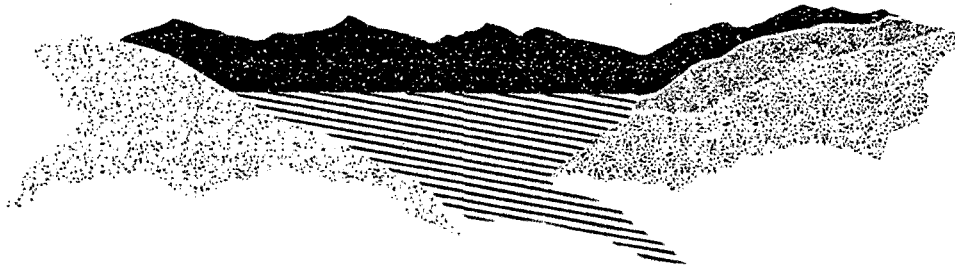


C L A R K C O U N T Y
REGIONAL FLOOD CONTROL DISTRICT



TEN-YEAR CONSTRUCTION PROGRAM

FISCAL YEAR 1999/2000
THROUGH
FISCAL YEAR 2008/2009

A handwritten signature in black ink, appearing to be 'H. Smith', written over a diagonal line.

CLARK COUNTY REGIONAL FLOOD CONTROL DISTRICT

TEN-YEAR CONSTRUCTION PROGRAM

FISCAL YEAR 1999 - 2000

THROUGH

FISCAL YEAR 2008 - 2009

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

ADOPTED JUNE 10, 1999

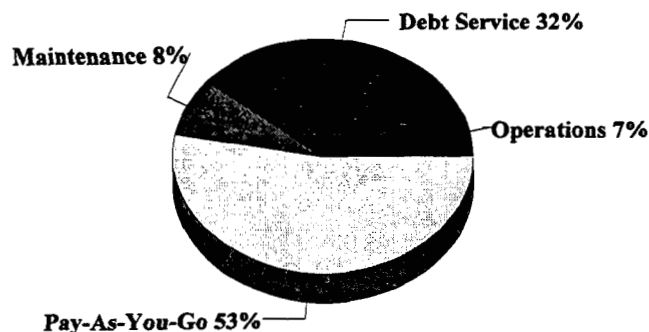
REGIONAL FLOOD CONTROL DISTRICT

Capital Improvement Plan

Typical Annual Expenditures

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 and a list of projects to be funded

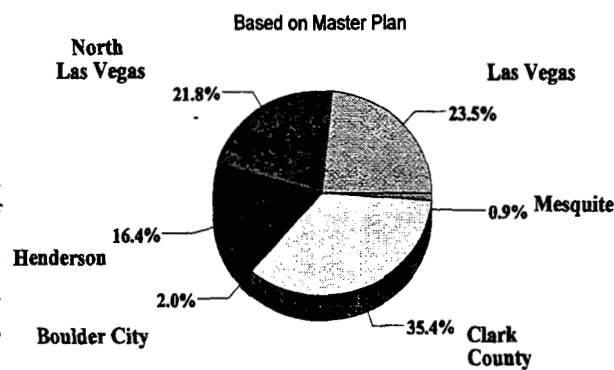
by any bond issue. The fiscal year project list and any bond project list, after approval by the Board, constitute the Capital Improvement Program for the District in the ensuing fiscal year. The fiscal year project list, the bond list, and the updated 10-Year Construction Program presented in this document were approved on June 10, 1999, for fiscal year 1999-00. Board approval of the 10-Year Construction Program and the fiscal year project list do not authorize funding of any project and does not commit the District to expend any funds.



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 \$407,330,745. 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 5%. This amount 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 above.

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.

Prorated Share of Funding



REGIONAL FLOOD CONTROL DISTRICT

The most recent are the Master Plan Updates of the Outlying Areas of Clark County and the Town of Laughlin adopted as an amendment 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 here 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 equal implementation of flood control infrastructure within each hydrographic area over time.

Since May 1987, the date the first 1/4% sales tax revenues were received, through the end of June 1998, the District has funded projects totaling approximately \$488,524,228 (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 1998 respectively.

REGIONAL FLOOD CONTROL DISTRICT

Project Prioritization

Annually, during review and development of the 10-Year Construction 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 2.5 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 flood plain 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

REGIONAL FLOOD CONTROL DISTRICT

shall include but are not limited to land donated by private developers and the Bureau of Land Management.

- g) **Interrelationship to Other Projects**
Projects which score high on this criterion can function independently or are needed to complete or increase the effectiveness of the existing regional and local drainage system.
- h) **Timing and Implementation**
All aspects of timing and implementation should be considered under this item including availability of right-of-way, permit review if necessary, and ability to administer and begin a project in a reasonable time-frame.
- i) **Environmental Enhancement**
Evaluation of this criterion includes benefits derived from improving or mitigating the threat to public health resulting from stagnant water, erosion, raw sewage spills, and contamination of the domestic water supply. It also includes, if applicable, information on the project's enhancement of habitat, recreational opportunities, and water quality.
- j) **Annual Maintenance Cost**
Projects which will rank high on this criterion have a lower maintenance cost than those facilities now in existence or will reduce maintenance costs downstream.

Priority values are calculated by each lead entity within their respective hydrographic areas. It should be noted that priority values may not necessarily be relative from one hydrographic area to another.

REGIONAL FLOOD CONTROL DISTRICT

10-Year Construction Program

The proposed 10-Year Construction Program which totals \$410,291,000 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 31% or roughly 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 C-1 Channel and Pittman Wash Planning Areas

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:

Bridges over Pittman Wash

At Warm Springs Road, Stephanie Street and Green Valley Parkway

Pittman Wash

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

Union Pacific Railroad Channel

From Pittman Wash to Eastern Avenue

Mission Hills Detention Basin

C-1 Channel

From Lake Mead to Burkholder

Equestrian Detention Basin and Collection Channel

Mission Hills West Interceptor

From Pacific Avenue to the Mission Hills Detention Basin

Pittman Park Detention Basin

A joint use facility

Southwest C-1 Detention Basin

Located at the base of Black Mountain

REGIONAL FLOOD CONTROL DISTRICT

East C-1 Detention Basin

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

Pioneer Outfall Phase 1

From Warmsprings to Sunset

South Pittman Detention Basin

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

District funding since 1987 for the projects plus design efforts on future projects total approximately \$59,190,500. The projects proposed on the 10-Year Construction Program in order of Priority Value (PV) include the following:

Pioneer Detention Basin (PV=92.5)

PTVW - 0000 thru 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 U.S. 515. Funds for right-of-way acquisition are programmed in FY 99-00 with further design occurring in FY 02-03 and construction occurring in FY 02-03 through FY 03-04. The amount programmed for this flood control facility is \$9.7 million.

Pittman Pecos West Conveyance (PV=87.5)

PTPW - 0000 thru 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 and construction are programmed in FY 01-02. The 10-Year Construction Program includes approximately \$1.1 million for this project.

Pittman Eastern Detention Basin (PV=88.0)

PTEA - 0439 - This detention basin is located immediately upstream of the Henderson Executive Air Terminal. Design is being completed by the Airport Authority and construction is programmed in FY 99-00. The 10-Year Construction Program includes approximately \$4.0 million for this project.

Pittman Eastern Avenue Tributary (PV=84.0)

PTEA - 0000 - This channel extends from Lake Mead Drive to the Beltway. Design is programmed in FY01-02 with construction following in FY 02-03. The 10-Year Construction Program includes approximately \$3.7 million for this project.

Railroad East Detention Basin (PV=84.0)

REGIONAL FLOOD CONTROL DISTRICT

PTRE - 0000 thru 0070 - This detention basin is located on a tributary to the Pittman Wash, south of the UPRR. Design is nearing completion and right-of-way acquisition will commence this year. Construction in the amount of \$8.3 is programmed in FY04-05.

C-1 Channel - Middle Reach (Burkholder to RR)(PV=84.0)

C1CH - 0412 thru 0578 - The construction of the improvements to the middle reach of the C-1 Channel is programmed in FY 00-01. Funding programmed for this flood control facility totals approximately \$4.4 million.

C-1 Channel Upper Reach (PV=83.0)

C1CH - 0579 thru 0635 - This reach extends from the UPRR to the NDOT Detention Basins. Construction is programmed in FY 00-01. The 10-Year Construction Program includes approximately \$1.3 million for this project.

Pittman Wash Railroad Channel (PV=81.5)

PTRR - 0035 - This channel extends northeast from the Vandenberg detention basin along the UPRR. Design is programmed in FY01-02 and construction is programmed in FY02-03. The 10-Year Construction Program includes approximately \$3.9 million for this project.

Gibson Conveyance (PV=80.5)

PTGB - 0057 thru 0208 - This channel parallels Gibson Road from Warm Springs to Sunset then turns northeast to Boulder Highway. Design is programmed in FY 01-02. Construction is programmed in FY 01-02 through FY 03-04. The 10-Year Construction Program includes approximately \$4.8 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 and construction are programmed in FY 01-02. The 10-Year Construction Program includes approximately \$2.4 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

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

C1IT - 0199 thru 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. A right-of-way grant is presently being pursued by the City of Henderson through the Bureau of Land Management and the Bureau of Reclamation. Design is programmed in FY 05-06 with construction programmed in FY 05-06 through FY 06-07. The total amount programmed for this flood control facility is approximately \$7.4 million.

Northeast C-1 Outfall (PV=77.5)

C1IT - 0000 thru 0127 - The outfall will convey flow from the detention basin to the C-1 Channel. Design and construction is programmed in FY 05-06 with additional construction following in FY 06-07. The total programmed for this flood control facility is approximately \$4.6 million.

Drake Channel (PV=73.0)

C1DC - 0000 thru 0123 - This channel is tributary to the C-1 Channel along the Drake Street alignment. Design is programmed in FY 04-05 with construction following in FY 05-06. The 10-Year Construction Program includes approximately \$1.1 million for this project.

Equestrian Basin Outfall (PV=66.0)

C1EQ - 0000 thru 0180 - This is the outfall from the Equestrian Detention Basin which outlets to the C-1 Channel. Design and right-of-way engineering is programmed in FY 05-06 with construction in FY 06-07. The 10-Year Construction Program includes approximately \$4.7 million for this project.

S.W. Pittman Detention Basin and Outfall (PV=48.0)

PTWA - 0983 thru 0990 - This detention basin is located east of the I-15/Lake Mead interchange. Design, right-of-way engineering and initial construction dollars are programmed in FY 07-08 with additional construction programmed in FY 08-09. The 10-Year Construction Program includes approximately \$15.2 million for this project.

Stephanie Channel Lower Reach (PV=40.5)

PTDC 0000-0014 This is the reach of the Pittman Channel extending from Boulder Highway to Interstate 515 near Stephanie Street. Design and construction in the amount of \$3.2 million are programmed in FY09-09.

REGIONAL FLOOD CONTROL DISTRICT

C-1 Channel Lower Reach (PV=37.5)

C1Ch 0000-0142 This reach of the C-1 Channel extends from its confluence with the Las Vegas Wash up to Lake Mead Boulevard. Design and construction in the amount of \$4.6 million are programmed for FY08-09.

The funding programmed for the C-1 Channel and Pittman Wash Planning Areas in Henderson totals approximately **\$84.4** million on the 10 year Construction Program.

REGIONAL FLOOD CONTROL DISTRICT

Las Vegas Central Basin Planning Area and Gowan Planning Area

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:

Meadows Detention Basin and Collection System

Durango Drive Storm drain

Between Charleston Boulevard and Angel Park Detention Basin

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

Gowan Detention Basins

Gowan Detention Basin Outfall

Storm drain located in Gowan Road between Tenaya Way and Decatur Boulevard

Gowan Outfall project

From Decatur Boulevard to the Western Tributary of the Las Vegas Wash; Lead Agency North Las Vegas

Carey Avenue/Lake Mead Detention Basin and Conveyance System

Located along Lake Mead Boulevard between I-15 and Michael Way

Oakey Boulevard Detention Basin and Outfall

REGIONAL FLOOD CONTROL DISTRICT

I-15 Freeway Channel

Portion constructed as part of NDOT's I-15/Sahara Avenue Interchange project in 1995. Bond funds have been set aside for the reach from Alta to Wall including the Bypass System.

Washington Avenue System

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

Alta Storm drain

Part of the Meadows Detention Basin Collection System

Cheyenne Crossings

Developer participation project at Rampart, Soft Breezes and Soaring Gulls

Rampart Storm drain

Project in conjunction with RTC

Cheyenne Channel

Gowan South Detention Basin to Buffalo Drive

Lone Mountain Detention Basin

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

Angel Park Detention Basin Expansion

Gowan North Channel - Phases I & II

Northern Gowan Detention Basin to Durango including the Durango Branch (under construction)

Colorado Avenue System

(Under construction)

District funding since 1987 for the projects plus design efforts on future projects totals approximately \$162,817,500.

REGIONAL FLOOD CONTROL DISTRICT

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

Freeway Channel - Alta to Desert Inn (PV=116.5)

FW15 - 0000 thru 0301 - This is the key system intended to solve the flooding of the Charleston Underpass. Bond funds (1998) for the majority of the project in the amount of \$28 million have been set aside with construction slated to begin in the fall of 1999. Design and construction of less critical reaches and appurtenances are programmed in FY 08-09. The 10-Year Construction Program includes \$4.9 million for this project.

Gowan North

Buffalo, Tenaya and Upper Gowan Branches (PV=106.5)

GOBU, GOTE, GOOF - 0775 - Construction for these storm drains tributary to the Gowan North Channel is programmed in FY 99-00. It is expected that these funds will be coupled with RTC funds to oversize the RTC storm drains on regional alignments. The 10-Year Construction Program includes \$3.0 million for this project.

Washington Ave. System I-15 to Martin Luther King (PV=105.5)

LV15 - 0229 thru 0339 - This Storm drain discharges to the existing I-15 channel directing flow to the Las Vegas Wash. Construction funds are programmed in FY 99-00. The 10-Year Construction Program includes \$1.4 million for this project.

Gowan North El Capitan Branch (PV=103.5)

GOEC - 0000 thru 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 03-04 and construction is programmed in FY05-06. The 10-Year Construction Program includes \$4.2 million for this project.

Las Vegas Wash Rancho (PV=103.0)

LVRA - 0000 thru 0091 - This system intercepts flow along the west side of Rancho Drive in the vicinity of the North Las Vegas Air Terminal for discharge to the Lake Mead storm drain. Construction is programmed in FY 01-02. The 10-Year Construction Program includes \$2.4 million for this project.

REGIONAL FLOOD CONTROL DISTRICT

Meadows Detention Basin & Outfall (PV=101.5)

LCME GOSO 0051 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 in the amount of \$0.3 million is scheduled for FY 03-04 and construction in the amount of \$1.3 million scheduled for FY 06-07. The total amount programmed for this facility is \$1.6 million.

Owens Avenue System (PV=99.5)

LVOW - 0000 thru 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, thereby limiting District funding to the over sizing of the storm drain. Construction is programmed in FY 00-01. Total funding programmed for this flood control facility is approximately \$3.0 million.

Gowan Outfall Lone Mountain Branch (PV=97.5)

GOLO - 0000 thru 0076 - This storm drain is tributary to the Gowan Outfall at Clayton Street. Construction of an initial phase appears in FY 99-00. Design of subsequent phases appears in FY 06-07 with construction in FY07-08 and FY08-09. The 10-Year Construction Program includes \$7.8 million for this project.

Lone Mountain Outfall to Durango (PV=94.0)

GOLM - 0000 thru 0101 - This is the outfall from the Lone Mountain Detention Basin. Construction is programmed in FY 02-03. The 10-Year Construction Program includes \$1.6 million for this project.

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

GONO - 0009 thru 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 to Durango at Alexander is under way. Design from Durango at Alexander to Lone Mountain is under way with construction programmed in FY 04-05. Total funding programmed for this flood control facility is approximately \$3.8 million.

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

GONO - 0243 thru 0589 - This completes the Gowan North main line. Design of an initial phase is programmed in FY 06-07 with construction in the following year. Design and construction of a subsequent phase appears in FY 08-09. The 10- Year Construction Program includes \$13.4 million for this project.

Gowan Outfall - Craig to Channel (PV=96.0)

GOOF - 0198 - This is a section of storm drain beneath Simmons extending from Craig to the Gowan Outfall Channel. Design is programmed in FY 99-00 with construction in the

REGIONAL FLOOD CONTROL DISTRICT

following year. Approximately \$0.8 million is included on the 10-Year Construction Program for this project.

Las Vegas Creek Channel - Parallel System (PV=93.0)

LCCP 0000 - 0286 This system increases capacity along the U.S.95 from Rancho to Rainbow with a parallel system. Construction programmed in FY 05-06. Total amount programmed for the system is \$3.0 million.

Las Vegas Wash - Smoke Ranch (PV=93.0)

LVSF - 0552 - This is a section of storm drain beneath Peak extending from Torrey Pines to Jones. Construction in FY 01-02. Approximately \$0.8 million is included on the 10-Year Construction Program for this project.

Gowan South Detention Basin Expansion (PV=90.5)

GOSO - 0051 - Expansion of the detention basin at Tenaya and Cheyenne was identified as necessary during the update of the Master Plan of the Las Vegas Valley. Design is underway with construction programmed in FY 06-07. Approximately \$1.5 million is included on the 10-Year Construction Program for this project.

The Central Basin and Gowan Planning Areas (Las Vegas) of the 10-Year Construction Program total \$53.1 million.

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 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:

Western Tributary of the Las Vegas Wash

From Alexander Road to north of Craig Road

Las Vegas Wash Improvements and King Charles Diversion project

From I-15 to Craig Road

West Range Wash Diversion Dike

Camino Al Norte Crossing

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

Upper Las Vegas Wash Detention Basin and Diversion Dike

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

Kyle Canyon Detention Basin

Confluence Detention Basin

NAFB Golf Course Channel (complete); Detention Basin (complete) Clark County
Lead Agency

Sloan Channel

(Range Wash) Stewart to Owens complete, Charleston to Stewart under construction;
Clark County Lead Agency

Lower Las Vegas Wash Detention Basin

Western Tributary to the Las Vegas Wash

Camino Al Norte to Centennial Parkway (under construction)

Vandenberg Detention Basin

REGIONAL FLOOD CONTROL DISTRICT

District funds since 1987 for the projects plus design efforts on future projects total approximately \$96,608,000.

