CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

PRIORITIZATION OF PROJECTS, 10-YEAR CONSTRUCTION PROGRAM, AND FISCAL YEAR 1995/96 PROJECT LIST

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

DISCUSSION AND POSSIBLE ACTION TO APPROVE PROJECT PRIORITIZATION, 10-YEAR CONSTRUCTION PROGRAM, AND FISCAL YEAR 1995/96 PROJECT LIST

FISCAL IMPACT:

None.

Approval does not commit the District to provide funding. Funding will be committed by interlocal contract in accordance with District Policies and Procedures.

BACKGROUND:

On July 14, 1994, the Board approved the Prioritization of Projects, 10-Year Construction Program, and Fiscal Year 1994/95 Project List. Subsequently, two amendments were approved on April 13, 1995. The lists are required to be reviewed and updated on an annual basis; therefore, the agenda backup includes an update of the 10-Year period from FY 1995/96 to 2004/05.

The following exhibits are included in the backup:

> **Exhibit A - Planning Area Percentages** This exhibit includes costs for all Phase 1 Flood Control Facilities for each planning area. This exhibit has been revised to include the updated Phase 1 costs for Moapa Valley as presented in the Master Plan Update for the Moapa Valley adopted by the Board on January 12, 1995.

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TAC AGENDA	RFCD AGENDA
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Exhibit B - Revised Priority Values. This exhibit highlights revisions and additions to the tabulation of project priority values. All other priority values assigned to flood control facilities in the Las Vegas Valley remain unchanged. The last revision to the priority value tabulations was approved by the Board on July 14, 1994.

Exhibit C - Draft 10-Year Construction Program. This exhibit is based on the current 10-Year Construction Program with modifications to reflect: 1) funding encumbered by interlocal contract (removed from the list); 2) projects prioritized for funding by the Board (shown in the year funds are expected to be available); 3) requests for amendment to the fiscal year 94/95 project list and 10-year construction program; 4) expected revenues with Corps of Engineers' requirements; 5) the addition of FY 2004/05 (Year 10); 6) input received from each of the entities.

Exhibit D - Summary of Funding to Date. This exhibit is a summary of funding encumbered or requested through May 25, 1995, and depicts the remaining funding programmed on the 10-Year Construction Program (Exhibit C) and Bond Project List. This exhibit demonstrates the present level of funding expended for each planning area and indicates which planning area's 10-year programmed funding places it over or under the target percentages of Phase 1 Flood Control Facilities identified on Exhibit A.

Exhibit E - RFCD Actions to Amend the 10-Year Program. At the request of the Board at their April 13, 1995 meeting, this exhibit has been included and presents a summary of Board actions to amend the 10-Year program and policy criteria addressed with each amendment. The District's Policies and Procedures were amended in September of 1990 to incorporate the nine point plan for expediting projects adopted by the Board in August 1990. The first 10-Year program, subsequent to adoption of the 1991 Master Plan Update, was adopted by the Board in June 1992. This summary commences on August 13, 1992, the date of the first amendment thereafter.

Respectfully submitted,

Gale Wm. Fraser, II, P.E.
General Manager/Chief Engineer

TAC AGENDA	RFCD AGENDA
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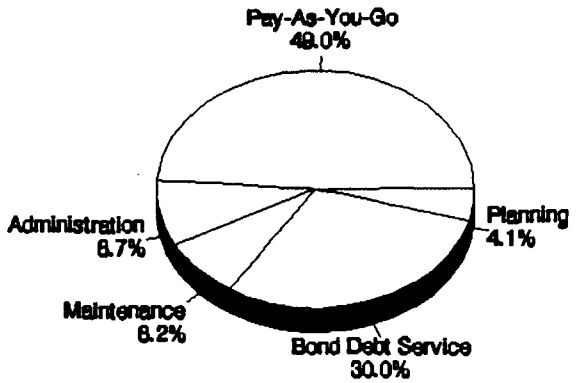
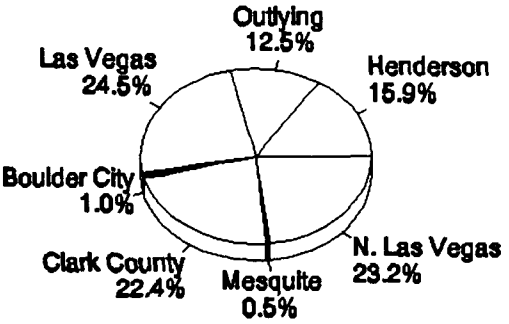
Background:

The proposed 10-Year Construction Program for the period from Fiscal Year 1995/96 through Fiscal Year 2004/05 is attached for your review and approval. 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 construction program, based upon an approximate 3% annual increase for the 10-year period, are estimated to be $247,768,543. 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 right.



