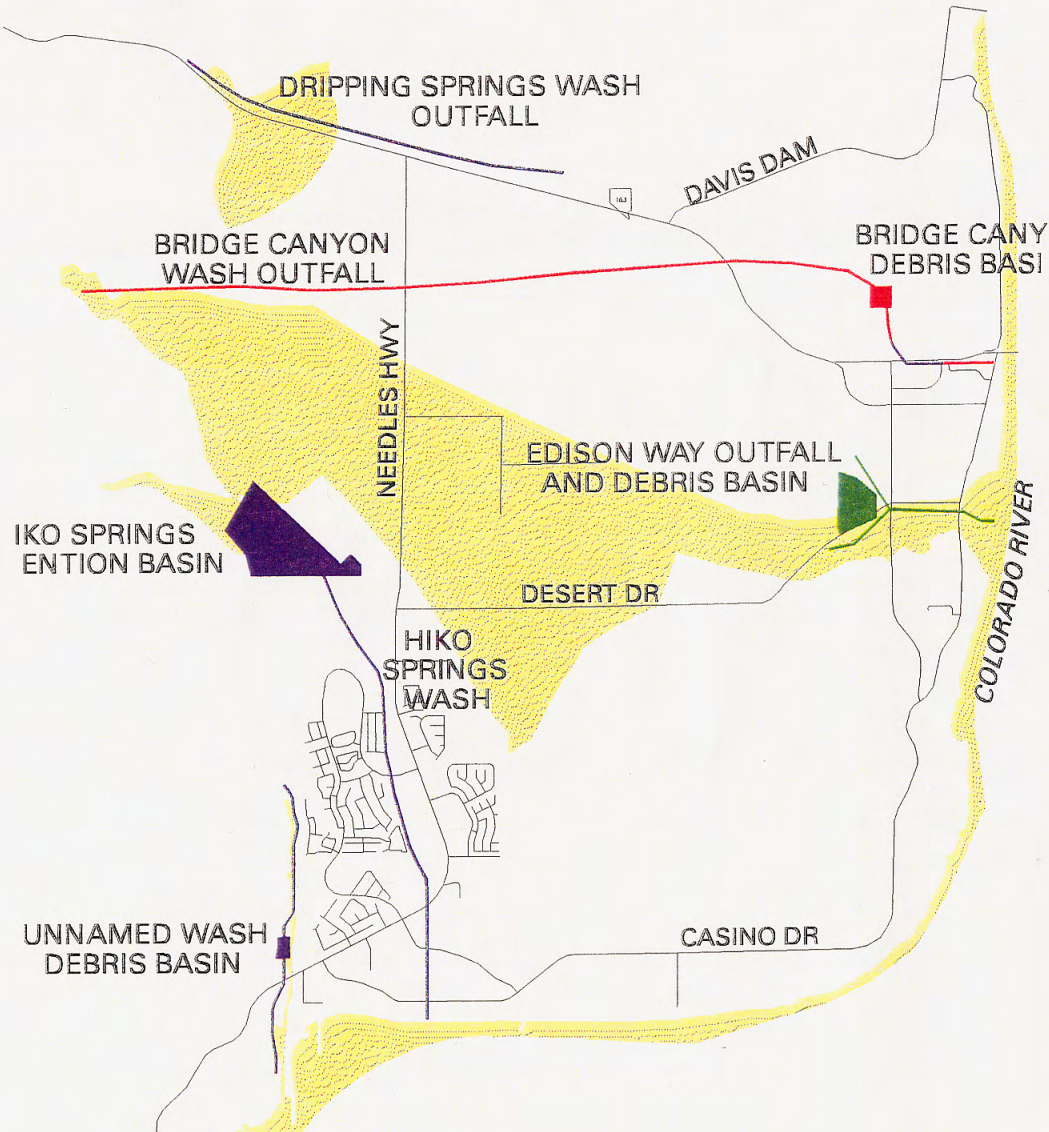
APPROXIMATE SCALE 1:2451
MESOCOLIX
June 2001

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LAUGHLIN PLANNING AREA TEN-YEAR CONSTRUCTION PROGRAM



CLARK COUNTY, NEVADA

APPROXIMATE SCALE 1:3500

LAUCOL11X

June 2001

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