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

Las Vegas Wash Main Branch (PV=97.5)

LVMD - 1421 thru 1534 - This channel reach extends from Lake Mead Boulevard to the "N" Channel. Design and construction are phased with funds programmed throughout the 10 years of this construction program. The total amount included on the 10-Year Construction Program is approximately \$16.5 million.

Las Vegas Wash Main Branch (PV=95.0)

LVMD - 1535 thru 1680 - This channel reach extends from the "N" Channel to Alexander including the Cheyenne Detention Basin added to the Master Plan by amendment dated February 11, 1999. Design, right-of-way acquisition and construction are programmed in FY 09-00. The total amount included on the 10-Year Construction Program is approximately \$5.0 million.

A-Channel - Craig Confluence (PV=94.5)

LV06 - 0000 thru 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. Design and construction are programmed in FY 99-00 with additional construction in FY 00-01. The total amount programmed for this flood control facility is approximately \$3.6 million.

Las Vegas Wash - Lossee (PV=94.5)

LVLO - This storm drain collects flow in Lossee and conveys it beneath Craig to the Las Vegas Wash. Design is programmed in FY 01-02 with construction in FY 02-03 and FY 03-04. The total amount programmed for this flood control facility is approximately \$1.8 million.

Ann Road System (PV=94.0)

ANWE - 0000 thru 0361 - This system provides the outfall for the Rancho Detention Basin and extends from Rancho Drive to Allen Lane at the confluence with the Western Tributary to the Las Vegas Wash. Design is programmed in FY 99-00 with construction in the following two years. The total amount included on the 10-Year Construction Program is approximately \$5.4 million.

Simmons Street Channel (PV=92.5)

REGIONAL FLOOD CONTROL DISTRICT

LVSM - 0000 thru 0168 - This is a channel within the Simmons 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. Design is programmed in FY 00-01. Construction is programmed for FY 02-03 and FY 04-05. The total amount included on the 10-Year Construction Program is approximately \$5.3 million.

West Range Wash Channel Las Vegas Structure (PV=91.5)

RWSL - 0576 thru 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 phased over FY 07-08 and FY 08-09. The total amount included on the 10-Year Construction Program is approximately \$3.7 million.

Owens Detention Basin and Outfall (PV=88.5)

SLWA - 0000 thru 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 and right-of-way is programmed in FY 01-12 and construction is in FY03-04. The total amount programmed for this flood control facility is approximately \$3.9 million.

Range Wash Railroad Channel (PV= 87.5) - This channel discharges to the Vandenberg Detention Basin collecting flow from the northeast along the UPRR. Design is programmed in FY 02-03 with construction in FY 05-06. Total amount programmed for this flood control facility if \$4.9 million.

Upper Las Vegas Wash (PV=85.5)

LVUP - 0000 thru 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 proposed Beltway (Elkhorn) to Craig Road. Pre-design and right-of-way is programmed in FY 00-01. Final design and construction are phase over FY00-01 through FY 07-08. The total amount programmed for this flood control facility is approximately \$13.1 million.

Orchard Detention Basin (PV=81.0)

SLOR 0085 thru 0710 - This is another of the Sunrise Mountain detention basins. It will help address chronic flooding within Clark County in this vicinity. Design is programmed for FY 00-01 with construction in FY 06-07. The total amount programmed on the 10-Year Construction program is \$3.7 million.

Rancho Drive System (PV=81.0)

RCHO - 0000 thru 0097 - This channel is the U.S. 95 collection system at Centennial for the Rancho Detention Basin. Construction funds appear in FY 01-02 to be coordinated with the U.S. 95/Beltway interchange at Centennial. The total amount programmed for this flood control facility is approximately \$1.6 million.

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Washington System (PV=79.5)

SLWA - 0158, SLOW, SLER - These features are collection systems for the Owens Detention Basin and outfall. Design is programmed in FY 99-00 and construction follows in FY 00-01. Additional design and construction are programmed for FY 06-07, FY 07-08 and FY 08-09. The amount programmed for this flood control facility is approximately \$3.0 million.

Western Tributary Range Wash (PV=79.0)

SLEB - 0000 thru 0046, RWWE - 0000 thru 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 05-06. Construction will take place in FY 06-07 according to the plan. The total amount programmed for this flood control facility is approximately \$4.3 million.

Lower Las Vegas Wash - Main Branch Lake Mead to Vegas Valley (PV=74.0)

LVMD - 1032-1355 Design is programmed in FY08-09 in the amount of \$0.7 million.

Sloan Channel (PV=93.0)

RWSL - 0000 thru 0135 - This is the final reach of the channel from Charleston to the Las Vegas Wash. Final design and right-of-way is programmed in FY 00-01. Construction will follow in FY 01-02 and FY 02-03. The total amount programmed for this flood control facility is approximately \$4.3 million.

Northern Las Vegas Wash Tributary to West Tributary at Alexander (PV=67.5)

LV05 - 0000 thru 0131 Design and Right-of-way is programmed in FY 03-04 with construction following in FY 05-06. The total amount programmed for this facility is approximately \$4.4 million.

Range Wash Christy Lateral (PV=68.0)

LVCH - 0000 thru 0114 This storm drain collects flow in Christy lane starting at Bonanza and delivers it to the Las Vegas Wash south of Charleston. Design is programmed in FY 06-07. Construction is programmed in FY 08-09. The total amount programmed for this facility is approximately \$2.9 million.

Alto and Lake Mead Conveyances (PV=68.0)

RWAL, RWLM - These channels provide a collection of runoff for conveyance to the Range Wash Confluence Detention Basin. Design is programmed in FY 08-09.

Las Vegas Wash - Decatur (PV=63.5)

LVMD 2324, LVDE 0000 Construction is programmed in FY 03-04 with construction following in FY 04-05 and FY 06-07. Total amount programmed for this facility is approximately \$4.8 million.

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Stewart Avenue conveyance (PV=63.0)

SLST 0000 THRU 0104 This system collects flow from Stewart and Hollywood and directs it to the Sloan Channel. Design and Construction are programmed in FY07-08 in the amount of \$3.0 million.

Tropical Road Channel East (PV=54.0)

TREA - 0000 This storm drain directs flow in Tropical Parkway east to the Upper Las Vegas Wash. Design and Construction are programmed for FY08-09 in the amount of \$1.5

The Northern Las Vegas Wash, Range Wash and Lower Las Vegas Wash Planning Areas (North Las Vegas) of the 10-Year Construction Program total approximately \$97.9 million.

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:

Upper Flamingo Detention Basin and Outfall

Rawhide Channel System

Van Buskirk Channel System

Winnick Avenue Improvements
On the Flamingo Wash

Tomiyasu and La Casita crossings of Duck Creek

Flamingo Wash Bridges
Arville, Eastern, Paradise, Palos Verdes

Red Rock Detention Basin Expansion

Tropicana Detention Basin

Lower Duck Creek Detention Basin
(under construction)

Lakes Detention Basin, Collection and Outfall System
(under construction)

Tropicana Outlet Channel
Outlet from Tropicana Detention Basin (under construction)

Blue Diamond and Red Rock Channels
(under construction)

REGIONAL FLOOD CONTROL DISTRICT

Lower Blue Diamond Channel

(under construction)

Durango Collector

(under construction)

Tropicana Channel

Paradise to Koval (under construction)

Desert Inn Detention Basin

(under construction)

Outlying Areas:

Cooper Crossing in Moapa Valley

Logan (Benson) Wash Improvements in Moapa Valley

Unnamed Wash Improvements in Laughlin

Searchlight

Hiko Springs Detention Basin (SID and District funded)

Goodsprings (design complete)

Hiko Springs Outfall Channel

District funding since 1987 for the projects plus design efforts of future projects total approximately \$156,469,600.

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 program includes approximately \$25.6 million within the first 8 years of the program to make up the local share at 25% to match the COE funding at 75%. The project includes the Tropicana and Blue Diamond Detention Basins; enlargement of the Red Rock and Upper Flamingo Detention Basins; four foothill debris basins; and the 27 miles of primary connecting channel network.

Buffalo, Spring Mtn. & D.I. Drains, Lakes Det. Basin (PV=105.5)

REGIONAL FLOOD CONTROL DISTRICT

FLBF, FLSM, FLDI - This system provides the Lakes Detention Basin at Desert Inn and Durango, the collection and outfall to the Flamingo Wash. Construction of the detention basin and portions of the collection system and outfall are underway. Construction of a later phase of the collection system is programmed in FY 01-02. The total included on this 10-Year Construction Program for this project is \$2.2 million.

Flamingo Wash Swenson to Lower Flamingo Det. Basin (PV=98.5)

FLWA - 0648 thru 1049 - This is the channelization of the Flamingo Wash from the Tropicana Wash confluence up to Decatur. Design and right-of-way are programmed in FY 99-00 and FY 00-01. Construction is programmed in FY 01-02 and FY 02-03. The total included on this 10-Year Construction Program for this project is \$4.4 million.

Flamingo Wash McLeod to Maryland Parkway (PV=95.0)

FLWA - 0400 thru 0593 - Construction for these wash improvements is programmed in FY 03-04 and FY 04-05. Approximately \$4.8 million is included in the 10-Year Construction Program for this project.

Land Acquisition Duck Creek/Blue Diamond Det. Basins (PV=95.0)

DCWA - 1658, 2261 & 2668; DCBD - 0282 - This provides early acquisition of land for the Upper and Central Duck Creek Detention Basins; Lower Blue Diamond and Bird Springs Detention Basins. Pre-design is under way. Land acquisition dollars are provided in FY 99-00 through FY 01-02. The total included on this 10-Year Construction Program for this project is \$1.8 million.

Flamingo Wash McLeod to Maryland Parkway (PV=95.0)

FLWA - 0400 thru 0593 - Design for these wash improvements is programmed in FY 99-00. Construction is programmed in FY 02-03 and FY 03-04. Approximately \$4.9 million is included in the 10-Year Construction Program for this project.

Red Rock Channel Naples Branch (PV=93.0)

RRNA This is a collector to the Red Rock Channel at Naples. Design will begin in FY 99-00 with construction following in FY 00-01. The total amount programmed is \$2.4 million.

Red Rock Fort Apache Collector (PV =92.0)

RRFA This is a collector to the Red Rock Channel at Fort Apache. Design will begin in FY 07-08 with construction following in FY 08-09. The total amount programmed is \$2.9 million.

REGIONAL FLOOD CONTROL DISTRICT

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

FLWA 1050 thru 1376 Design will begin in FY 07-08 with construction following in FY 08-09. The total amount programmed is \$3.3 million.

Duck Creek Boulder Highway to Stephanie (PV=88.0)

DCWA - 0251 thru 0340 - Design and right-of-way engineering for these channel improvements is underway. Right-of-way acquisition and construction is phased over FY 99-00 and FY 00-01. Approximately \$5.2 million is included in the 10-Year Construction Program for this project.

Las Vegas Wash Branch 01 (PV=87.5)

LV01 - 0000 thru 0118 - This is the system that drains along Tropicana Avenue from Boulder Highway to the Lower Las Vegas Wash. Design is programmed in FY 03-04 with construction in FY05-06. Approximately \$4.5 million is included in the 10-Year Construction Program for this project.

Las Vegas Wash Branch 01 (PV=87.5)

LV01 - 0150 thru 0151 - This is the system that drains along Tropicana Avenue and Boulder Highway and discharges to the previous reach. Design funding is programmed in FY 01-02. Construction is programmed in FY 03-04. Approximately \$5.4 million is included in the 10-Year Construction Program for this project.

Flamingo Wash Lamb to Boulder Highway (PV=86.5)

FLWA - 0175 thru 0228 - Design funds for channelization of this reach of the Flamingo Wash are included in FY 05-06. Construction funding is programmed in FY 06-07. Approximately \$3.1 million is included in the 10-Year Construction Program for this project.

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

FLWA - 0000 thru 0174 - Design funds for channelization of this reach of the Flamingo Wash are included in FY 02-03 with construction appearing in FY 04-05. Approximately \$4.2 million is included in the 10-Year Construction Program for this project.

Flamingo Wash Boulder Highway to McLeod (PV=86.5)

FLWA - 0255 thru 0376 - Design funds for channelization of this reach of the Flamingo Wash are included in FY 02-03 with construction appearing in FY 04-05 and FY 05-06. Approximately \$5.1 million is included in the 10-Year Construction Program for this project.

Rawhide Channel at Sagebrush (PV=85.0)

DCRH - 0200 - Construction funds for increasing the capacity of this box culvert are included in FY 99-00. Approximately \$0.5 million is included in the 10-Year Construction Program for this project.

REGIONAL FLOOD CONTROL DISTRICT

Duck Creek Stephanie to Green Valley Parkway (PV=83.0)

DCWA - 0390 thru 0520 - Design funds for channelization of an initial phase of this reach of the Duck Creek are programmed in FY 99-00. Construction is programmed in FY 99-00 and FY 00-01. Approximately \$4.9 million is included in the 10-Year Construction Program for this project.

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

DCWA - 0597 - Design funds for channelization of this reach of the Duck Creek are programmed in FY 02-03. Construction is programmed in FY 06-07. Approximately \$4.7 million is included in the 10-Year Construction Program for this project.

Duck Creek Sunset to Eastern (PV=83.0)

DCWA - 0647 thru 0883 - Funding for design of an initial phase of this project through Newport Village is included in FY 99-00 with phased right-of-way and construction following in FY 01-02 through FY 05-06. Approximately \$8.0 million is included in the 10-Year Construction Program for this project.

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

DCBD 0000 THRU 0283 Design for this detention basin near Interstate 15 and Blue Diamond Highway is programmed in FY 08-09. Total amount programmed is \$1.0.

Las Vegas Wash Branch 02 (PV=76.5)

LV02 - This has been known in the past as the Monson Channel. Design will begin in FY 05-06 with construction following in FY 07-08. Total amount programmed is \$8.4 million.

Flamingo Diversion - Rainbow Branch (PV =73.5)

FLBR 0062 This is a collector of flow to the Flamingo Diversion Channel at Rainbow. Construction funds are programmed in FY 08-09. Total amount programmed is \$2.1 million.

Duck Creek Broadbent - Boulder Highway (PV =72.0)

DCWA 0168 thru 0251 Construction funds for the channelization of this reach of the Duck Creek are programmed in FY 08-09. Total amount programmed is \$4.0 million.

Duck Creek - Las Vegas Blvd. To Lower Detention Basin (PV=71.5)

DCWA - 1241 thru 1358 - Design funds appear in FY 06-07. Construction funds are included in FY 07-08 for this project. Total amount programmed is \$4.0 million.

Duck Creek - Las Vegas Blvd. To Central Detention Basin (PV=71.5)

DCWA - 1362 thru 1594 - The project funding is phased over FY 02-03 through FY 07-08. Total amount programmed is \$6.6 million.

Flamingo Diversion - Jones Branch (PV = 70.0)

REGIONAL FLOOD CONTROL DISTRICT

FLJO 0000 thru 0076 This is a collector of flow to the Flamingo Diversion Channel at Jones. Design funds are programmed in FY07-08. Construction funds are programmed in FY 08-09. Total amount programmed is \$2.6 million.

Blue Diamond Channel - Rainbow Branch (PV =69.0)

BDBR This is a collector of flow to the Blue Diamond Channel at Rainbow. Construction funds are programmed in FY 08-09. Total amount programmed is \$2.5 million.

Duck Creek Sunset Park (PV = 64.0)

DCSP 0000 This storm drain is tributary to the Duck Creek from the west along Pama Lane. Construction funds are programmed in FY 08-09. Total amount programmed is \$1.7 million.

The Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Areas (Clark County, Las Vegas Valley) of the 10-Year Construction Program total approximately \$126,143,000.

REGIONAL FLOOD CONTROL DISTRICT

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

Goodsprings Improvements - This project consists of a diversion dike and channel improvements for Goodsprings, Nevada. The design and partial construction has been funded previously and additional construction funding is proposed in FY 99-00 in the amount of \$500,000.

Muddy River - This project consists of channel excavation above normal high water level along the Muddy River in Moapa Valley. Design and right-of-way acquisition is underway. Construction funding is included in each of the first 8 years of this 10-Year Construction Program totaling \$17.4 million

Indian Springs Improvements - The project includes two diversion dikes and a bridge to provide flood control to Indian Springs. The design is underway. Construction in the amount of \$495,000 is programmed in FY 99-00.

Overton Wash Railroad Channel - The project has a total of \$3.3 million programmed for design and construction in FY 07-08 and FY 08-09 respectively.

Searchlight Eastern Portion Improvements - Construction funding for these improvements are included in FY 02-03 in the amount of \$0.7 million .

The 10-Year Construction Program for the Outlying Areas of Clark County totals approximately \$23,449,000. In all, among the Tropicana/Flamingo, Duck Creek Blue Diamond and Outlying planning Areas, Clark County has programmed \$159,827,000 for flood control facilities over the next 10 years.

REGIONAL FLOOD CONTROL DISTRICT

Boulder City

Projects completed since 1987 include:

Buchanan Boulevard Channel
Georgia Avenue Channel
Hemenway Wash Improvements
Georgia and Adams Improvements
Buchanan Watershed Facilities

These projects total approximately \$9,076,400 in District funding.

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 thru 0148 - \$382,000 for construction of these culvert improvements is included in FY 07-08.

Ville Drive Facilities

HMVL - 0028 thru 0064 - Construction is included in FY 00-01 totaling \$0.4 million for these improvements to the collection system for the Ville Detention Basin.