TYPICAL ALLOCATION OF REVENUES

The target funding percentages for each hydrographic area were established based on a proportionate share of the costs of Phase 1 flood control facilities identified in the Master Plan. The Phase 1 costs were obtained from the various Master Plan updates that have been completed. Exhibit A, included in the backup, shows the costs of Phase 1 flood control facilities by entity (hydrographic area). The pie chart shown on the right 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 Plan.



PRORATED SHARE OF FUNDING BY ENTITY BASED ON MASTER PLAN

Since May 1987, the date the first 1/4% sales tax revenues were received, through the end of April 1995, the District has funded projects totalling approximately $221,000,000. The $221,000,000 also includes the $80,000,000 in general obligation bonds, secured by sales tax revenue, which were sold in November 1991. The District has also expedited funding for projects located in Boulder City and Mesquite in order to complete their larger projects which would have taken years for the funding to accrue at the percentages shown above.

Project Prioritization:

Annually, during review and development of the 10-Year Program, the relative priority of Master Plan projects are reviewed and the priority of any new projects are assessed. Exhibit B, included in the backup, tabulates the priority values for the flood control facilities which have been revised by the entities to reflect current conditions or for projects requested to be added to the program. Exhibit B also presents the criteria used in the evaluation of projects as prescribed in the District Policies and Procedures Section 2.5. During the development of the program this year, priority values were calculated for three new projects. They are:

McDonald Ranch Channel - This project is identified in the Master Plan as a Phase II facility. The City of Henderson has requested that this project be added to the Phase I list. Within the Pittman hydrographic area, this project is located on City of Henderson property and conveys runoff from the natural watercourse downstream of the McDonald Ranch Detention Basin to the Southern Beltway alignment (Lake Mead Drive). The estimated cost is $2.7 million dollars. The City of Henderson has calculated a priority value of 49.0 for this channel. This project is not included in this 10-Year Construction Program, but will be added in later years.

Oakey Drain - This is an addition to the 10-Year Program. This project is identified in the Master Plan as a Phase II facility. The City of Las Vegas has requested that this project be added to the Phase I list. This stormdrain is within the Central Basin and extends from I-15 to Valley View Boulevard. It will be constructed with a sewer and Regional Transportation Commission project thus limiting the District's funding commitment to oversizing of the stormdrain.

The estimated cost of this reach is $3.3 million. The priority value recommended by the City of Las Vegas is 91.5.

Several other projects have had their priority values re-evaluated. These projects are listed below:

Southwest C-1 Detention Basin (Black Mountain) - This basin will control runoff from the southwest area of the C-1 Channel System to be delivered to the Mission Hills Detention Basin. The estimated cost is $3.3 million. The project was previously assigned a priority value of 93.0 which has been by recalculated by the City of Henderson at 79.0.

Northeast C-1 Detention Basin & Outfall - previously prioritized for right-of-way acquisition only as a detention basin and collection levee, this project is now prioritized without the collection levee as a complete project with the outfall. This project is generally located at the base of the River Mountains and will control runoff from the northeast area of the C-1 Channel System. 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. The total programmed for this flood control facility is approximately $6.7 million. The project was previously assigned a priority value of 103.5. The City of Henderson has recalculated the priority for the detention basin and outfall at 77.5.

Northeast/East Levee - This is an addition to the 10-Year Program as a separate project from the Northeast Detention Basin. This project, within the C-1 hydrographic area, will consist of an 8.5 foot high rock levee which will collect runoff at the base of the River Mountains and direct it to the Northeast C-1 Detention. The estimated cost is $1.8 million. When evaluated with the detention basin, a priority value of 103.5 was assigned. The City of Henderson has calculated a priority value of 78.0 for this levee as a separate project.

Whitney Ranch Channel - Located in the Whitney Ranch area of Henderson, the project was previously assigned a priority value of 83.5 which has been recalculated by the City of Henderson at 55.5.

Cosmo World Detention Basin - This project does not appear on this 10-Year Program but will be added in later years. The project was previously assigned a priority value of 64.0 which has been recalculated by the City of Henderson at 54.0.

East C-1 Detention Basin - This basin controls the watershed upstream of the largest alluvial fan east of Henderson and is ideally situated in a narrow canyon within the River Mountains. 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. The project was previously assigned a priority value of 74.5 which has been recalculated by the City of Henderson at 87.5 in response to increased population affected.

Railroad Conveyance - This project does not appear on this 10-Year Program but will be added in later years. The project was previously assigned a priority value of 58.0 which has been recalculated by the City of Henderson at 53.5.

Equestrian Detention Basin Outfall - The project was previously assigned a priority value of 54.0 which has been recalculated by the City of Henderson at 66.0 in response to increased population affected.

McDonald Ranch Detention Basin - The project was previously assigned a priority value of 42.5 which has been recalculated by the City of Henderson at 51.5.

Pittman/Pecos Detention Basin - The priority value now applies to the total project rather than just right-of-way acquisition as previously prioritized. The project is 90% designed under contract to private developers. The project was previously assigned a priority value of 39.5 which has been recalculated by the City of Henderson at 83.0 in response to increased population affected.

10-Year Construction Program:

The proposed 10-Year Construction Program which totals $249,253,501 is outlined in the backup on Exhibit C. The location of 10-Year Construction Program projects are shown in the attached map labeled "Las Vegas Valley Ten-Year Construction Program". 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 (improved from Stephanie Street to Robindale Road Phase I and II)
- Pittman Wash Phase IIIA from Stephanie Street to I-515 (under construction)
- Union Pacific Railroad Channel, (located along the railroad from Pittman Wash to Eastern Avenue was recently completed)
- Mission Hills Detention Basin Project (construction completed)
- C-1 Channel from Lake Mead to Burkholder, (construction completed to Drake; contract awarded for Drake to Burkholder)

District funding since 1987 for the projects plus design efforts on future projects total approximately $24,196,000.

The projects proposed on the 10-Year Construction Program include the following:

<u>Mission Hills Western Diversion</u> - This project will increase the contributing drainage area to the Mission Hills Detention Basin. The

design and right-of-way acquisition is complete. A priority for construction funding was approved by the Board on April 13, 1995. Construction funding is expected to accrue by February of 1997. The total programmed for this facility is approximately $5.5 million.

Equestrian Drive Detention Basin and Collection System - This project is located in the southeast area of Henderson. The design and right-of-way acquisition is complete. A priority for construction funding was approved by the Board on January 12, 1995. Construction funding expected to accrue by December of 1995. Approximately $5.8 million is programmed for this facility.

Southwest C-1 Detention Basin - This basin will control runoff from the southwest area of the C-1 Channel System. Design, right-of-way engineering and construction is programmed in FY 97/98. This project is generally located at the base of Black Mountain. The total programmed for this flood control facility is approximately $3.4 million.

Northeast C-1 Detention Basin/Outfall - 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 00/01 with construction programmed in the following year. This project is generally located at the base of the River Mountains. The total programmed for this flood control facility is approximately $6.7 million.

Northeast C-1 Levee - The levee will collect runoff at the base of the River Mountains and direct it to the Northeast C-1 Detention Basin. The outfall will convey flow from the detention basin 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 01/02 and construction is programmed in FY 02/03. The total programmed for this flood control facility is approximately $1.8 million.

Sunset Detention Basin - This flood control facility is generally located south of the intersection of Boulder Highway and Sunset

Road. Design and right-of-way acquisition is expected in FY 98/99 with construction occurring in the following year. The amount for this flood control facility is $6.4 million.

C-1 Channel - Middle Reach (Drake to RR) - The design of the improvements to the middle reach of the C-1 Channel is programmed in FY 98/99 with improvements occurring in the following year. Funding programmed for this flood control facility totals approximately $5.2 million.

Pittman Park Detention Basin - This project is located just downstream of the UPRR at the upstream end of the existing lower Pittman Channel. It is at an existing sports park site and much of the excavation will soon be completed. Design and construction funding is programmed in FY 98/99. The 10-Year program includes approximately $0.6 million for this project.

Duck Creek Channel - Sunset to Newport Village - Design in the amount of $56,000 for this channel reach, extending approximately 1,100 feet upstream from Sunset Road, is programmed in FY 00/01 with $0.5 million programmed for construction in the same year.

East C-1 Detention Basin - This basin controls the watershed upstream of the largest alluvial fan east of Henderson and is ideally situated in a narrow canyon within the River Mountains. 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 99/00 with construction programmed for FY 00/01.

Pittman/Pecos Detention Basin - This basin is located at the base of the McCullough Range, south of Lake Mead Drive near the Pecos alignment. Construction funds are programmed in FY 00/01 in the amount of $2.9 million.

Whitney Ranch Channel - Located in the Whitney Ranch area of Henderson, funds for design and construction are programmed in FY 01/02 in the amount of $1.1 million.

Gibson Channel - This channel conveys flow along Gibson Road and natural flow paths from I-15 to Boulder Highway. Design and right-of-way engineering are programmed in FY 02/03 with construction programmed in the following year. Approximately $3.2 million is included on the 10-year program for this project.

Equestrian Basin Outfall - 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 03/04 with construction in the following year. The 10-Year program includes approximately $5.1 million for this project.