Industrial Road Facilities

NRIN - 0000 thru 0087 - This project includes the expansion and completion of the North Railroad Detention Basin and construction of the collection levee. Construction funds appear in every year of the 10 Year Construction Program totaling \$4.8 million.

Industrial Road Facilities

NRRR - 0000 thru 0016 - This project consists of a collection channel which outlets to the North Railroad Detention Basin. Design funds are programmed in FY 05-06. Construction funds appear in FY 07-08 and FY 08-09. Total program funding equals approximately \$1.3 million.

Trailhead Facilities

HMTH - 0033 thru 0054 - \$200,000 appears in FY06-07 for design of this collection levee to the Trailhead Detention Basin.

Georgia Channel Facilities

GBGR - 0000 thru 0099 - The 10-Year Construction Program includes construction funds in the amount of \$550,000 in FY 06-07 for the construction of the roadway crossing improvements.

REGIONAL FLOOD CONTROL DISTRICT

Lake Mountain Drive Facilities

HMLM - 0000 thru 0085 - \$100,000 is included in FY 04-05 of the Program for construction of channel improvements and debris basin expansion.

Hemenway Channel Facilities

HMWA - 0004 thru 0181 - Funding for design and construction of channel modifications is programmed in FY 04-05 totaling \$0.7 million.

Boulder City has programmed \$9,101,000 for flood control facilities over the next 10 years.

REGIONAL FLOOD CONTROL DISTRICT

Mesquite

The Town Wash Detention Basin was funded by the District in previous years. This project totaled approximately \$4,362,000. 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.

City of Mesquite included funds in the seventh year of the previously approve 10-Year Construction Program. These funds are continued forward in this 10-Year Construction Program, appearing in Year 6 (FY 04-05). Funding in the amount of \$6.0 million is programmed to improve the channels from I-15 to the Virgin River on the Town Wash, Abbott Wash and Pulsipher Wash. More specific project descriptions and priority rankings will be provided in response to Master Plan Updates and as the programmed funding enters the first five years of program.

REGIONAL FLOOD CONTROL DISTRICT

FY 1999/00 Project List

The first year of the 10-Year Construction Program comprises the recommended FY 99-00 Project List. The project list totals \$35,377,000 and is funded from the estimated 1/4% sales tax revenue and funds remaining from previous set asides for the Corps of Engineers Tropicana/Flamingo Washes project. Projected revenue for the first year is \$34,502,000. The proposed FY 99-00 Project List is as follows:

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

Pioneer Detention Basin and Outfall System

PTVW - 0000 thru 0018 - This facility was the subject of a Master Plan Change approved by the Board on March 12, 1998. Funds for right-of-way acquisition are included in the amount of \$3,500,000.

Pittman Eastern Detention Basin

PTEA - 0439 - This detention basin is located immediately upstream of the Henderson Executive Air Terminal. Design is being completed by the Airport Authority and construction is programmed in Year 1 in the amount of \$4,000,000

Total First Year:

\$7,500,000

Las Vegas (Central Basin and Gowan Planning Areas):

Gowan North Buffalo, Tenaya and Upper Gowan Branches

GOBU, GOTE, GOOF - 0775 - Construction for these storm drains tributary to the Gowan North Channel is programmed in the amount of \$3,000,000. It is expected that these funds will be coupled with RTC funds to oversize the RTC storm drains on regional alignments.

Washington Ave. System I-15 to Martin Luther King

LV15 - 0229 thru 0339 - This Storm drain discharges to the existing I-15 channel directing flow to the Las Vegas Wash. Construction funds are programmed in The amount of \$1,350,000.

Gowan Outfall Lone Mountain Branch

GOLO - 0000 thru 0076 - This storm drain is tributary to the Gowan Outfall at Clayton Street. Construction of an initial phase appears in the amount of \$1,000,000.

REGIONAL FLOOD CONTROL DISTRICT

Gowan Outfall - Craig to Channel (PV=96.0)

GOOF - 0198 - This is a section of storm drain beneath Simmons extending from Craig to the Gowan Outfall Channel. Design is programmed in the amount of \$100,000

Total First Year: \$5,450,000

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

Las Vegas Wash Main Branch

LVMD - 1421 thru 1534 - This channel reach extends from Lake Mead Boulevard to the "N" Channel. Design and construction funds programmed in the amount of \$1,713,000.

Las Vegas Wash Main Branch

LVMD - 1535 thru 1680 - This channel reach extends from the "N" Channel to Alexander including the Cheyenne Detention Basin added to the Master Plan by amendment dated February 11, 1999. Design, right-of-way acquisition and construction are programmed in the amount of \$4,970,000.

A-Channel - Craig Confluence

LV06 - 0000 thru 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. Design and construction are programmed in the amount of \$1,502,000.

Ann Road System

ANWE - 0000 thru 0361 - This system provides the outfall for the Rancho Detention Basin and extends from Rancho Drive to Allen Lane at the confluence with the Western Tributary to the Las Vegas Wash. Design is programmed in the amount of \$35,000.

Washington System (PV=79.5)

SLWA - 0158, SLOW, SLER - These features are collection systems for the Owens Detention Basin and outfall. Design is programmed in the amount of \$49,000.

Total First Year: \$8,269,000

REGIONAL FLOOD CONTROL DISTRICT

Clark County (Las Vegas Valley)

Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Area:

Corps of Engineer's Tropicana/Flamingo Project - \$3,581,000 is programmed to meet the forecasted demands for local share for the project.

Flamingo Wash Swenson to Lower Flamingo Det. Basin

FLWA - 0648 thru 1049 - This is the channelization of the Flamingo Wash from the Tropicana Wash confluence up to Decatur. Design and right-of-way are programmed in the amount of \$506,000.

Land Acquisition Duck Creek/Blue Diamond Det. Basins

DCWA - 1658, 2261 & 2668; DCBD - 0282 - This provides early acquisition of land for the Upper and Central Duck Creek Detention Basins; Lower Blue Diamond and Bird Springs Detention Basins. Pre-design is under way. Land acquisition dollars are provided in the amount of \$500,000.

Red Rock Channel Naples Branch

RRNA This is a collector to the Red Rock Channel at Naples. Design and right-of-way are programmed in the amount of \$600,000.

Duck Creek Boulder Highway to Stephanie

DCWA - 0251 thru 0340 - Design and right-of-way engineering for these channel improvements is underway. Right-of-way acquisition and construction is included in the amount of \$3,339,000.

Rawhide Channel at Sagebrush

DCRH - 0200 - Construction funds for increasing the capacity of this box culvert are included in the amount of \$500,000.

Duck Creek Stephanie to Green Valley Parkway (PV=83.0)

DCWA - 0390 thru 0520 - Design funds for channelization of an initial phase of this reach of the Duck Creek are programmed in Year 1. Construction is also programmed in Year 1. The total programmed for Year 1 is \$2,488,000.

Duck Creek Sunset to Eastern (PV=83.0)

DCWA - 0647 thru 0883 - Funding for design of an initial phase of this project through Newport Village is included in the amount of \$200,000.

REGIONAL FLOOD CONTROL DISTRICT

Clark County (Outlying Areas):

Goodsprings - \$500,000 is included for the Phase I improvements.

Muddy River - Initial construction funds in the amount of \$272,000 are included in Year-1.

Indian Springs - The first year include \$495,000 for construction of these improvements.

Clark County (Las Vegas Valley):	\$12,124,000
Clark County (Outlying Areas):	<u>\$ 1,267,000</u>
Total First Year:	\$13,391,000

Boulder City:

Industrial Road facilities - Design funds are included in the amount of \$767,000.

It should be noted that projects that are not included on the FY 99-00 project list may be eligible to have construction funding expedited if they meet the criteria presented in Section 2.6 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%
	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 These MPUs

EXHIBIT B

EXHIBIT B

Project Prioritization

Adopted 6/10/99

Facility Description	Planning Area	Facility I.D.	Project Cost	Priority Factor and Weight											Priority Value
				Pop.	Land	Public	Access	Avoid.	Funding	Relation	Implement	Env.	O&M		
				0.5	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 Pecos West Conveyance	Pittman	PTPW 0000-0062	\$788,000	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
Pittman East 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
Railroad East Detention Basin and Conveyance System	Pittman	PTRE 0000-0070	\$9,623,000	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	\$3,653,000	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
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 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 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
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
Gibson Channel	Pittman	PTGB 0057-0185	\$4,730,000	2	5	3	5	3	0	3	1	1	2		
				10.0	22.5	12.0	17.5	9.0	0.0	6.0	1.5	1.0	1.0		80.5
C-1 Channel Boulder Highway	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 Levee and Detention Basin	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 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
S.W. Pittman Detention Basin And Outfall	Pittman	PTWA 0982-0990	\$15,172,200	1	3	1	3	2	0	3	1	1	1		
				5.0	13.5	4.0	10.5	6.0	0.0	6.0	1.5	1.0	0.5		48.0
Stephanie Channel Lower Reach	Pittman	PTDC 0000-0013	\$1,317,000	1	2	3	1	1	0	2	1	1	3		
				5.0	9.0	12.0	3.5	3.0	0.0	4.0	1.5	1.0	1.5		40.5
C-1 Lower Reach	C-1 Ch.	C1CH 0000-0174	\$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

EXHIBIT B

Project Prioritization

Adopted 6/10/99

Facility Description	Planning Area	Facility I.D.	Project Cost	Priority Factor and Weight												Priority Value
				Pop.	Land	Public	Access	Avoid.	Funding	Relation	Implem	Env.	O&M			
				0.5	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5			
CITY OF LAS VEGAS:																
Freeway Copnveyance South - LV Cr. Alta to Desert Inn	Central	FW15 0000-0301	\$24,452,100	5	5	5	5	2	3	5	4	1	2			
				25.0	22.5	20.0	17.5	6.0	7.5	10.0	6.0	1.0	1.0			116.5
Upper Washington Avenue Channel and Spaghetti Bowl	Central	WAPR 0000	\$3,495,000	4	4	5	5	5	1	5	5	3	4			
				20.0	18.0	20.0	17.5	15.0	2.5	10.0	7.5	3.0	2.0			115.5
Gowan North - Buffalo, & Tenaya Branches & Upper Gowan Outfall	Gowan	GOBU,GOFE GOOF 0775	\$5,360,000	4	3	4	3	5	5	5	4	1	4			
				20.0	13.5	16.0	10.5	15.0	12.5	10.0	6.0	1.0	2.0			106.5
Washington Avenue System Martin Luther King to I-15	Central	LV15 0229-0339	\$754,000	4	4	4	4	3	5	4	4	1	2			
				20.0	18.0	16.0	14.0	9.0	12.5	8.0	6.0	1.0	1.0			105.5
Gowan Outfall - Lone Mtn. Branch	Gowan	GOLO 0000-0076	\$3,900,000	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 - El Capitan Branch	Gowan	GOEC	\$4,177,000	3	3	4	3	5	5	5	4	4	2			
				15.0	13.5	16.0	10.5	15.0	12.5	10.0	6.0	4.0	1.0			103.5
Las Vegas Wash - Rancho	Central	LVRA 0000-0091	\$2,655,000	4	5	4	4	5	1	3	3	1	3			
				20.0	22.5	16.0	14.0	15.0	2.5	6.0	4.5	1.0	1.5			103.0
Lone Mountain System - Outfall to Durang	Gowan	GOLM 0000-0101	\$1,767,000	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
Freeway Channel Bypass Facility	Central	FWUP 0000-0059	\$2,680,000	5	3	5	5	2	2	3	3	1	4			
				25.0	13.5	20.0	17.5	6.0	5.0	6.0	4.5	1.0	2.0			100.5
Owens Avenue System Rancho to I-15	Central	LVOW 0000-0146	\$6,126,000	4	3	4	3	3	5	4	5	1	3			
				20.0	13.5	16.0	10.5	9.0	12.5	8.0	7.5	1.0	1.5			99.5
Gowan North Channel - N. Det. Basin to Lone Mtn.	Gowan	GONO 0009-0205	\$12,111,000	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
Oakey Drain I-15 to Valey View	Central	FWOK 0000-0191	\$8,594,000	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
Colorado Avenue System Las Vegas Wash to I-515	Central	LVCO 0000-0166	\$1,493,000	5	4	4	3	3	1	4	3	3	2			
				25.0	18.0	16.0	10.5	9.0	2.5	8.0	4.5	3.0	1.0			97.5
Gowan NorthChannel - Lone mtn. to CAM-10 Det. 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 Outfall - Craig to Channel	Gowan	GOOF 0198	\$752,300	3	3	4	4	4	3	4	4	3	2			
				15.0	13.5	16.0	14.0	12.0	7.5	8.0	6.0	3.0	1.0			96.0
Las Vegas Wash Smoke Ranch	Central	LVSR 0552	\$917,000	4	3	4	5	3	1	3	2	3	5			
				20.0	13.5	16.0	17.5	9.0	2.5	6.0	3.0	3.0	2.5			93.0
Gowan South Det. Basin Expansion	Gowan	GOSO 0051	\$1,675,000	4	4	4	3	5	1	2	2	1	1			
				20.0	18.0	16.0	10.5	15.0	2.5	4.0	3.0	1.0	0.5			90.5
CAM-10 Det. 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 - US 95	Central	LCCP 0000-0286	\$9,421,700	4	4	3	4	4	2	3	3	1	1			
				20.0	18.0	12.0	14.0	12.0	5.0	6.0	4.5	1.0	0.5			93.0
Meadows Detention Basin Expansion	Central	LCME 0000-0019	\$1,343,200	3	5	3	3	5	1	5	5	5	3			
				15.0	22.5	12.0	10.5	15.0	2.5	10.0	7.5	5.0	1.5			101.5

EXHIBIT B

Project Prioritization

Adopted 6/10/99

Facility Description	Planning Area	Facility I.D.	Project Cost	Priority Factor and Weight													
				Pop.	Land	Public	Access	Avoid.	Funding	Relat.	Implem	Env.	O&M	Priority			
				0.5	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5	Value			
CITY OF NORTH LAS VEGAS:																	
Lower Las Vegas Wash Detention Basin	Northern LV Wash	LVMD 2050	\$11,890,000	5	4	5	3	5	2	4	4	3	3				
Vandenberg Detention Basin	Range	RWWE 0170	\$5,194,000	4	4	4	4	4	2	5	4	3	3				
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 Lake Mead to 'N' Channe	Northern LV Wash	LVMD 1421-1534	\$7,916,900	4	4	4	3	3	2	4	4	3	4				
Main Branch "N" Channel to Alexander and Cheyenne DB	Northern LV Wash	LVMD 1535-1680	\$12,354,970	3	3	4	3	4	4	4	4	2	4				
"A" Channel Craig Confluence	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 0000-0138	\$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				
West Range Channel Las Vegas Blvd. to Diversion	Range	RWSL 0576-0672	\$3,690,000	3	4	3	4	3	3	3	4	2	4				
Range Wash Railroad Channel Las Vegas Blvd. to Diversion	Range	RWRR 0005-0160	\$4,935,200	3	4	3	3	3	3	3	4	2	3				
Owens Detention Basin and Washington Outfall	Range	SLWA 0000-0153	\$3,922,000	3	4	3	3	3	3	3	4	3	3				
Upper Las Vegas Wash Craig to Elkhorn	Northern LV Wash	LVUP 0000-0210	\$13,116,000	3	3	3	4	3	3	3	3	2	4				
Kyle Canyon Outfall (Beltway) W. Trib. - Decatur to Grand Teton	Northern LV Wash	LVMD 2324, CNWE-0000	\$5,326,000	3	3	3	3	3	3	3	3	3	3				
Rancho Drive System Elkhorn to Ann	Northern LV Wash	RCHO 0000-0097	\$11,088,000	3	3	3	3	3	3	3	2	3	3				
Las Vegas Wash Collection System Elkhorn	Northern LV Wash	EKEA 0000-0142	\$6,701,000	2	3	3	3	3	2	3	3	2	3				
Upper Washington System	Range	SLWA 0158, SLOW,SLER	\$3,024,000	3	3	3	3	3	2	3	3	2	4				
Orchard Detention Basin	Range	SLOR 0085-0170	\$3,674,000	3	3	3	3	3	2	3	3	2	3				
Main Branch - Lake Mead to Vegas Valley (LVMD 1032 thru 1355)	Lower LV Wash	LVMD 1032-1355	\$10,859,200	3	3	3	2	3	2	3	3	3	4				
Sloan E. Br. & W. Range Channel	Range	SLEB 0000-0046 RWWE 0000-0168	\$4,254,000	3	3	3	3	3	2	3	3	2	3				
Vandenberg Det. Basin to LV Blvd.	Lower LV Wash	LVMD 1032-1321	\$10,859,200	2	3	2	2	3	2	3	3	3	3				
Channel Lining - Pecos/Lake Mead to Vegas Valley	Lower LV Wash	LVMD 1032-1321	\$10,859,200	2	3	2	2	3	2	3	3	3	3				
Trib. To the W. Trib. At Alexander	Northern LV Wash	LV05 0000-0131	\$4,433,000	2	3	3	3	3	2	3	3	2	3				
Range Wash Christy Lateral	Range	LVCH 0000-0114	\$2,899,000	3	3	3	2	1	2	3	3	2	3				
Alto and Lake Mead Conveyances	Range	RWAL RWLM	\$6,824,000	2	3	2	2	3	2	4	3	2	2				
Las Vegas Wash - Decatur	Northern LV Wash	LVMD 2324 LVDE 0000	\$4,585,000	1	3	2	2	3	3	3	3	2	2				
Stewart Avenue Conveyance	Range	SLST 0000-0104	\$3,004,000	2	3	2	2	2	2	3	3	2	2				
Lower Las Vegas Wash - Reach 2	Lower LV Wash	LVMD 0605-0772(R/W)	\$2,480,000	1	2	2	2	3	2	3	3	3	3				
Property Acq.; Channel Widening Tropical Road Channel East	Northern LV Wash	TREA 0883,1232	\$3,120,000	1	2	2	2	2	2	4	2	2	2				
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

Adopted 6/10/99

Facility Description	Planning Area	Facility I.D.	Project Cost	Priority Factor and Weight												Priority Value
				Pop.	Land	Public	Access	Avoid.	Funding	Relatio	Implem	Env.	O&M			
				0.5	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	5	5	4	4	3	5	3	2	4			
				25.0	22.5	20.0	14.0	12.0	7.5	10.0	4.5	2.0	2.0	119.5		
Flamingo Wash - Bufalo, Spring Mtn Drain, Lakes Det. Basin, Desert Inn Drain	Flamingo/ Tropicana	FLBF,FLSM, FLDI	\$12,348,000	4	4	4	4	4	3	4	4	2	3			
				20.0	18.0	16.0	14.0	12.0	7.5	8.0	6.0	2.0	1.5	105.0		
Flamingo Lateral (Flamingo/Rainbow) & Desert Inn Detention Basin	Flamingo/ Tropicana	FLLA 0308-0369	\$2,496,000	3	4	4	4	4	3	4	4	2	2			
				15.0	18.0	16.0	14.0	12.0	7.5	8.0	6.0	2.0	1.0	99.5		
Flamingo Wash Swensen to Lower Flamingo Det. Basin	Flamingo/ Tropicana	FLWA 0648-1049	\$4,442,000	4	4	4	3	3	3	4	4	2	3			
				20.0	18.0	16.0	10.5	9.0	7.5	8.0	6.0	2.0	1.5	98.5		
Durango Collector	Flamingo/ Tropicana	FLDR	\$5,182,000	3	4	4	4	3	3	4	4	2	2			
				15.0	18.0	16.0	14.0	9.0	7.5	8.0	6.0	2.0	1.0	96.5		
Tropicana Wash Flamingo Wash to Koval	Flamingo/ Tropicana	TRWA 0000-0152	\$6,705,000	4	4	4	3	4	2	3	3	2	3			
				20.0	18.0	16.0	10.5	12.0	5.0	6.0	4.5	2.0	1.5	95.5		
Flamingo Wash McLeod to Maryland Pkwy.	Flamingo/ Tropicana	FLWA 0400-0593	\$4,858,000	4	4	4	3	4	2	3	3	2	2			
				20.0	18.0	16.0	10.5	12.0	5.0	6.0	4.5	2.0	1.0	95.0		
R/W Aqc. Upper, Central & S. Duck.	Duck Cr.	DCWA 2261,1658 DCSD 0278,DCBD 0282,DCWA	\$2,045,000	5	4	3	3	3	2	4	4	1	1			
Lower Bl.Diamond & Birdspring Det.Basins	Bl.Diamond	2668		25.0	18.0	12.0	10.5	9.0	5.0	8.0	6.0	1.0	0.5	95.0		
Flamingo Wash and Lower Flamingo Detention Basin	Flamingo/ Tropicana	FLWA 1050-1376	\$3,268,000	3	4	3	3	4	3	4	3	2	3			
				15.0	18.0	12.0	10.5	12.0	7.5	8.0	4.5	2.0	1.5	91.0		
Duck Creek Boulder Highway to Stephanie	Duck Cr. Bl.Diamond	DCWA 0248-0340	\$5,249,000	3	3	3	4	4	2	3	3	4	4			
				15.0	13.5	12.0	14.0	12.0	5.0	6.0	4.5	4.0	2.0	88.0		
Las Vegas Wash - Branch 01 Tropicana Ave Channel Reach 1	Flamingo/ Tropicana	LV01 0000-0118	\$4,503,000	2	4	4	3	4	3	3	3	2	2			
				10.0	18.0	16.0	10.5	12.0	7.5	6.0	4.5	2.0	1.0	87.5		
Las Vegas Wash - Branch 01 Tropicana Ave Channel Reach 2	Flamingo/ Tropicana	LV01 0150-0151	\$5,436,000	2	4	4	3	4	3	3	3	2	2			
				10.0	18.0	16.0	10.5	12.0	7.5	6.0	4.5	2.0	1.0	87.5		
Flamingo Wash Las Vegas Wash to Lamb	Flamingo/ Tropicana	FLWA 0000-0174	\$3,734,000	3	3	3	3	4	3	4	3	2	3			
				15.0	13.5	12.0	10.5	12.0	7.5	8.0	4.5	2.0	1.5	86.5		
Flamingo Wash Lamb to Boulder Highway	Flamingo/ Tropicana	FLWA 0175-0228	\$3,135,000	3	3	3	3	4	3	4	3	2	3			
				15.0	13.5	12.0	10.5	12.0	7.5	8.0	4.5	2.0	1.5	86.5		
Flamingo Wash Boulder Highway to McLeod	Flamingo/ Tropicana	FLWA 0225-0376	\$5,050,000	3	3	3	3	4	3	4	3	2	3			
				15.0	13.5	12.0	10.5	12.0	7.5	8.0	4.5	2.0	1.5	86.5		
Duck Creek - US95 Branch and Stephanie to Green Valley Pkwy./Patrick	Duck Cr. Bl.Diamond	DCWA 0390- 0520&DC95	\$4,884,200	3	3	3	3	3	3	3	3	3	4			
				15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	83.0		
Duck Creek Green Valley Pkwy./Patrick to Sunset	Duck Cr. Bl.Diamond	DCWA 0597	\$4,698,000	3	3	3	3	3	3	3	3	3	4			
				15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	83.0		
Duck Creek Sunset to Eastern	Duck Cr. Bl.Diamond	DCWA 0647-0883	\$8,119,000	3	3	3	3	3	3	3	3	3	4			
				15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	83.0		
Duck Creek Eastern to Lower Detention Basin	Duck Cr. Bl.Diamond	DCWA 0884-1169	\$8,106,000	3	3	3	3	3	3	3	3	3	4			
				15.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	3.0	2.0	83.0		
Las Vegas Wash - Bannch 02 Monson Channel	Flamingo/ Tropicana	LV02	\$8,350,000	2	3	3	3	3	3	3	3	2	3			
				10.0	13.5	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.5	76.5		
Duck Creek Lower Detention Basin to Las Vegas Blvd.	Duck Cr. Bl.Diamond	DCWA 1241-1358	\$3,984,000	2	2	3	3	3	2	4	3	2	3			
				10.0	9.0	12.0	10.5	9.0	5.0	8.0	4.5	2.0	1.5	71.5		

EXHIBIT B

Project Prioritization

Adopted 6/10/99

				Priority Factor and Weight													
Facility Description	Planning Area	Facility I.D.	Project Cost	Pop.	Land	Public	Access	Avoid.	Funding	Relatio	Implem	Env.	O&M	Priority			
				0.5	4.5	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5	Value			
CLARK COUNTY CONT'D:																	
Duck Creek - Las Vegas Blvd. to Central Detention Basin	Duck Cr. Bl.Diamond	DCWA 1362-1594	\$6,642,000	2	2	3	3	3	2	4	3	2	3	1.5	71.5		
				10.0	9.0	12.0	10.5	9.0	5.0	8.0	4.5	2.0	1.5				
Redrock - Naples Branch	Flamingo/Tropicana	RRNA	\$2,453,900	2	4	4	3	5	3	4	3	2	3	1.5	93.0		
				10.0	18.0	16.0	10.5	15.0	7.5	8.0	4.5	2.0	1.5				
Redrock - Naples North Branch	Flamingo/Tropicana	RRNN	\$1,457,800	2	4	3	2	3	2	3	3	2	3	1.5	75.0		
				10.0	18.0	12.0	7.0	9.0	5.0	6.0	4.5	2.0	1.5				
Redrock _ Naples South Branch	Flamingo/Tropicana	RRSN	\$1,388,100	2	4	3	2	3	2	3	3	2	3	1.5	75.0		
				10.0	18.0	12.0	7.0	9.0	5.0	6.0	4.5	2.0	1.5				
Redrock - Ft. Apache Collector	Flamingo/Tropicana	RRFA	\$2,930,000	3	4	4	3	3	3	4	3	2	3	1.5	92.0		
				15.0	18.0	16.0	10.5	9.0	7.5	8.0	4.5	2.0	1.5				
Flamingo Diversion Rainbow Branch	Flamingo/Tropicana	FLBR 0062	\$2,130,000	2	3	3	3	3	2	3	3	2	2	1.0	73.5		
				10.0	13.5	12.0	10.5	9.0	5.0	6.0	4.5	2.0	1.0				
Lower Blue Diamond Detention Basin and Outfall Channel	Flamingo/Tropicana	DCBD 0000-0282	\$8,620,000	3	3	2	3	3	3	4	3	2	2	1.0	79.0		
				15.0	13.5	8.0	10.5	9.0	7.5	8.0	4.5	2.0	1.0				
Duck Creek Broadbent to Boulder Hwy	Duck Cr. Bl.Diamond	DCWA 0168-0250	\$4,030,000	2	2	3	3	3	3	3	3	2	3	1.5	72.0		
				10.0	9.0	12.0	10.5	9.0	7.5	6.0	4.5	2.0	1.5				
Duck Creek Sunset Park	Duck Cr. Bl.Diamond	DCSP 0000	\$1,670,000	2	3	2	2	3	2	2	3	2	2	1.0	64.0		
				10.0	13.5	8.0	7.0	9.0	5.0	4.0	4.5	2.0	1.0				
Flamingo Diversion Jones Branch	Flamingo/Tropicana	FLJO 0000-0076	\$2,560,000	2	3	3	2	3	2	3	3	2	2	1.0	70.0		
				10.0	13.5	12.0	7.0	9.0	5.0	6.0	4.5	2.0	1.0				
Blue Diamond Rainbow Branch	Flamingo/Tropicana	BDRB	\$2,540,000	2	2	3	3	3	2	3	3	2	2	1.0	69.0		
				10.0	9.0	12.0	10.5	9.0	5.0	6.0	4.5	2.0	1.0				

EXHIBIT C

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

Adopted June 10, 1999

Revised to show amendments approved 8/12/99

FIRST FIVE YEARS 7/1999 THRU 7/2004

Adopted June 10, 1999					FY 99/00		FY 00/01		FY 01/02		FY 02/03		FY 03/04		
Revised to show amendments approved 8/12/99					Priority Value	(Year 1)		(Year 2)		(Year 3)		(Year 4)		(Year 5)	
Facility Description	Planning Area	Project Cost Per MPU	Notes	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.
HENDERSON :															
Pioneer Detention Basin, Collection System and Outfall (PTVW-0000 THRU 0018)	Pittman	\$10,622,880	92.5	3.500						0.500	1.000			4.750	
Pittman Eastern Det. Basin (PTEA-0439)	Pittman	\$11,384,455	88.0	4.000											
Pittman Pecos West Conveyance (PTPW- 0000 - 0062)	Pittman	\$3,113,532	87.5					0.140	0.972						
Eastern Ave. Trib. (PTEA-0000)	Pittman	\$3,653,440	84.0					0.810			2.843				
Railroad East Det. Basin and Conveyance (PTRE-0000 thru 0070)	Pittman	\$9,622,851	84.0												
C-1 Channel - (Burkholder to UPRR) (C1CH-0412 thru 0578)	C-1 Ch.	\$5,137,000	84.0			4.390									
C-1 Channel - Upper Reach (C1CH-0579 thru 0635)	C-1 Ch.	\$1,429,000	83.0			1.270									
Pittman Wash - Railroad Channel (PTRR 0000 - 0035)	Pittman	\$3,897,000	81.5					0.580			3.317				
Gibson Conveyance System (PTGB-0057 thru 0208)	Pittman	\$4,730,000	80.5					0.720	1.400					2.700	
Boulder Highway Channel (C1BH-0000)	C-1 Ch.	\$2,359,000	78.5					0.300	2.060						
N.E. C-1 Det. Basin and Levee (C1IT-0199 thru 0246)	C-1 Ch.	\$7,434,000	78.0												
N.E. C-1 Det. Basin Outfall (C1IT-0000 thru 0127)	C-1 Ch.	\$4,532,000	77.5												
Drake Channel (C1DC-0000 thru 0123)	C-1 Ch.	\$1,120,000	73.0												
Equestrian Det. Basin Outfall (C1EQ-0000 thru 0180)	C-1 Ch.	\$4,771,000	66.0												
S.W. Pittman Detention Basin & Outfall (PTWA-0983 thru 0990)	Pittman	\$15,172,200	48.0												
Stephanie Channel Lower Reach (PTDC 0000 - 0014)	Pittman	\$3,244,500	40.5												
C-1 Channel Lower Reach (C1CH 0000 - 0142)	C-1 Ch.	\$4,805,000	37.5												
Totals per Fiscal Year (x \$1,000,000)				7.500		5.660		6.982		7.660		7.450			
Henderson 10-Year Total :				\$84,428,000											

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

Adopted June 10, 1999

Revised to show amendments approved 8/12/99

SECOND FIVE YEARS 7/2004 THRU 7/2009

Added June 10, 1999					FY04/05		FY05/06		FY06/07		FY07/08		FY08/09	
Revised to show amendments approved 8/12/99					(Year 6)		(Year 7)		(Year 8)		(Year 9)		(Year 10)	
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.
HENDERSON :														
Pioneer Detention Basin, Collection System and Outfall (PTVW-0000 THRU 0018)	Pittman	\$10,622,880	92.5											
Pittman Eastern Det. Basin (PTEA-0439)	Pittman	\$11,384,455	88.0											
Pittman Pecos West Conveyance (PTPW- 0000 - 0062)	Pittman	\$3,113,532	87.5											
Eastern Ave. Trib. (PTEA-0000)	Pittman	\$3,653,440	84.0											
Railroad East Det. Basin and Conveyance (PTRE-0000 thru 0070)	Pittman	\$9,622,851	84.0		8.330									
C-1 Channel - (Burkholder to UPRR) (C1CH-0412 thru 0578)	C-1 Ch.	\$5,137,000	84.0											
C-1 Channel - Upper Reach (C1CH-0579 thru 0635)	C-1 Ch.	\$1,429,000	83.0											
Pittman Wash - Railroad Channel (PTRR 0000 - 0035)	Pittman	\$3,897,000	81.5											
Gibson Conveyance System (PTGB-0057 thru 0208)	Pittman	\$4,730,000	80.5											
Boulder Highway Channel (C1BH-0000)	C-1 Ch.	\$2,359,000	78.5											
N.E. C-1 Det. Basin and Levee (C1IT-0199 thru 0246)	C-1 Ch.	\$7,434,000	78.0				1.120	3.310		3.000				
N.E. C-1 Det. Basin Outfall (C1IT-0000 thru 0127)	C-1 Ch.	\$4,532,000	77.5				0.680	2.000		1.870				
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				0.620			4.100				
S.W. Pittman Detention Basin & Outfall (PTWA-0983 thru 0990)	Pittman	\$15,172,200	48.0								3.925	6.000		5.247
Stephanie Channel Lower Reach (PTDC 0000 - 0014)	Pittman	\$3,244,500	40.5										1.023	2.222
C-1 Channel Lower Reach (C1CH 0000 - 0142)	C-1 Ch.	\$4,805,000	37.5										1.104	3.505
Totals per Fiscal Year (x \$1,000,000)						8.500		8.680		8.970		9.925		13.101
Henderson 10-Year Total : \$84,428,000														

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

Adopted June 10, 1999

Revised to show amendments approved 8/12/99

					FIRST FIVE YEARS 7/1999 THRU 7/2004									
					FY 99/00 (Year 1)		FY 00/01 (Year 2)		FY 01/02 (Year 3)		FY 02/03 (Year 4)		FY 03/04 (Year 5)	
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.
LAS VEGAS (Central Las Vegas Valley) :														
Freeway Channel - Alta to Desert Inn (FW15 0000 thru 0301)	Central	\$24,452,100	####											
Gowan North - Buffalo & Teneya Branches & Upper Gowan Outfall (GOBU, GOTE, GOOF-0775)	Gowan	\$5,360,000	####		50/50 W/RTC 3.000									
Washington Ave. System - I15 to Martin Luther King (LV15-0229 thru 0339)	Central	\$754,000	####		1.350									
Gowan North - El Capitan Branch (GOEC-0000 thru 0176)	Gowan	\$4,177,000	####										0.400	
Las Vegas Wash - Rancho (LVRA-0000 thru 0091)	Central	\$2,655,000	####						2.355					
Meadows Detention Basin & Outfall LCME 0000 - 0019	Central	\$1,343,200	####										0.300	
Owens Avenue System (LVOW 0000 thru 0146)	Central	\$6,126,000	99.5	Funded With RTC			2.963							
Gowan N. Channel - N. Det. Basin to Lone Mtn. (GONO - 0009 thru 0205)	Gowan	\$12,111,000	99.5											
Gowan Outfall Lone Mtn. Branch (GOLO-0000 thru 0076)	Gowan	\$3,900,000	97.5		1.000									
Gowan North Channel - Lone Mtn. To CAM-10 (GONO-0234 thru 0589)	Gowan	\$11,978,900	97.0											
Gowan Outfall Craig to Channel GOOF - 0198	Gowan	\$752,300	96.0		0.100		0.650							
Lone Mtn. System - Outfall to Durango (GOLM - 0000 thru 0101)	Gowan	\$1,767,000	94.0								1.587			
Las Vegas Wash - Smoke Ranch LVSR - 0552	Central	\$917,100	93.0						0.780					
Las Vegas Creek Channel - Parallel System LCCP 0000 - 0286	Gowan	\$9,421,700	93.0											
Gowan South Det. Basin Expansion (GOSO-0051)	Gowan	\$1,675,000	90.5											
Totals per Fiscal Year (x \$1,000,000)					5.450		3.613		3.135		1.587		0.700	
Las Vegas 10-Year Total : 53,093,000														

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Charleston Cr To Rancho
Gowan