The funding programmed for the C-1 Channel and Pittman Wash Planning Areas in Henderson total approximately $49.9 million on the 10-Year Construction Program.

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 Stormdrain (located between Charleston Boulevard and Angel Park Detention Basin)
Angel Park Outfall Stormdrain (located in 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 (stormdrain located in Gowan Road between Tenaya Way and Decatur Boulevard)
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 (Nearing completion)
I-15 Freeway Channel (Constructed as part of the I-15/Sahara Avenue Interchange project)
Washington Avenue System (Las Vegas Creek from Las Vegas Wash along Sandhill Road to Washington Avenue then along Washington Avenue to Virgil (Complete); Virgil to Lena Street (Complete); Lena to Eastern (Under construction); Eastern to Sagman (Prioritized for funding projected to be available in the middle part of 1996)
Alta Stormdrain part of the Meadows Detention Basin Collection System (Completed)
Cheyenne Crossings developer participation project at Rampart, Soft Breezes and Soaring Gulls (Under construction)
Rampart stormdrain in conjunction with REC (Under construction).
Cheyenne Channel Gowan South Detention Basin to Buffalo Drive (Under construction).
Lone Mountain Detention Basin (Right-of-way Acquisition, Environmental Mitigation and Construction Engineering)

District funding since 1987 for the projects plus design efforts on future projects total approximately $61,040,000.

The projects proposed on the 10-Year Construction Program include the following:

Angel Park Detention Basin Expansion - The existing Angel Park Detention Basin will be expanded to provide more flow reduction and flood protection to the downstream system. Efforts to complete the expansion through Bureau of Land Management material sales failed. The City plans to contract for the remaining excavation and minimize cost by making the material available to various public projects. The $1.8 million for this project was prioritized by the Board on February 9, 1995. Funds are expected to accrue by April of 1996.

Washington Avenue/ I-15 Freeway Channel South System - This System, including the drainage of the Charleston Underpass, will undergo major improvements during the next 10 years. Construction and design funding is programmed in all ten years of the proposed 10-Year Construction Program. It is anticipated that Washington Avenue from Lena Street to the Spaghetti Bowl (I-15/I-515 Interchange) will be constructed along with the collection system from Charleston Boulevard to the Spaghetti Bowl. The segment north of Charleston Boulevard will collect most of the flows that presently inundate the Charleston Underpass. The system necessary to collect these flows (Freeway Channel South) is programmed for design in FY 00/01 and construction in FY 00/01 through FY 02/03. The total funding programmed for this system is approximately $30.3 million.

Oakey Drain - Extending from I-15 to Valley View Drive. This project has been added to take advantage of proposed sewer and RTC improvements thereby limiting District funding to the oversizing of the stormdrain. Design and construction are programmed in FY 96/97 totaling $2.6 million.

Gowan North Channel - This project originates at the Gowan Detention Basin and extends to the 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. Design of the reach from the detention basins to Lone Mountain Road is programmed to begin in FY 95/96 with

construction to be completed throughout the 10 year period. The project from Lone Mountain Road to the CAM-10 detention basin is programmed for design in FY 04/05. Total funding programmed for this flood control facility is approximately $7.9 million.

Freeway Channel North - This project is located west of I-15 and is comprised of a stormdrain in Washington Avenue from I-15 to Martin Luther King Boulevard. This project is expected to coincide with a street improvement project, thereby limiting the District's participation to oversizing of the stormdrain. Funding programmed for design in the amount of $70,000 is presently before the Board (July 1995) and construction is programmed in FY 96/97 is $700,000.

Owens Avenue System - This project is located west of I-15 and is comprised of a stormdrain 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 oversizing of the stormdrain. Design is programmed in FY 96/97 with construction the next year. Total funding programmed for this flood control facility is approximately $3.1 million.

Lone Mountain Outfall To Durango - This is the outfall for the Lone Mountain Detention Basin which is currently in its first phase of construction. The outfall outlets to the Gowan North System. Design is programmed in FY 97/98 with construction in the following year. The estimated total cost of the project is $1.2 million.

Colorado Avenue System - This facility consists of a stormdrain located in Colorado Avenue approximately 1300 feet south of Charleston from the Las Vegas Wash to I-515. Predesign is programmed in FY 99/00, final design in FY 02/03 with construction to begin in the following year. Approximately $5.4 million is included on the 10-Year program for this project.

The Central Basin and Gowan Planning Areas (Las Vegas) of the 10-Year Construction Program total $51.9 million.