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

Adopted June 10, 1999

Revised to show amendments approved 8/12/99

					SECOND FIVE YEARS 7/2004 THRU 7/2009									
					FY04/05 (Year 6)		FY05/06 (Year 7)		FY06/07 (Year 8)		FY07/08 (Year 9)		FY08/09 (Year 10)	
					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) :														
Freeway Channel - Alta to Desert Inn (FW15 0000 thru 0301)	Central	\$24,452,100	####										0.641	4.278
Gowan North - Buffalo & Teneya Branches & Upper Gowan Outfall (GOBU, GOTE, GOOF-0775)	Gowan	\$5,360,000	####											
Washington Ave. System - I15 to Martin Luther King (LV15-0229 thru 0339)	Central	\$754,000	####											
Gowan North - El Capitan Branch (GOEC-0000 thru 0176)	Gowan	\$4,177,000	####				3.777							
Las Vegas Wash - Rancho (LVRA-0000 thru 0091)	Central	\$2,655,000	####											
Meadows Detention Basin & Outfall LCME 0000 - 0019	Central	\$1,343,200	####						1.343					
Owens Avenue System (LVOW 0000 thru 0146)	Central	\$6,126,000	99.5	Funded With RTC										
Gowan N. Channel - N. Det. Basin to Lone Mtn. (GONO - 0009 thru 0205)	Gowan	\$12,111,000	99.5		Alexander to Lone Mtn. 3.816									
Gowan Outfall Lone Mtn. Branch (GOLO-0000 thru 0076)	Gowan	\$3,900,000	97.5						0.400		3.000	0.400	3.000	
Gowan North Channel - Lone Mtn. To CAM-10 (GONO-0234 thru 0589)	Gowan	\$11,978,900	97.0						1.000		9.048	0.450	2.930	
Gowan Outfall Craig to Channel GOOF - 0198	Gowan	\$752,300	96.0											
Lone Mtn. System - Outfall to Durango (GOLM - 0000 thru 0101)	Gowan	\$1,767,000	94.0											
Las Vegas Wash - Smoke Ranch LVSR - 0552	Central	\$917,100	93.0											
Las Vegas Creek Channel - Parallel System LCCP 0000 - 0286	Gowan	\$9,421,700	93.0				3.000							
Gowan South Det. Basin Expansion (GOSO-0051)	Gowan	\$1,675,000	90.5						1.525					
Totals per Fiscal Year (x \$1,000,000)					3.816		6.777		4.268		12.048		11.699	
Las Vegas 10-Year Total : 53,093,000														

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

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					FIRST FIVE YEARS 7/1999 THRU 7/2004									
					FY 99/00 (Year 1)		FY 00/01 (Year 2)		FY 01/02 (Year 3)		FY 02/03 (Year 4)		FY 03/04 (Year 5)	
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.
NORTH LAS VEGAS (Northern Las Vegas Valley) :														
Main Branch (Lake Mead to "N" Channel)(LVMD-1421 thru 1534)	N. LV Wash	\$7,916,900	97.5		0.188	1.525					0.598			2.480
Main Branch ("N" Channel to Alexander and Cheyenne DB)(LVMD-1535 thru 1680)	N. LV Wash	\$12,354,970	95.0		3.974	0.996								
"A" Channel - Craig Confluence (LV06-0000 thru 0138)	N. LV Wash	\$4,247,000	94.5		0.502	1.000		2.100						
Las Vegas Wash - Losee (LVLO - 0000)	N. LV Wash	\$1,795,000	94.5						0.100		0.848			0.847
Ann Road System (Rancho to Allen)(ANWE-0000 thru 0361)	N. LV Wash	\$9,829,000	94.0	50/50 w/RTC	0.035			2.700		2.700				
Sloan Channel (RWSL-0000 thru 0135)	Range	\$4,565,000	93.0				0.030			2.252		2.015		
Simmons Street Channel (LVSM-0000 thru 0168)	N. LV Wash	\$5,300,000	92.5				0.800					2.400		
West Range Channel (Las Vegas Structure)(RWSL-0576 thru 0694)	Range	\$3,690,000	91.5											
Owens Det. Basin & Outfall (SLWA-0000 thru 0153)	Range	\$3,922,000	88.5						0.511					3.411
Range Wash Railroad Channel (RWRR 0005 thru 0160)	Range	\$4,935,200	87.5								0.825			
Upper LV Wash (Craig to Elkhorn) (LVUP-0000 thru 0210)	N. LV Wash	\$13,116,000	85.5				0.780		0.500			1.605	0.250	1.605
Orchard Detention Basin (SLOR 0085 thru 0710)	Range	\$3,674,000	81.0				0.300							
Rancho Drive System - Elkhorn to Ann (RCHO - 0000 thru 0097)	N. LV Wash	\$11,088,000	81.0	50/50 w/Dev						1.600				
Sloan Channel E. Br. & W. Range Upper (SLWA-0158, SLOW, SLER)	Range	\$3,024,000	79.5		0.049			0.488						
W.Trib.(Vandenberg Det. Basin to LV Blvd.)(SLEB-0000 thru 0046, RWWE-0000 thru 0168)	Range	\$4,254,000	79.0											
Main Branch - Lake Mead to Vegas Valley (LVMD 1032 thru 1355)	Lower Las Vegas Wash	\$10,859,000	74.0											
Range Wash Christy Lateral (LVCH 0000 thru 0114)	Range	\$2,899,000	68.0											
Alto and Lake Mead Conveyances RWAL, RWLM	Range	\$6,824,000	68.0											
Trib. To W. Trib. At Alexander (LV05 0000 thru 0131)	N. LV Wash	\$4,433,000	67.5										0.841	
Las Vegas Wash - Decatur (LVMD 2324, LVDE 0000)	N. LV Wash	\$4,585,000	63.5											0.300
Stewart Avenue Conveyance SLST 0000 - 0104	Range	\$3,004,000	63.0											
Tropical Road Channel East (TREA 0000)	N. LV Wash	\$3,120,000	54.0											
Totals per Fiscal Year (x \$1,000,000)						8.269		7.198		7.663		8.291		9.734
North Las Vegas 10-Year Total :														

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

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SECOND FIVE YEARS 7/2004 THRU 7/2009

Revised to show amendments approved 8/12/99				Priority Value	FY04/05 (Year 6)		FY05/06 (Year 7)		FY06/07 (Year 8)		FY07/08 (Year 9)		FY08/09 (Year 10)	
Facility Description	Planning Area	Project Cost Per MPU		Notes	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.
NORTH LAS VEGAS (Northern Las Vegas Valley) :														
Main Branch (Lake Mead to "N" Channel)(LVMD-1421 thru 1534)	N. LV Wash	\$7,916,900	97.5		0.459	2.480					0.531	3.812		4.411
Main Branch ("N" Channel to Alexander and Cheyenne DB)(LVMD-1535 thru 1680)	N. LV Wash	\$12,354,970	95.0											
"A" Channel - Craig Confluence (LV06-0000 thru 0138)	N. LV Wash	\$4,247,000	94.5											
Las Vegas Wash - Losee (LVLO - 0000)	N. LV Wash	\$1,795,000	94.5											
Ann Road System (Rancho to Allen)(ANWE-0000 thru 0361)	N. LV Wash	\$9,829,000	94.0	50/50 w/RTC										
Sloan Channel (RWSL-0000 thru 0135)	Range	\$4,565,000	93.0											
Simmons Street Channel (LVSM-0000 thru 0168)	N. LV Wash	\$5,300,000	92.5			2.100								
West Range Channel (Las Vegas Structure)(RWSL-0576 thru 0694)	Range	\$3,690,000	91.5								0.350	1.870		1.470
Owens Det. Basin & Outfall (SLWA-0000 thru 0153)	Range	\$3,922,000	88.5											
Range Wash Railroad Channel (RWRR 0005 thru 0160)	Range	\$4,935,200	87.5					4.110						
Upper LV Wash (Craig to Elkhorn) (LVUP-0000 thru 0210)	N. LV Wash	\$13,116,000	85.5		0.225	1.900	0.220	1.400	0.500	1.310		2.821		
Orchard Detention Basin (SLOR 0085 thru 0710)	Range	\$3,674,000	81.0							3.374				
Rancho Drive System - Elkhorn to Ann (RCHO - 0000 thru 0097)	N. LV Wash	\$11,088,000	81.0	50/50 w/Dev										
Sloan Channel E. Br. & W. Range Upper (SLWA-0158, SLOW, SLER)	Range	\$3,024,000	79.5						0.089	1.270	0.074			1.054
W.Trib.(Vandenberg Det. Basin to LV Blvd.)(SLEB-0000 thru 0046, RWWE-0000 thru 0168)	Range	\$4,254,000	79.0				0.500		3.754					
Main Branch - Lake Mead to Vegas Valley (LVMD 1032 thru 1355)	Lower Las Vegas Wash	\$10,859,000	74.0										0.705	
Range Wash Christy Lateral (LVCH 0000 thru 0114)	Range	\$2,899,000	68.0						0.200					2.690
Alto and Lake Mead Conveyances RWAL, RWLM	Range	\$6,824,000	68.0										0.444	
Trib. To W. Trib. At Alexander (LV05 0000 thru 0131)	N. LV Wash	\$4,433,000	67.5					3.592						
Las Vegas Wash - Decatur (LVMD 2324, LVDE 0000)	N. LV Wash	\$4,585,000	63.5			3.103			1.382					
Stewart Avenue Conveyance SLST 0000 - 0104	Range	\$3,004,000	63.0								0.197	2.807		
Tropical Road Channel East (TREA 0000)	N. LV Wash	\$3,120,000	54.0										0.350	1.173
Totals per Fiscal Year (x \$1,000,000)						10.267		9.822		11.879		12.462		12.297
North Las Vegas 10-Year Total : \$97,882,000														

EXHIBIT C

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					FIRST FIVE YEARS 7/1999 THRU 7/2004									
					FY 99/00 (Year 1)		FY 00/01 (Year 2)		FY 01/02 (Year 3)		FY 02/03 (Year 4)		FY 03/04 (Year 5)	
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.
CLARK COUNTY (Southwest Las Vegas Valley) :														
Corps of Engineer's Tropicana/Flamingo Project	Flam./Trop. COE	\$26,398,000			3.581		3.365		2.545		2.762		2.679	
Buffalo, Spring Mt Drain, Lakes DB & Desert Inn Drain FLBF,FLSM,FLDI	Flam./Trop.	\$12,348,000	####						2.200					
Flamingo Wash, Swenson to Lower Flam. Det. Basin (FLWA 0648-1049)	Flam./Trop.	\$4,442,000	98.5		0.566		0.2		1.492		0.506	2.334	0.200	
Land Acq Upper Duck, Central Duck Lower Blue Diamond & Birdspring DB(DCWA-1658,2261 & 2668,DCBD-0282)	Duck Cr./ Bl. Diamond	\$2,045,000	95.0		0.500		0.651		0.689					
Flamingo Wash (McLead to Maryland Pkwy (FLWA-0400 thru 0593)	Flam./Trop.	\$4,858,000	95.0		0.500						2.520		1.838	
Red Rock Channel - Naples Branch RRFA	Flam./Trop. COE	\$2,453,900	93.0		0.600		1.830							
Red Rock Ft Apache Collector RRFA	Flam./Trop.	\$2,930,000	92.0											
Flamingo Wash & Lower Flamingo DB FLWA 1050 - 1376	Flam./Trop.	\$3,268,000	91.0											
Duck Creek (Boulder Hwy to Stephanie) (DCWA 0248-0340)	Duck Cr./ Bl. Diamond	\$5,249,000	88.0		0.900	2.349	2.000							
Las Vegas Wash - Branch 01 (LV01 0000-0118)	Flam./Trop.	\$4,503,000	87.5										0.500	
Las Vegas Wash - Branch 01 (LV01 0150-0151)	Flam./Trop.	\$5,436,000	87.5						0.700				4.740	
Flamingo Wash, Lamb Blvd to Boulder Hwy(FLWA-0175 THRU 0228)	Flam./Trop.	\$3,135,000	86.5											
Flamingo Wash, Las Vegas Wash to Lamb Blvd(FLWA-0000 THRU 0174)	Flam./Trop.	\$3,734,000	86.5								0.500			
Flamingo Wash, Boulder Hwy to McLead (FLWA 0255-0376)	Flam./Trop.	\$5,050,000	86.5		0.500				2.230		2.320			
Rawhide at Sagebrush (DCRH - 0200)	Duck Cr./ Bl. Diamond	\$500,000	85.5		0.500									
Duck Creek, Stephanie to GV Pkwy & US95 Br. (DCWA-0390 thru 0520, DC95)	Duck Cr./ Bl. Diamond	\$4,884,200	83.0		0.488	2.000	2.396							
Duck Creek, GV Pkwy to Sunset (DCWA-0597)	Duck Cr./ Bl. Diamond	\$4,698,000	83.0								0.581			
Duck Creek Channel (Sunset to Eastern) (DCWA-0647 thru 0883)	Duck Cr./ Bl. Diamond	\$8,119,000	83.0		0.200				2.100	Newport Village	0.560		2.520	
Lower Blue Diamond Detention Basin Outfall DCBD 0000 - 0283	Flam./Trop.	\$8,620,000	79.0											
Las Vegas Wash - Branch 02 (Monson Chnl) (LV02)	Flam./Trop.	\$8,350,000	76.5											
Flamingo Diversion - Rainbow Branch FLBR 0062	Flam./Trop.	\$2,130,000	73.5											
Duck Creek Broadbent - Boulder Hwy DCWA -168 - 0251	Duck Cr./ Bl. Diamond	\$4,030,000	72.0											
Duck Creek, Det. Basin to Iv Blvd. (DCWA 1241-1358)	Duck Cr./ Bl. Diamond	\$3,984,000	71.5											
Duck Creek, LV Blvd to Central Duck Creek DB (DCWA 1362-1594)	Duck Cr./ Bl. Diamond	\$6,642,000	71.5								1.630			
Flamingo Diversion - Jones Branch FLJO 0000 - 0076	Flam./Trop.	\$2,560,000	70.0											
Blue Diamond Channel - Rainbow Branch BDRB	Flam./Trop.	\$2,540,000	69.0											
Duck Creek Sunset Park DCSP 0000	Duck Cr./ Bl. Diamond	\$1,670,000	64.0											

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

Adopted June 10, 1999

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SECOND FIVE YEARS 7/2004 THRU 7/2009

Adopted June 10, 1999					FY04/05		FY05/06		FY06/07		FY07/08		FY08/09	
Revised to show amendments approved 8/12/99					(Year 6)		(Year 7)		(Year 8)		(Year 9)		(Year 10)	
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.
CLARK COUNTY (Southwest Las Vegas Valley) :														
Corps of Engineer's Tropicana/ Flamingo Project	Flam./Trop. COE	\$26,398,000				3.968		4.353		2.311				
Buffalo, Spring Mt Drain, Lakes DB & Desert Inn Drain	Flam./Trop.	\$12,348,000	####											
FLBF,FLSM,FLDI														
Flamingo Wash, Swenson to Lower Flam. Det. Basin (FLWA 0648-1049)	Flam./Trop.	\$4,442,000	98.5			1.402		2.334						
Land Acq Upper Duck, Central Duck Lower Blue Diamond & Birdspring DB(DCWA-1658,2261 & 2668,DCBD-0282)	Duck Cr./ Bl. Diamond	\$2,045,000	95.0											
Flamingo Wash (McLeod to Maryland Pkwy (FLWA-0400 thru 0593)	Flam./Trop.	\$4,858,000	95.0											
Red Rock Channel - Naples Branch RRNA	Flam./Trop. COE	\$2,453,900	93.0											
Red Rock Ft Apache Collector RRFA	Flam./Trop.	\$2,930,000	92.0								0.500			2.430
Flamingo Wash & Lower Flamingo DB FLWA 1050 - 1376	Flam./Trop.	\$3,268,000	91.0								0.500			2.768
Duck Creek (Boulder Hwy to Stephanie) (DCWA 0248-0340)	Duck Cr./ Bl. Diamond	\$5,249,000	88.0											
Las Vegas Wash - Branch 01 (LV01 0000-0118)	Flam./Trop.	\$4,503,000	87.5					4.003						
Las Vegas Wash - Branch 01 (LV01 0150-0151)	Flam./Trop.	\$5,436,000	87.5											
Flamingo Wash, Lamb Blvd to Boulder Hwy(FLWA-0175 THRU 0228)	Flam./Trop.	\$3,135,000	86.5				0.500			2.635				
Flamingo Wash, Las Vegas Wash to Lamb Blvd(FLWA-0000 THRU 0174)	Flam./Trop.	\$3,734,000	86.5			3.730								
Flamingo Wash, Boulder Hwy to McLeod (FLWA 0255-0376)	Flam./Trop.	\$5,050,000	86.5			2.28		2.32						
Rawhide at Sagebrush (DCRH - 0200)	Duck Cr./ Bl. Diamond	\$500,000	85.5											
Duck Creek, Stephanie to GV Pkwy & US95 Br. (DCWA-0390 thru 0520, DC95)	Duck Cr./ Bl. Diamond	\$4,884,200	83.0											
Duck Creek, GV Pkwy to Sunset (DCWA-0597)	Duck Cr./ Bl. Diamond	\$4,698,000	83.0							4.117				
Duck Creek Channel (Sunset to Eastern) (DCWA-0647 thru 0883)	Duck Cr./ Bl. Diamond	\$8,119,000	83.0		0.700		1.940							
Lower Blue Diamond Detention Basin Outfall DCBD 0000 - 0283	Flam./Trop.	\$8,620,000	79.0										1.000	
Las Vegas Wash - Branch 02 (Monson Chnl) (LV02)	Flam./Trop.	\$8,350,000	76.5				0.800				7.550			
Flamingo Diversion - Rainbow Branch FLBR 0062	Flam./Trop.	\$2,130,000	73.5											2.130
Duck Creek Broadbent - Boulder Hwy DCWA -168 - 0251	Duck Cr./ Bl. Diamond	\$4,030,000	72.0											4.030
Duck Creek, Det. Basin to Iv Blvd. (DCWA 1241-1358)	Duck Cr./ Bl. Diamond	\$3,984,000	71.5						0.300		3.680			
Duck Creek, LV Blvd to Central Duck Creek DB (DCWA 1362-1594)	Duck Cr./ Bl. Diamond	\$6,642,000	71.5				0.590		3.415		1.007			
Flamingo Diversion - Jones Branch FLJO 0000 - 0076	Flam./Trop.	\$2,560,000	70.0								0.500			2.060
Blue Diamond Channel - Rainbow Branch BDRB	Flam./Trop.	\$2,540,000	69.0											2.540
Duck Creek Sunset Park DCSP 0000	Duck Cr./ Bl. Diamond	\$1,670,000	64.0											1.670