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 (nearing completion)
- Camino Al Norte Crossing of the Western Tributary of the Las Vegas Wash (first developer participation contract with the District)
- Gowan Outfall project from Decatur Boulevard to the Western Tributary of the Las Vegas Wash
- Upper Las Vegas Wash Detention Basin and Diversion Dike project (located on the Las Vegas Wash at the upstream area of the Las Vegas Valley)
- Kyle Canyon Detention Basin
- Phase 1 Confluence Detention Basin - NAFB Golf Course Channel
- Sloan Channel (Range Wash) Stewart to Owens
- Lower Las Vegas Wash Detention Basin (Design Started)
- West Range Channel - Nellis AFB to Las Vegas Blvd (Design Started)

District funds since 1987 for the projects plus design efforts on future projects total approximately $63,657,000.

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

Sloan Channel (Range Wash) Improvements - The Sloan Channel Improvement project extends from the Las Vegas Wash northerly to Stewart Avenue. Design has already been funded and construction funding is programmed in FY 99/00, FY 02/03 and FY 03/04. The total amount programmed for this flood control facility is approximately $5.0 million.

Western Tributary of the Range Wash - This project is consists of channel improvements to the western tributary of the Range Wash (Sloan Channel) from Nellis AFB to the Union Pacific Railroad (UPRR) located upstream of Las Vegas Boulevard. Design of the reach below Las Vegas Boulevard is underway with right-of-way acquisition programmed in FY 96/97. Construction is programmed in FY 98/99, FY 99/00 and FY 02/03. Design and right-of-way acquisition for the reach from Las Vegas Boulevard to the UPRR is programmed in FY 00/01 with construction in the following year. The amount programmed for this flood control facility totals approximately $8.7 million.

Sunrise Mountain Detention Basin - This project includes four detention basins located east of the Range Wash (Sloan Channel) between Lake Mead Drive and Stewart Avenue. The design and right-of-way for these flood control facilities is programmed in FY 01/02. Construction is programmed in the last two years of the proghram. The total amount programmed is $3.9 million.

Lower Las Vegas Wash Detention Basin - This detention basin is located on the Western Tributary of the Las Vegas Wash near the intersection of Ann Road and Allen Lane. Engineering is underway with construction scheduled over FY 96/97 through FY 98/99. The total amount programmed for this flood control facility is $8.5 million.

Las Vegas Wash Western Tributary - The improvements to the Las Vegas Wash Western Tributary between Lake Mead Drive and

Camino Al Norte including the confluence structure at Craig Road are included in the program. Design of the reach below Las Vegas Boulevard is programmed in FY 96/97 with construction in FY 00/01. Design of the reach above Las Vegas Boulevard is programmed in FY 01/02 with construction distributed between FY 02/03 and FY 03/04. The amount programmed for this flood control facility is approximately $13.0 million.

Upper Las Vegas Wash The improvements to the Upper Las Vegas Wash from Craig Road to Ann Road are included in the program. Design is programmed in FY 03/04 with construction in the following year. Approximately $3.2 million is included on the 10-Year Program for this project.

East Range Wash Detention Basin The design of the East Range Wash Detention Basin is programmed in FY 03/04 with construction in the following year. Approximately $2.7 million is included on the 10-Year Program for this project.

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 $42.9 million.

Clark County
Duck Creek/Blue Diamond Planning Area
Tropicana/Flamingo Planning Area

A summary of the proposed program, along with major accomplishments for Clark County 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:

Upper Flamingo Detention Basin and Outfall
Rawhide Channel System
Van Buskirk Channel System (the final phase will start construction soon)
Winnick Avenue Improvements of the Flamingo Wash
Tomiyasu and La Casita crossings of Duck Creek
Flamingo Wash Bridges - Arville, Eastern, Paradise, Palos Verdes
East Range Wash Detention Basin Phase I (Nellis Golf Course Channel to Confluence Detention Basin)
Red Rock Detention Basin Expansion (To start construction summer 1995)

District funding since 1987 for the projects plus design efforts of future projects total approximately $50,458,000.

The projects proposed on the 10-Year Construction Program include the following:

Corps of Engineer's (COE) Tropicana/Flamingo Project - The Program includes approximately $41,142,000 in the first six years 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.

Lower Duck Creek Detention Basin - This project is located south of the intersection of Pebble Road and Bermuda Road. Pre-design and right-of-way acquisition has been completed. Final design is

programmed in FY 01/02 with construction spread over FY 01/02 and FY 02/03. The total programmed for this detention basin is approximately $8.3 millon.

Flamingo Wash (Tropicana Wash to Decatur Boulevard) - Design and right-of-way engineering for these wash improvements are programmed in FY 02/03 with construction spread over FY 02/03 and FY 03/04. Approximately $5.0 million is included in the 10-Year program for this project.

Flamingo Wash (McLeod to Tropicana Wash) - Design and right-of-way engineering for these wash improvements are programmed in FY 03/04 with construction spread over FY 03/04 and FY 04/05. Approximately $2.5 million is included in the 10-Year program for this project.

Buffalo/Desert Inn Drain; Rainbow Drain; Desert Inn Detention Basin Approximately $2.5 million is programmed in the final year of the 10-Year program for design, right-of-way and construction of this detention basin and collector stormdrain.

The Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Areas (Clark County) of the 10-Year Construction Program total approximately $60,410,000.

Clark County Outlying Areas

Projects funded by the District in the Outlying Areas since 1987 include:

Cooper Crossing in Moapa Valley
Logan (Benson) Wash Improvements in Moapa Valley
Unnamed Wash Improvements in Laughlin
Searchlight (to begin construction this summer)
Hiko Springs Detention Basin (SID and District Funded, construction to start this summer)
Goodsprings (design completed)

District funding for the projects plus the design of future projects total approximately $10,530,000.

The projects proposed on the 10-Year Construction Program for the Outlying Areas 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 96/97 in the amount of $500,000.

Bunkerville Improvements - This project as proposed, is a channel through the town. The Bunkerville Town Advisory Board has expressed a desire to have a detention basin and conveyance system in lieu of the proposed project. These concerns will be addressed in the Master Plan Update currently in progress. The design has been previously funded and additional construction funding is proposed in FY 96/97 in the amount of $1.6 million.

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 was prioritized for funding by the Board on January 12, 1995 and funds are expected to accrue by February 1996. FY 97/98 and FY 98/99 include $6.6 million for construction.

Overton Wash Improvements in Moapa Valley - The project has a total of $10.0 million programmed for design and construction in FY 98/99 through FY 04/05.

Blue Diamond Improvements - This project includes a dike and modifications to an existing bridge in Blue Diamond. Design and construction are programmed in FY 99/00 in the amount of $250,000.

Bridge Canyon Floodway and Outfall in Laughlin - This project consists of a collection and diversion channel from the apex of the Bridge Canyon alluvial fan to the Colorado River. The Master Plan cost estimate for these flood control facilities is $9,250,000. The 10-Year Construction Program proposes design in FY 99/00 in the amount of $576,000 and construction funding is proposed from FY 99/00 through FY 01/02 in the amount of $9.3 million.

Hiko Springs Detention Basin Outfall in Laughlin - Funding for the design of the outfall for the Hiko Springs Detention Basin is programmed in FY 96/97 with construction spread over FY 96/97 and FY 97/98. Approximately $3.0 million is programmed for this project.

Indian Springs Improvements - The project includes two diversion dikes and a bridge to provide flood control to Indian Springs. The design is programmed in FY 00/01 in the amount of $100,000 with construction in the amount of $495,000 in the following year.

The Outlying Area of the 10-Year Construction Program totals approximately $33,809,000.

Boulder City

Projects completed since 1987 include:

Buchanan Boulevard Channel
Georgia Avenue Channel
Hemenway Wash Improvements

These projects total approximately $6,542,000 in District funding. The Hemenway Wash Improvements project cost was $5,516,000. In order to complete this sizable project in a timely manner, the funding was expedited. Due to the expedited funding for projects in Boulder City, along with the percentage of Phase 1 Flood Control Facilities, no projects had been proposed on the previous 10-Year Construction Programs since FY 91/92.

With this 10-year program Boulder City is introduced again with funding proposed in Year 10. Funding in the amount of $5.1 million is provided in the following planning areas of Boulder City:

West Airport Watershed
North Railroad Watershed
Georgia and Buchanan Watershed

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 the program.

Mesquite

The Town Wash Detention Basin was funded by the District in previous years. This project totalled 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 Phase 1 Flood Control Facilities, no projects had been proposed on the previous 10-Year Construction Programs since FY 91/92.

With this 10-year program the City of Mesquite is introduced again with funding proposed in Year 10. 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.

FY 95/96 Project List:

The first year of the 10-Year Construction Program comprises the recommended FY 95/96 Project List. The project list totals $24,722,000 and is funded from the estimated 1/4% sales tax revenue, a carry over amount from the previous fiscal year and funds remaining from previous set asides for the Corps of Engineers Tropicana/Flamingo Washes project. Projected revenue for the first year is $28,238,000. The proposed FY 95/96 Project List is as follows:

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

Equestrian Drive Detention Basin: Construction in the amount of $5,800,000 (Prioritized for funding by Board action January 12, 1995; funds expected to accrue by December 1995)

Total First Year: $5,800,000

Las Vegas (Central Basin and Gowan Planning Areas):

Angel Park Detention Basin Expansion: $1,785,000 is programmed to contract for the expansion of the storage. (Prioritized for funding by Board action February 9, 1995; funds expected to accrue by April of 1996)

Washington Avenue System: $3,805,000 is programmed for construction of the project from Eastern to Sagman. (Prioritized for funding by Board action April 13, 1995; funds expected to accrue by August of 1996)

Oakey Drain: $110,000 is programmed for design in order to identify opportunities for combination with RTC project thus resulting in cost savings to both funding sources.