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

Adopted June 10, 1999

Revised to show amendments approved 8/12/99

10-YEAR CONSTRUCTION PROGRAM						FIRST FIVE YEARS 7/1999 THRU 7/2004									
Adopted June 10, 1999						FY 99/00 (Year 1)		FY 00/01 (Year 2)		FY 01/02 (Year 3)		FY 02/03 (Year 4)		FY 03/04 (Year 5)	
Revised to show amendments approved 8/12/99						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	*				0.500								
Muddy River	Moapa Valley	\$22,036,000	*				0.272		0.457		2.256		1.722		2.803
Indian Springs	Indian Springs	\$595,000	*				0.495								
Laughlin Bridge Canyon	Laughlin	\$12,433,000	*							0.600					
Overton Wash/ Railroad Channel	Moapa Valley	\$15,350,000	*												
Searchlight - Eastern Portion Improvements	Searchlight	\$702,000	*										0.702		
Totals per Fiscal Year (x \$1,000,000)							13.385		10.699		13.320		13.803		15.280
Clark County (Valley & Outlying) 10-Year Total : \$159,827,000															
CITY OF MESQUITE															
Phase II Bank Protection I15 to Virgin River	Town Wash	\$2,660,000	*												
Earthen Channel I15 to Virgin River	Abbott Wash	\$2,100,000	*												
Pulsipher Wash	Pulsipher Wash	\$1,200,000	*												
Totals per Fiscal Year (x \$1,000,000)							0.000		0.000		0.000		0.000		0.000
City of Mesquite 10-Year Total : \$5,960,000															
BOULDER CITY															
Buchanan Channel Facilities (GBBC - 0062 thru 0148)	Georgia/ Buchanan	\$382,300	*												
Ville Drive Facilities (HMLV - 0028 thru 0064)	Hemenway	\$401,800	*						0.400						
Industrial Road Facilities (NRIN - 0000 thru 0087)	North Railroad	\$4,743,700	*				0.767		0.227		0.513		0.388		0.851
Industrial Road Facilities (NRRR - 0000 thru 0016)	North Railroad	\$1,325,800	*												
Trailhead Facilities (HMTB - 0033 & 0054)	Hemenway	\$198,300	*												
Georgia Channel Facilities (GBGR - 0000 thru 0099)	Georgia/ Buchanan	\$554,500	*												
Lake Mountain Drive Facilities (HMLM -0000 thru 0085)	Hemenway	\$113,700	*												
Hemenway Channel Facilities (HMWA - 0004 thru 0181)	Hemenway	\$1,293,300	*								0.200		0.400		
Totals per Fiscal Year (x \$1,000,000)							0.767		0.627		0.713		0.788		0.851
Boulder City 10-Year Total : \$9,101,000															
Annual Program Total (x \$1,000,000)							35.371		27.797		31.813		32.129		34.015
Annual Projected Revenue (x \$1,000,000)						(a)	34.502		28.073		30.654		33.245		35.900
Annual Programmed is Over/(Under) Projected Revenue (x\$1,000,000)							0.869		(0.276)		1.159		(1.116)		(1.885)
Cumulative Program Total (x \$1,000,000)							35.371		63.168		94.981		127.110		161.125
Cumulative Projected Revenue (x \$1,000,000)							34.502		62.575		93.229		126.474		162.373
Cumulative Programmed is Over/(Under) Projected Revenue (x\$1,000,000)							0.869		0.593		1.752		0.636		(1.248)
10-Year Total 99/00 thru 08/09: \$410,291,000															
10-Year Projected Revenue: \$407,330,745															

(a) Includes \$3.564M carry over from FY 98/99

EXHIBIT C

10-YEAR CONSTRUCTION PROGRAM

Adopted June 10, 1999

Revised to show amendments approved 8/12/99

SECOND FIVE YEARS 7/2004 THRU 7/2009

Adopted June 10, 1999					FY04/05 (Year 6)		FY05/06 (Year 7)		FY06/07 (Year 8)		FY07/08 (Year 9)		FY08/09 (Year 10)	
Revised to show amendments approved 8/12/99					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 I Improvements	Goodsprings	\$500,000	*						0.970					
Muddy River	Moapa Valley	\$22,036,000	*		2.670		2.018		5.249					
Indian Springs	Indian Springs	\$595,000	*											
Loughlin Bridge Canyon	Loughlin	\$12,433,000	*		2.500						7.135			
Overton Wash/ Railroad Channel	Moapa Valley	\$15,350,000	*								0.128		3.207	
Searchlight - Eastern Portion Improvements	Searchlight	\$702,000	*											
Totals per Fiscal Year (x \$1,000,000)					14.970		16.538		18.997		21.000		21.835	
Clark County (Valley & Outlying) 10-Year Total : \$159,827,000														
CITY OF MESQUITE														
Phase II Bank Protection I15 to Virgin River	Town Wash	\$2,660,000	*		0.399	2.261								
Earthen Channel I15 to Virgin River	Abbott Wash	\$2,100,000	*		0.315	1.785								
I15 to Virgin River	Pulsipher Wash	\$1,200,000	*		0.180	1.020								
Totals per Fiscal Year (x \$1,000,000)					5.960		0.000		0.000		0.000		0.000	
City of Mesquite 10-Year Total : \$5,960,000														
BOULDER CITY														
Buchanan Channel Facilities (GBBC - 0062 thru 0148)	Georgia/ Buchanan	\$382,300	*								0.382			
Ville Drive Facilities (HMLV - 0028 thru 0064)	Hemenway	\$401,800	*											
Industrial Road Facilities (NRIN - 0000 thru 0087)	North Railroad	\$4,743,700	*		0.100		0.445		0.330		0.323		0.900	
Industrial Road Facilities (NRRR - 0000 thru 0016)	North Railroad	\$1,325,800	*				0.500				0.500		0.325	
Trailhead Facilities (HMTN - 0033 & 0054)	Hemenway	\$198,300	*						0.200					
Georgia Channel Facilities (GBGR - 0000 thru 0099)	Georgia/ Buchanan	\$554,500	*						0.550					
Lake Mountain Drive Facilities (HMLM -0000 thru 0085)	Hemenway	\$113,700	*		0.100									
Hemenway Channel Facilities (HMWA - 0004 thru 0181)	Hemenway	\$1,293,300	*		0.700									
Totals per Fiscal Year (x \$1,000,000)					0.900		0.945		1.080		1.205		1.225	
Boulder City 10-Year Total : \$9,101,000														
Annual Program Total (x \$1,000,000)					44.413		42.762		45.194		56.640		60.157	
Annual Projected Revenue (x \$1,000,000)					38.606		41.438		49.389		56.097		59.428	
Annual Programmed is Over/(Under) Projected Revenue (x\$1,000,000)					5.807		1.324		(4.195)		0.543		0.729	
Cumulative Program Total (x \$1,000,000)					205.538		248.300		293.494		350.134		410.291	
Cumulative Projected Revenue (x \$1,000,000)					200.979		242.417		291.806		347.903		407.331	
Cumulative Programmed is Over/(Under) Projected Revenue (x\$1,000,000)					4.559		5.883		1.688		2.231		2.960	
10-Year Total 99/00 thru 08/09: \$410,291,000														
10-Year Projected Revenue: \$407,330,745														

(a) Includes \$3.564M carry over from FY 98/99

EXHIBIT D

FUNDING SUMMARY

EXHIBIT D

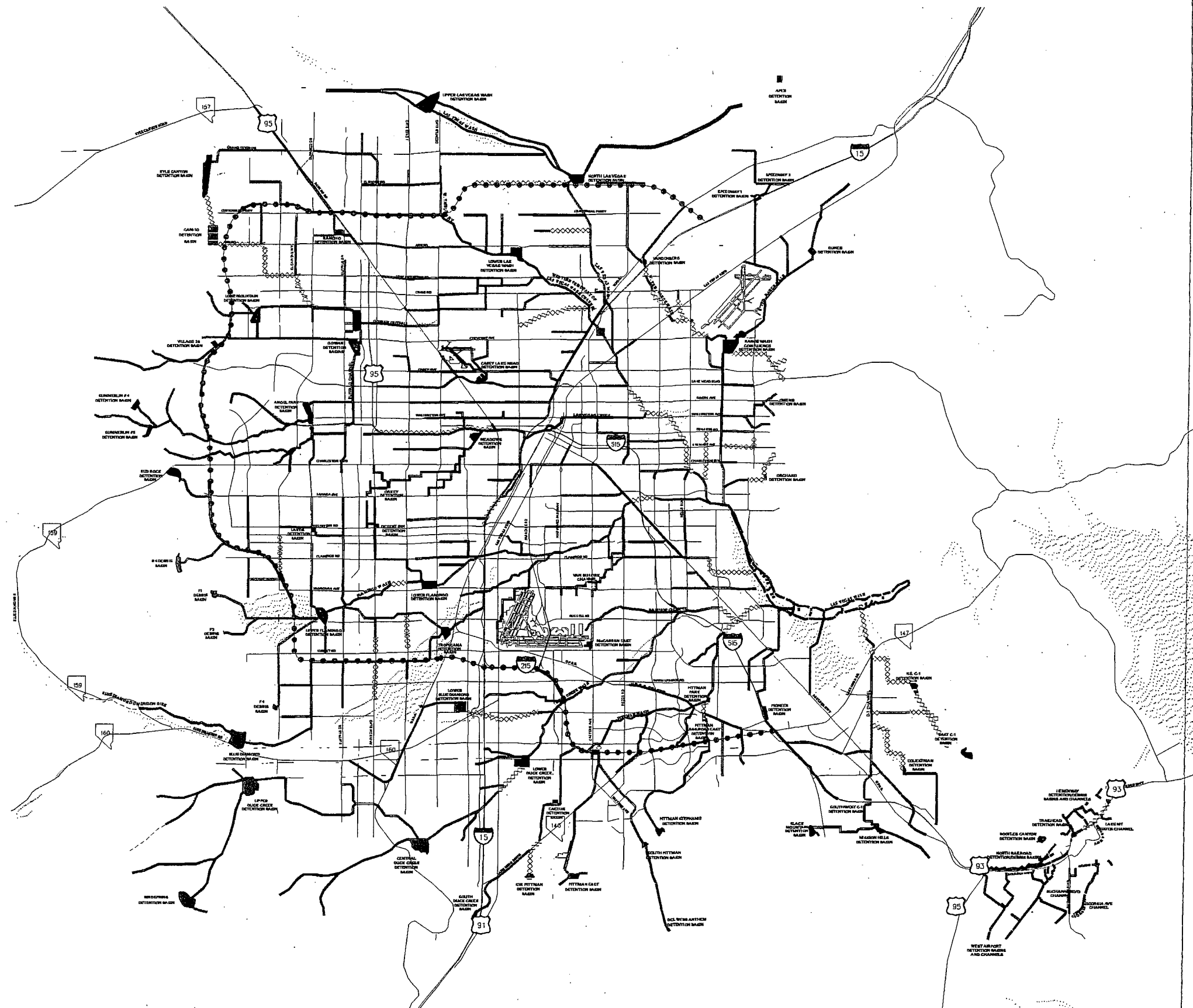
Planning Area/Entity	Programming Percentage	Current Funding		Funding Proposed on 10-Year Program	Estimated Total Through FY 06/07	Percent of Total	Percent of Total Over (Under) Programmed Amount
		Funding* Contracts	Percent of Funding				
Henderson : (Pittman/ C-1)	16.4%	59,190,483.71	12.1%	\$84,428,000	\$143,618,484	16.0%	(0.4%) (\$3,698,345)
Las Vegas: (Central/ Gowan)	23.5%	162,817,486.12	33.3%	\$53,093,000	\$215,910,486	24.0%	0.5% \$4,330,096
Clark County: (Tropicana-Flamingo/ Duck Cr.- Bl.Diamond/ Outlying)	35.4%	156,469,623.36	32.0%	\$159,827,000 (a)	\$316,296,623	35.2%	(0.2%) (\$2,000,387)
North Las Vegas: (Northern LV Wash/ Range/Lower LV Wash)	21.7%	96,608,072.86	19.8%	\$97,882,000	\$194,490,073	21.6%	(0.1%) (\$585,986)
Boulder City :	2.0%	9,076,416.03	1.9%	\$9,101,000	\$18,177,416	2.0%	(0.0%) (\$158,077)
Mesquite :	0.9%	4,362,145.65	0.9%	\$5,960,000	\$10,322,146	1.1%	0.2% \$2,112,699
TOTAL	100.0%	\$488,524,228	100.0%	\$410,291,000	\$898,815,228	100.0%	

(a) Includes \$25,564,000 for COE
Trop/Flamingo Project 98/99 thru
06/07

* Includes Project Close Outs and Present Interlocal Contracts as of June 24, 1999

MAPS

LAS VEGAS VALLEY TEN-YEAR CONSTRUCTION PROGRAM

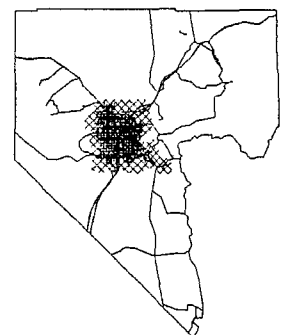


LEGEND

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

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

PLANNING AREA LOCATION KEY



CLARK COUNTY, NEVADA

APPROXIMATE SCALE 1:10048

VALCOL11X

May 1999

THIS MAP IS FOR GRAPHIC USE ONLY
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ACCURACY OF THE DATA DELINEATED
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DATA SOURCES:
FLOOD CONTROL FACILITY LAYER,
CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
STREET CENTERLINE LAYER,
CLARK COUNTY GIS
MANAGEMENT OFFICE
FLOOD ZONE LAYER,
FEMA

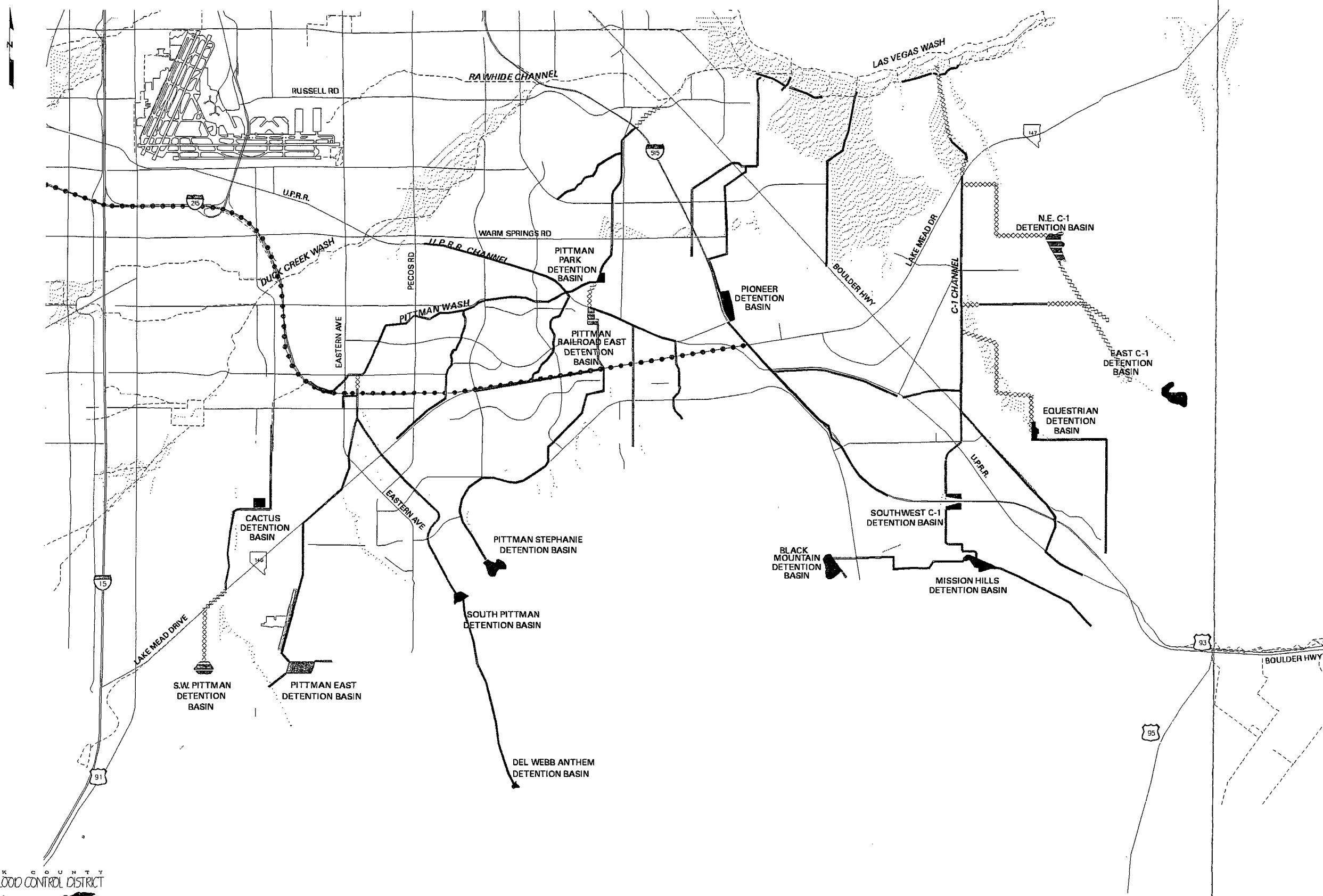
FLOOD INSURANCE (FIRM) INFORMATION:
FEMA 1985 DIGITAL FIRM, NOT THE
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HEREON. ALL INQUIRIES IN TO THE
STATUS OF CLARK COUNTY REGIONAL
FLOOD CONTROL DISTRICT FACILITIES
SHOULD BE MADE TO THE DISTRICT
OFFICE AT 301 E. CLARK AVENUE,
SUITE 301, LAS VEGAS, NEVADA 89101.