Gowan North Channel: $300,000 is programmed for design of the reach from the North Gowan Detention Basin to Lone Mountain Road.

Freeway Channel North (Washington Avenue I-15 to Martin Luther King): $70,000 is programmed for design.

Total First Year: $6,071,000

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

There are no projects included on the FY 95/96 project list in the wake of the completion of the $14.4 million Kyle Canyon Detention Basin.

Total First Year: $0

Clark County (Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Area):

Corps of Engineer's Tropicana/Flamingo Project: $11,201,000 is programmed to meet the forecasted demands for local share for the project. Unexpended funds set aside in the previous year, in the amount of $6.2 million, were applied to expected revenue projections to fund this years Corps activities.

Total First Year: $11,201,000

Outlying Areas:

Muddy River: Design and right-of-way acquisition is programmed in the amount of $1,650,000 for this project in the Moapa Valley. (Prioritized for funding by Board action January 12, 1995; funds expected to accrue by February of 1996)

Total First Year: $1,650,000

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EXHIBIT A

Exhibit A

PHASE 1 CONSTRUCTION PROGRAM

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Entity	Planning Area		Phase 1 Costs	Percent of Phase 1
Henderson :				
	C-1 Channel Planning Area (a)		$27,000,000	
	Pittman Wash Planning Area (c)		$37,188,000	
		Total	$64,188,000	15.9%
Las Vegas (Central Las Vegas Valley) :				
	Central Basin Planning Area (b)		$53,560,000	
	Gowan Planning Area (a)		$45,720,000	
		Total	$99,280,000	24.5%
North Las Vegas (Northern Las Vegas Valley) :				
	Nothern Las Vegas Wash Planning Area (a)		$52,740,000	
	Range Wash Planning Area (a)		$28,560,000	
	Lower Las Vegas Wash Planning Area (a)		$12,440,000	
		Total	$93,740,000	23.2%
Clark County (Southwest Las Vegas Valley) :				
	Duck Cr/Blue Diamond Planning Area (a)		$33,000,000	
	Flamingo/Tropicana Planning Area (a)		$57,440,000	
		Total	$90,440,000	22.4%
Clark County (Outlying Area) :				
	Outlying Planning Area (f)		$50,609,827	
		Total	$50,609,827	12.5%
Boulder City :				
	Boulder City Planning Area (d)		$4,220,000	
		Total	$4,220,000	1.0%
Mesquite :				
	Mesquite Planning Area (e)		$2,040,000	
		Total	$2,040,000	0.5%
	TOTAL		**$404,517,827**	**100.0%**

Notes:

(a) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM

(b) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM modified by City of Las Vegas

(c) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM modified by City of Henderson

(d) - Phase 1 Construction Program from "Boulder City Flood Control Master Plan ," dated July 1990, by Coe and Van Loo

(e) - Phase 1 Construction Program from "City of Mesquite Flood Control Master Plan Update," dated October 1991, by CH2M Hill

(f) - Phase 1 Construction Program totals $39,083,000 for the Outlying Areas from the following sources :
$14,369,000 - from "Flood Control Master Plan for Moapa Valley, Nevada," dated November 1994, by Montgomery Watson
$1,863,000 - from "Flood Control Master Plan, Bunkerville, Nevada," dated May 1990, by The Mark Group
$19,800,000 - from "Hiko Springs and Unnamed Wash, Laughlin - Big Bend Area," dated May 1989, by Boyle
$9,640,000 - from "Bridge Canyon Wash Flood Control Master Plan," dated September 1990, by Coe and Van Loo
$2,470,000 - from "Master Plan Update , Outlying Areas," dated September 1991, by G.C. Wallace, the following :

Blue Diamond : $169,881
Goodsprings : $352,737
Indian springs : $594,700
Nelson : $193,810
Searchlight : $405,807
Stateline : $750,892