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT



GEOGRAPHIC INFORMATION SYSTEMS

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

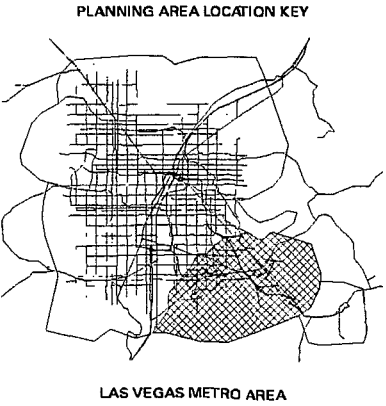


LEGEND

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

NOTE:
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Pre-design Studies or R-O-W
Acquisition.

NOTE: DASHED FACILITIES ARE
OUTSIDE OF THE PLANNING AREA



APPROXIMATE SCALE 1:7824

CPC011X

May 1999

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DATA SOURCES:
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CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
STREET CENTERLINE LAYER,
CLARK COUNTY GIS
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FLOOD ZONE LAYER,
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GOWAN AND CENTRAL BASIN PLANNING AREA TEN-YEAR CONSTRUCTION PROGRAM

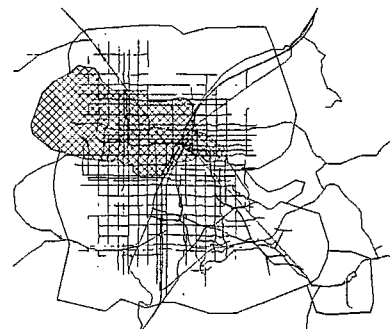
LEGEND

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

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

NOTE: DASHED FACILITIES ARE
OUTSIDE OF THE PLANNING AREA

PLANNING AREA LOCATION KEY



LAS VEGAS METRO AREA

APPROXIMATE SCALE 1:8256

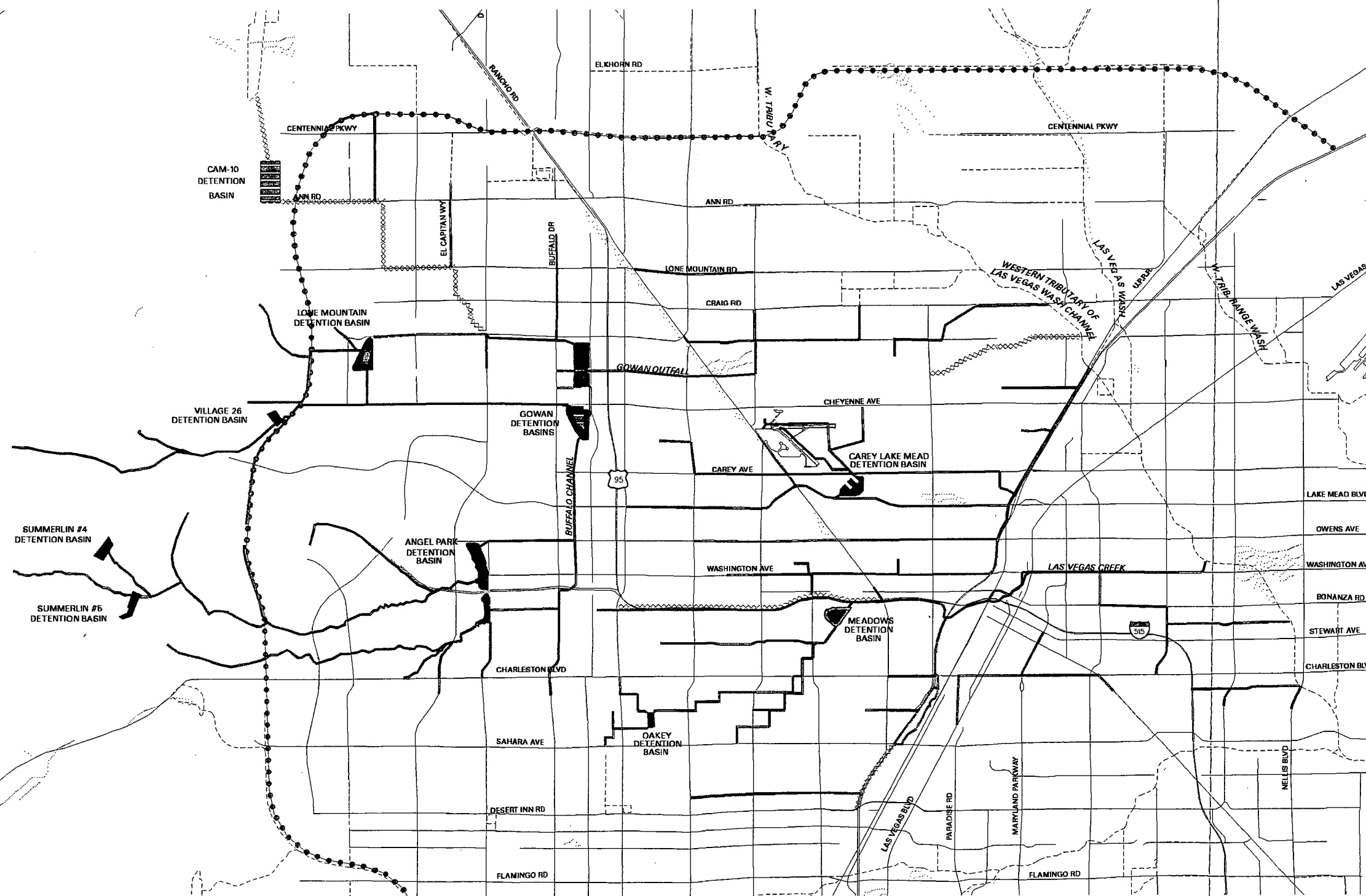
GCC0111X

May 1999

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CLARK COUNTY GIS
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FLOOD ZONE LAYER,
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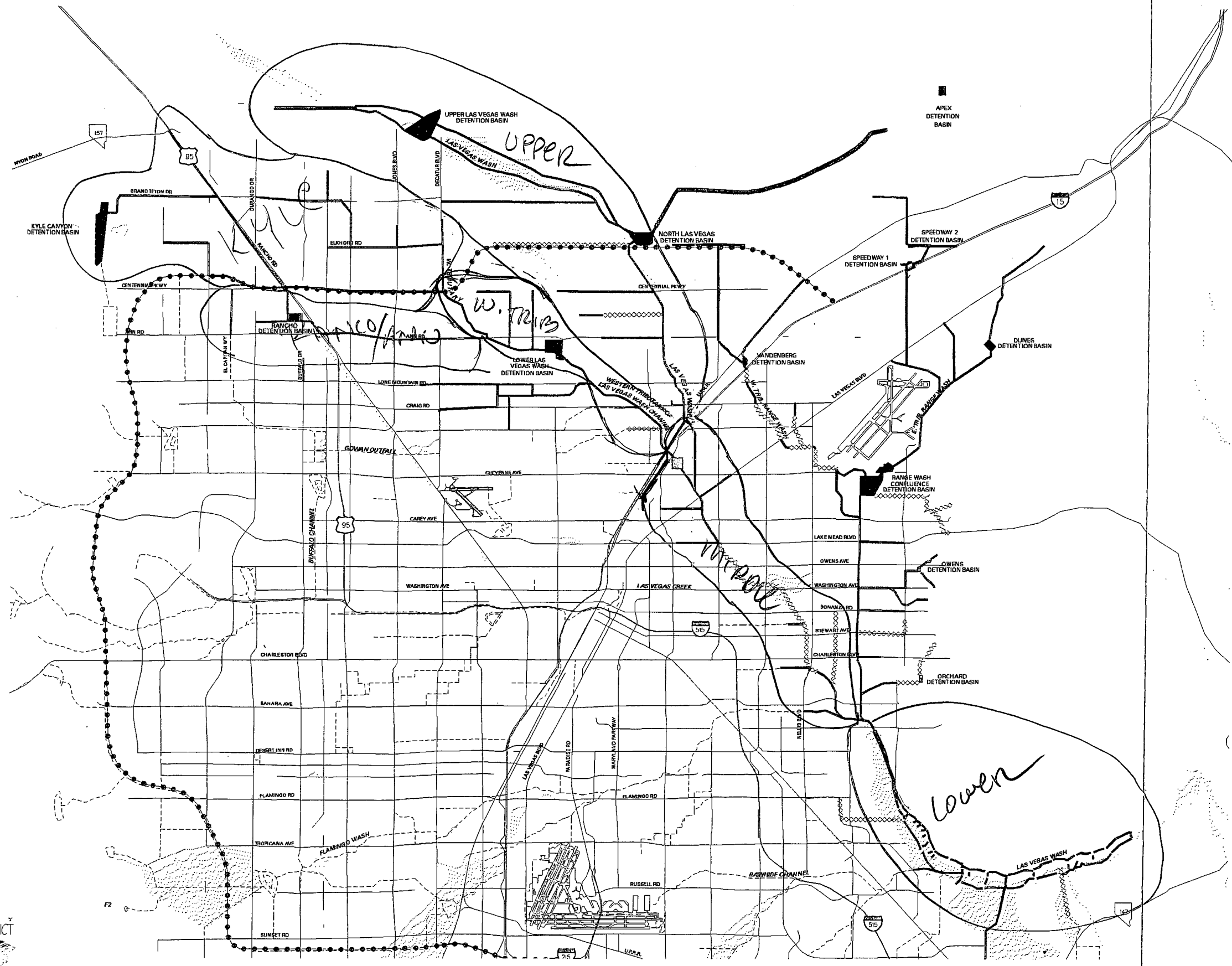


CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT



GEOGRAPHIC INFORMATION SYSTEMS

NORTHERN LAS VEGAS, RANGE, AND LOWER LAS VEGAS WASH PLANNING AREA TEN-YEAR CONSTRUCTION PROGRAM

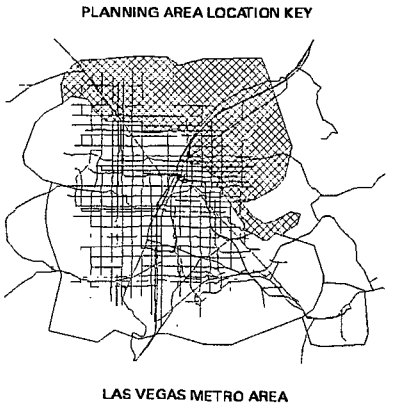


LEGEND

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

NOTE:
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Acquisition.

NOTE: DASHED FACILITIES ARE
OUTSIDE OF THE PLANNING AREA



APPROXIMATE SCALE 1:12237

NRLCOL11X

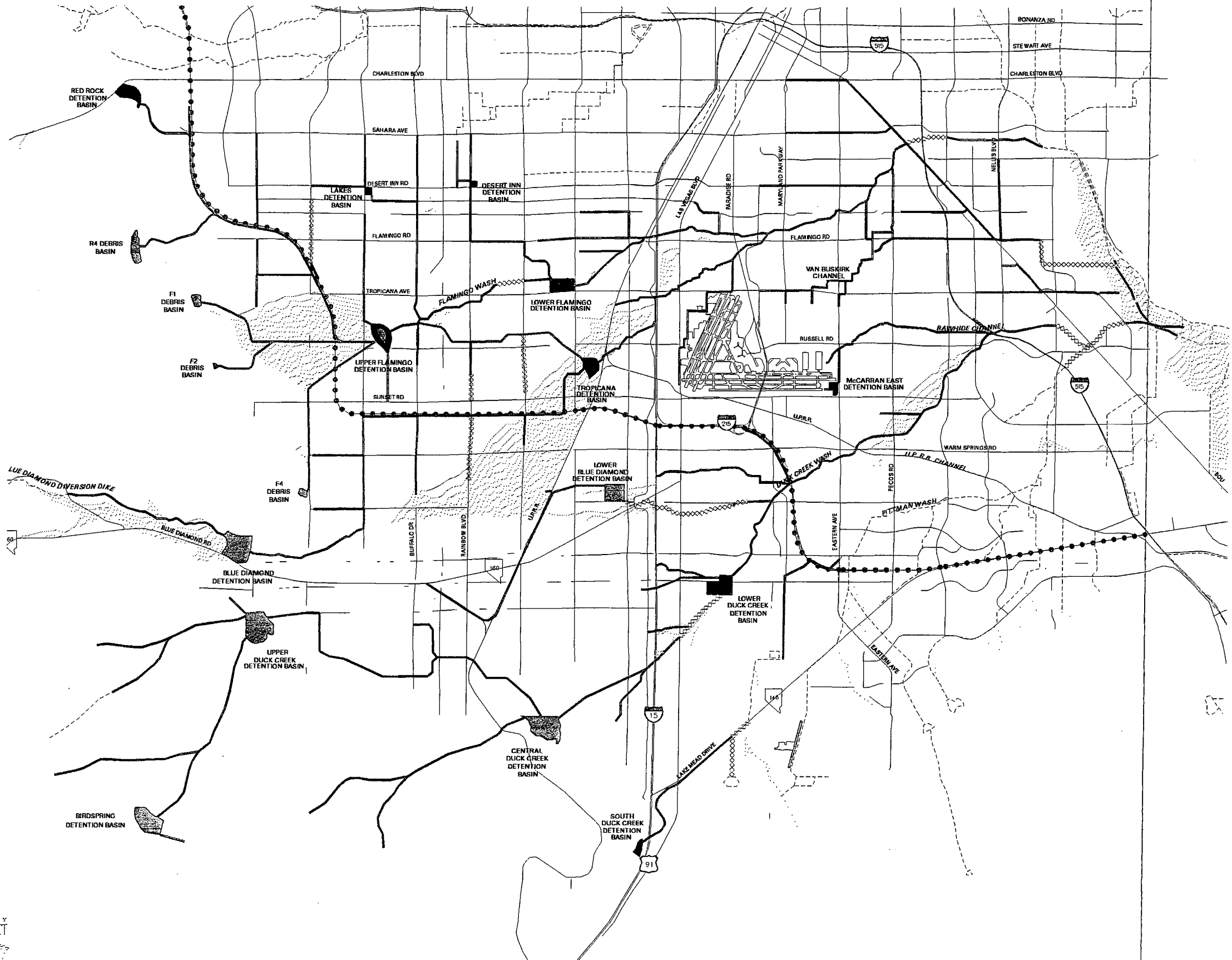
May 1999

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DATA SOURCES:
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FLOOD INSURANCE (FIRM) INFORMATION:
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FLAMINGO, TROPICANA, DUCK CREEK, AND BLUE DIAMOND PLANNING AREA TEN-YEAR CONSTRUCTION PROGRAM

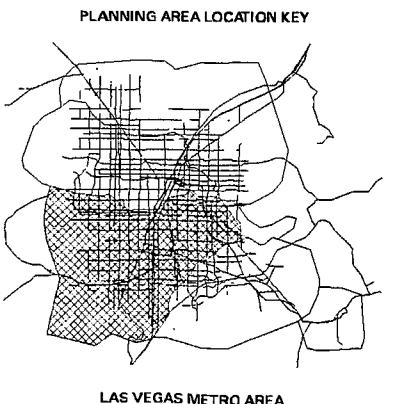


LEGEND

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

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

NOTE: DASHED FACILITIES ARE
OUTSIDE OF THE PLANNING AREA



APPROXIMATE SCALE 1:10615

DBFTCOL11X

May 1989

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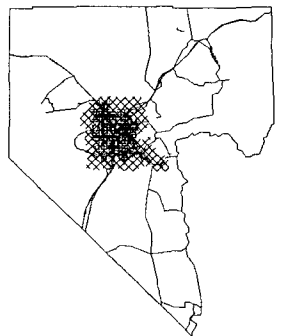
DATA SOURCES:
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CLARK COUNTY REGIONAL FLOOD
CONTROL DISTRICT
STREET CENTERLINE LAYER,
CLARK COUNTY GIS
MANAGEMENT OFFICE
FLOOD ZONE LAYER,
FEMA

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2



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

PLANNING AREA LOCATION KEY

CLARK COUNTY, NEVADA

APPROXIMATE SCALE 1:10048

VALCOLIX

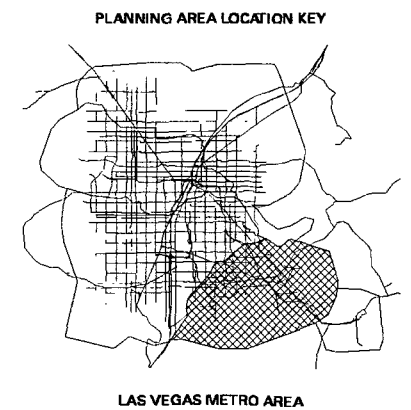
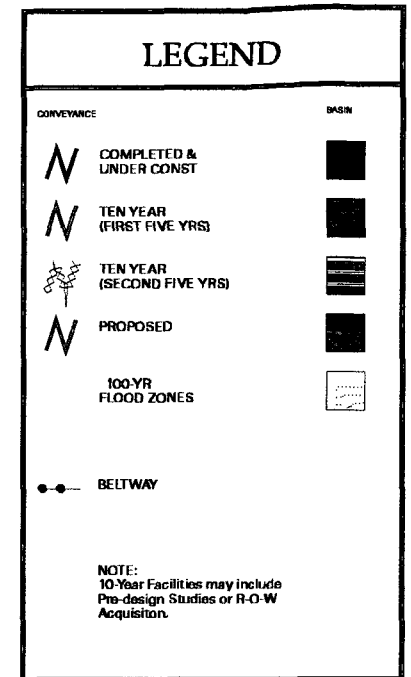
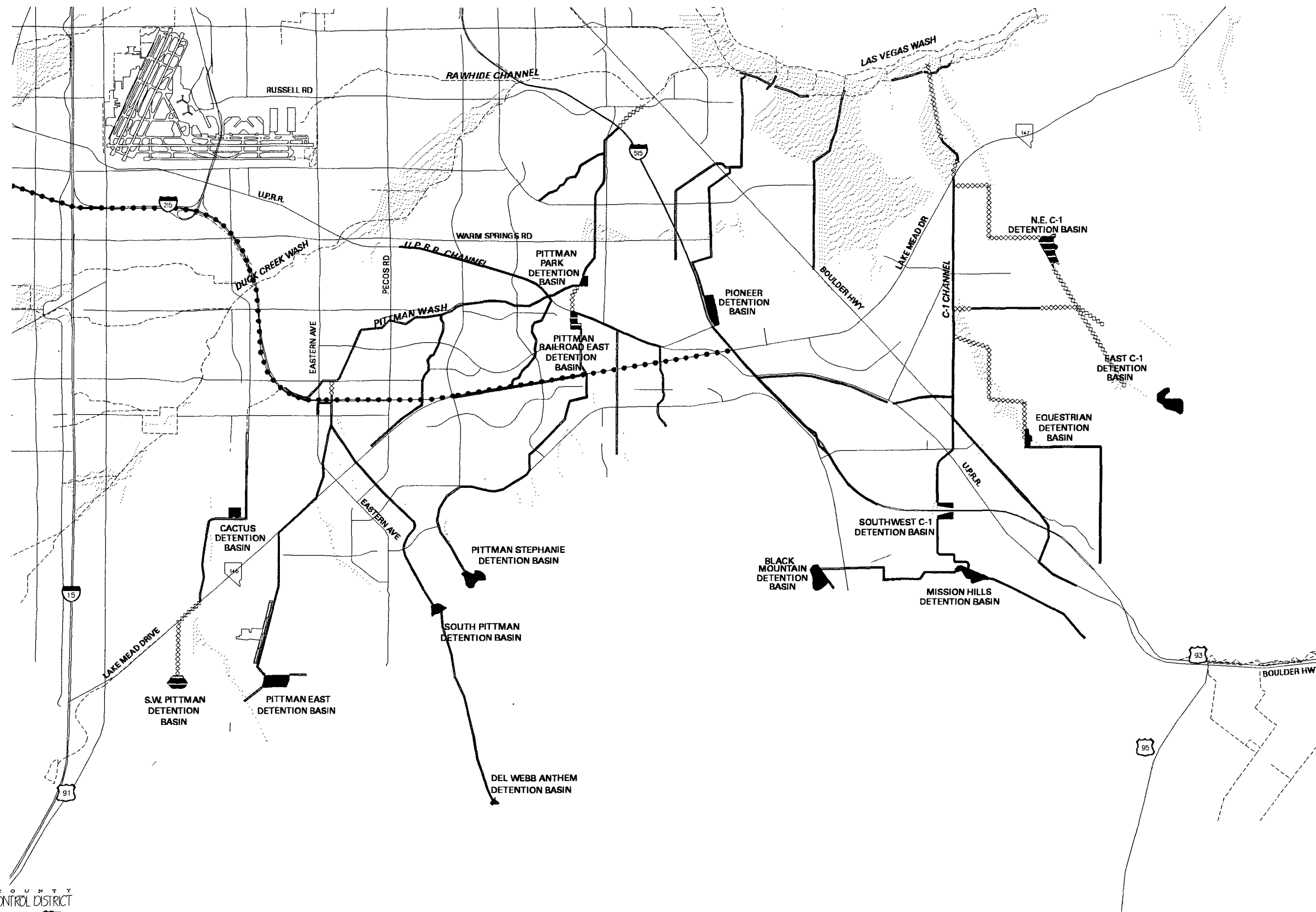
January 2000

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ACCURACY OF THE DATA DELINEATED
HEREON.

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

FLOOD INSURANCE (FIRM) INFORMATION:
FEMA 1995 DIGITAL FIRM. NOT THE
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OFFICE AT 301 E. CLARK AVENUE,
SUITE 301, LAS VEGAS, NEVADA 89101.

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



APPROXIMATE SCALE 1:7824

CPC0111X

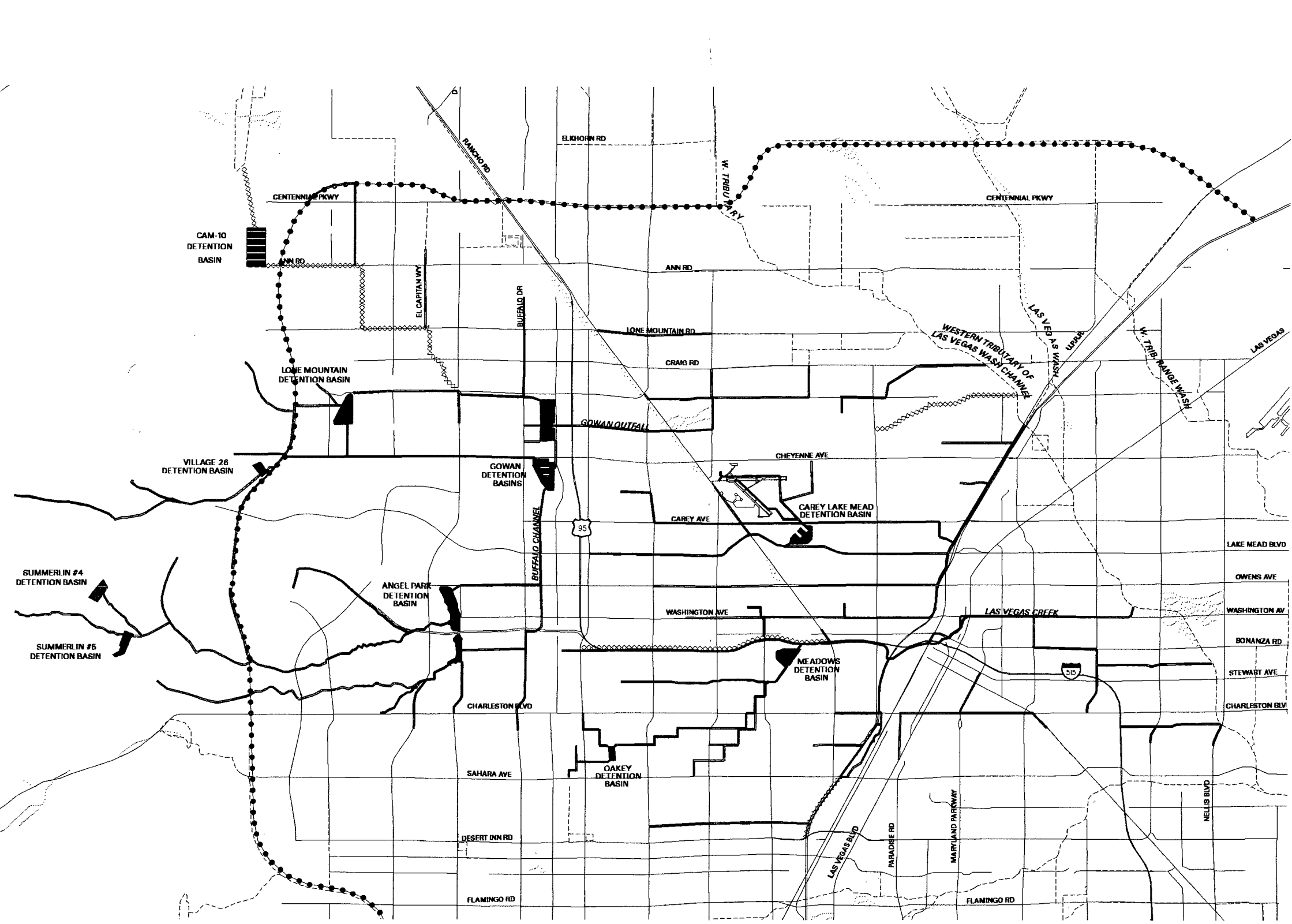
January 2000

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DATA SOURCES:
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CLARK COUNTY GIS
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FLOOD ZONE LAYER,
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GOWAN AND CENTRAL BASIN PLANNING AREA TEN-YEAR CONSTRUCTION PROGRAM

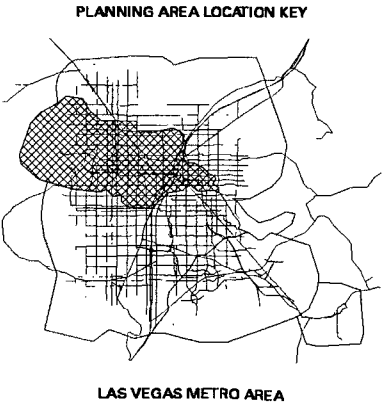


LEGEND

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

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

NOTE: DASHED FACILITIES ARE
OUTSIDE OF THE PLANNING AREA



APPROXIMATE SCALE 1:8256

GCC0111X

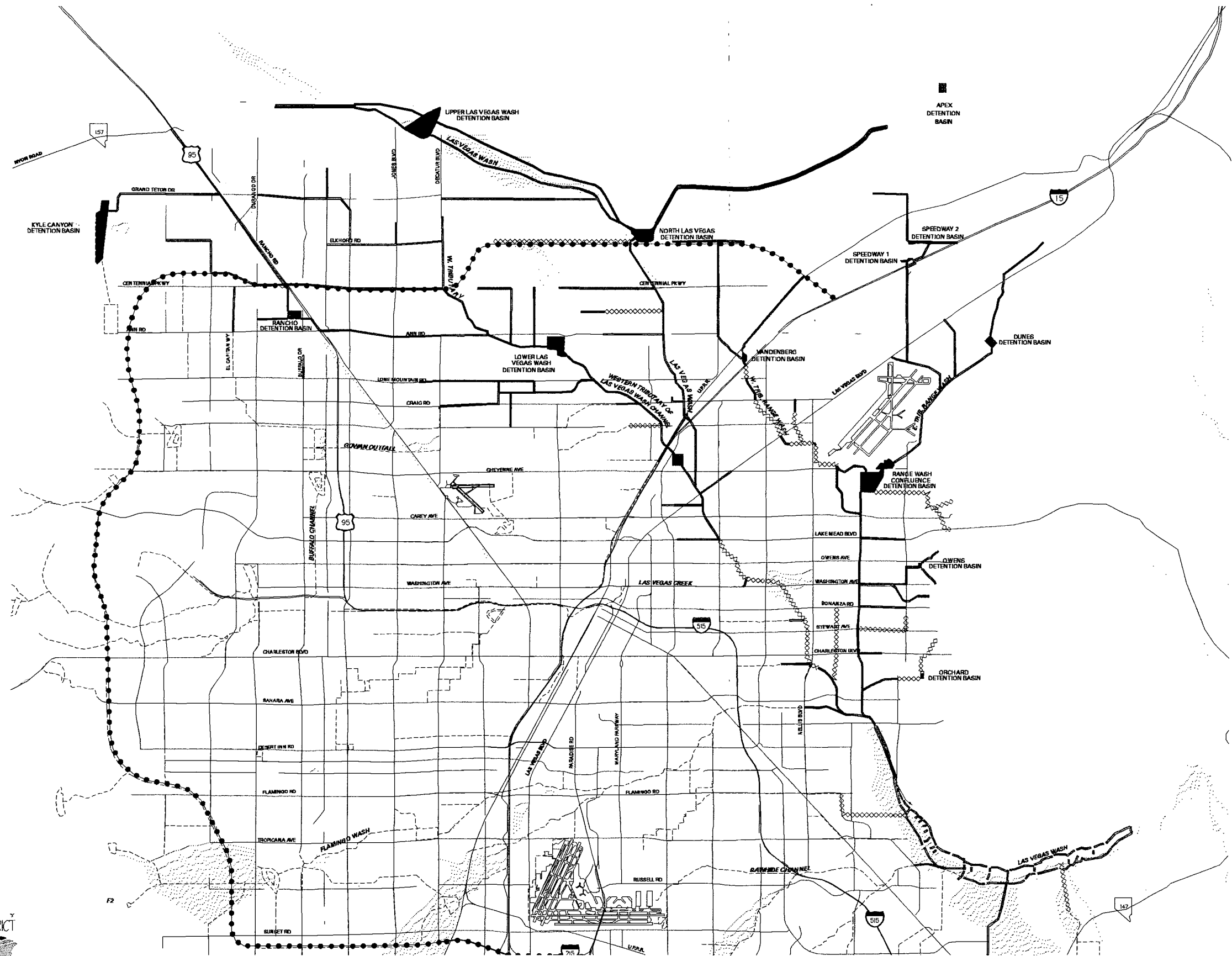
January 2000

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SUITE 201, LAS VEGAS, NEVADA 89101.

NORTHERN LAS VEGAS, RANGE, AND LOWER LAS VEGAS WASH PLANNING AREA TEN-YEAR CONSTRUCTION PROGRAM



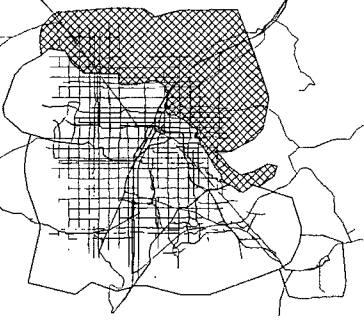
LEGEND

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

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

NOTE: DASHED FACILITIES ARE
OUTSIDE OF THE PLANNING AREA

PLANNING AREA LOCATION KEY



LAS VEGAS METRO AREA

APPROXIMATE SCALE 1:12237

NRLC0111X

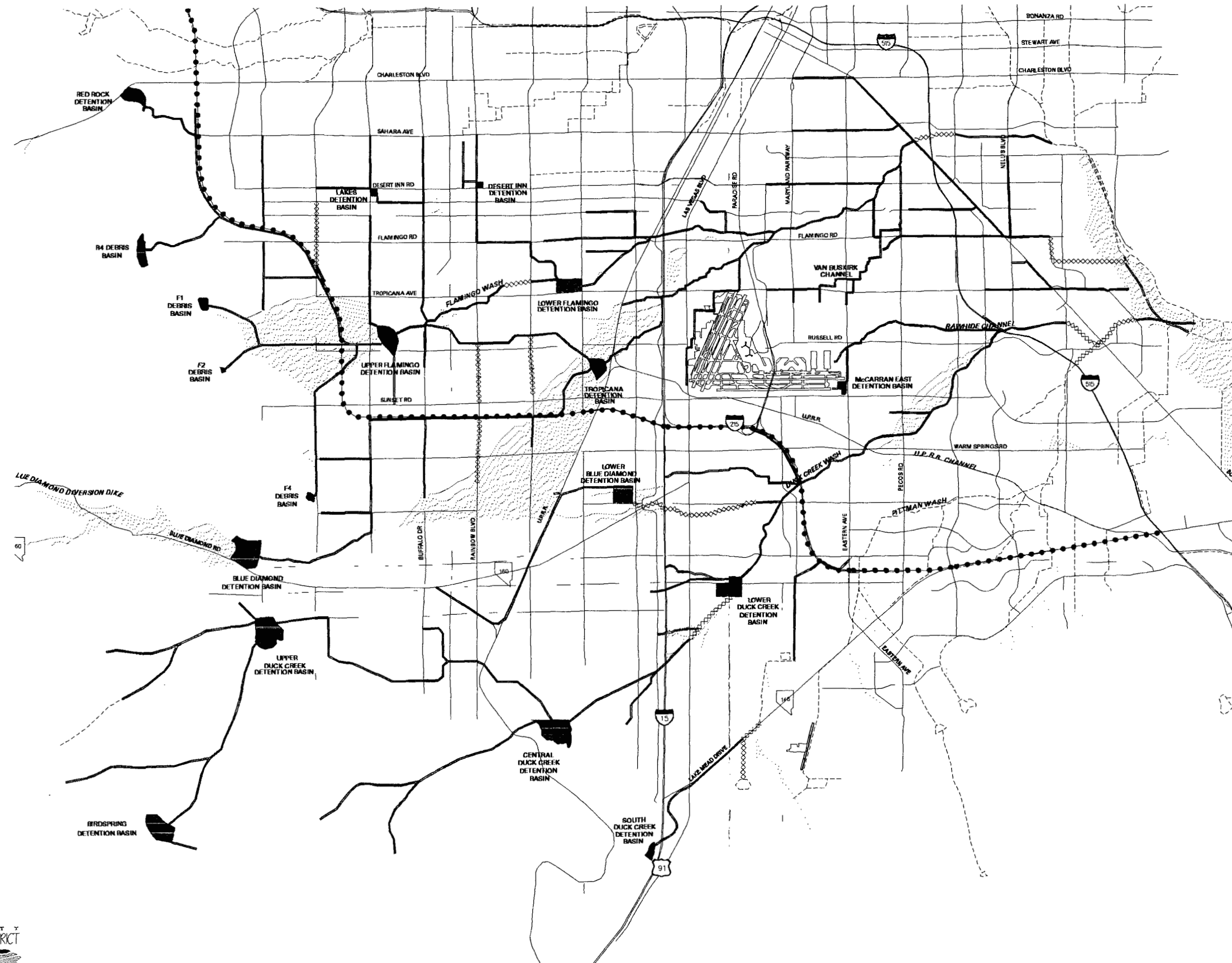
January 2000

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



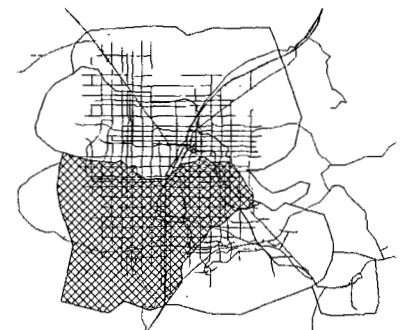
LEGEND

CONVEYANCE	BASIN

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

NOTE: DASHED FACILITIES ARE
OUTSIDE OF THE PLANNING AREA

PLANNING AREA LOCATION KEY



LAS VEGAS METRO AREA

APPROXIMATE SCALE 1:10615

DBF/COL11X

January 2000

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