EXHIBIT B

Project Prioritization

Proposed Amendments 1995

Exhibit B

As Amended by the Board on August 13, 1992; November 12, 1992; December 10, 1992; August 11, 1993; July 14, 1994

file:n:\CCRFCD\10year\fy95_96\prir9596.xls

Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
HENDERSON :													
UPRR Channel	Pittman	$3,086,000	5 25.0	5 22.5	5 20.0	3 10.5	5 15.0	2 5.0	4 8.0	5 7.5	4 4.0	4 2.0	42 119.5
Lower C-1 Channel (Lake Mead Dr. - Drake St.)	C-1 Ch.	$4,140,000	5 25.0	4 18.0	2 8.0	5 17.5	5 15.0	2 5.0	4 8.0	4 6.0	2 2.0	4 2.0	37 106.5
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	2 10.0	4 18.0	4 16.0	4 14.0	4 12.0	3 7.5	4 8.0	3 4.5	1 1.0	3 1.5	32 92.5
Mission Hills Detention Basin and Collection System (incl. ROW)	C-1 Ch.	$6,120,000	4 20.0	4 18.0	3 12.0	4 14.0	4 12.0	4 10.0	4 8.0	4 6.0	2 2.0	3 1.5	36 103.5
Southwest C-1 Detention Basin (ROW acq.)	C-1 Ch.	$15,000	3 15.0	4 18.0	3 12.0	3 10.5	2 6.0	1 2.5	4 8.0	3 4.5	1 1.0	3 1.5	27 79.0
Northeast C-1 Detention Basin & Outfall	C-1 Ch.	$6,520,000	3 15.0	4 18.0	3 12.0	3 10.5	2 6.0	1 2.5	4 8.0	2 3.0	1 1.0	3 1.5	28 77.5
Equestrian Dr Detention Basin & Collection System (incl. ROW)	C-1 Ch.	$4,780,000	4 20.0	4 18.0	4 16.0	3 10.5	4 12.0	4 10.0	3 6.0	4 6.0	3 3.0	3 1.5	36 103.0
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	3 15.0	3 13.5	4 16.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	4 4.0	4 2.0	31 80.0
Pittman Park Detention Basin	Pittman	$565,000	2 10.0	3 13.5	3 12.0	4 14.0	3 9.0	4 10.0	5 10.0	5 7.5	3 3.0	3 1.5	35 90.5
Duck Creek Channel, Sunset to Newport Village	Duck Creek	$560,300	3 15.0	3 13.5	4 16.0	3 10.5	2 6.0	1 2.5	3 6.0	3 4.5	4 4.0	5 2.5	31 80.5
Pittman Wash (Duck Creek - Stephanie St)	Pittman	$4,390,000	1 5.0	5 22.5	3 12.0	5 17.5	2 6.0	4 10.0	5 10.0	4 6.0	2 2.0	2 1.0	33 92.0
Whitney Ranch Channel	Pittman	$1,092,000	1 5.0	4 18.0	4 16.0	1 3.5	1 3.0	1 2.5	2 4.0	1 1.5	1 1.0	2 1.0	18 55.5
Gibson Conveyance System	Pittman	$2,980,000	1 5.0	2 9.0	2 8.0	4 14.0	3 9.0	2 5.0	4 8.0	2 3.0	2 2.0	3 1.5	25 64.5
Cosmo World Detention Basin (incl. ROW)	Pittman	$9,660,000	1 5.0	3 13.5	1 4.0	1 3.5	4 12.0	1 2.5	4 8.0	2 3.0	2 2.0	1 0.5	20 54.0
East Detention Basin (incl. ROW)	C-1 Ch.	$1,630,000	4 20.0	3 13.5	3 12.0	4 14.0	3 9.0	1 2.5	3 6.0	4 6.0	3 3.0	3 1.5	31 87.5
Railroad East Conveyance & Detention Basin	Pittman	$5,608,000	1 5.0	2 9.0	1 4.0	2 7.0	2 6.0	3 7.5	4 8.0	3 4.5	2 2.0	1 0.5	21 53.5
Equestrian Dr Detention Basin Outfall	C-1 Ch.	$5,070,000	2 10.0	3 13.5	2 8.0	2 7.0	3 9.0	2 5.0	4 8.0	2 3.0	2 2.0	1 0.5	23 66.0
Mac Donald Ranch Detention Basin (ROW acq.)	Pittman	$70,000	1 5.0	3 13.5	0 0.0	1 3.5	4 12.0	2 5.0	4 8.0	2 3.0	1 1.0	1 0.5	52 51.5
Pittman Pecos Detention Basin	Pittman	$3,468,000	4 20.0	4 18.0	1 4.0	1 3.5	4 12.0	4 10.0	4 8.0	4 6.0	1 1.0	1 0.5	83 83.0
Northeast/East Levee	C-1 Ch.	$1,830,300	3 15.0	4 18.0	4 16.0	3 10.5	2 6.0	1 2.5	3 6.0	1 1.5	1 1.0	3 1.5	78 78.0
McDonald Ranch Channel	Pittman	$120,000	1 5.0	2 9.0	1 4.0	0 0.0	4 12.0	2 5.0	4 8.0	3 4.5	1 1.0	1 0.5	49 49.0

Project Prioritization

Proposed Amendments 1995

As Amended by the Board on August 13, 1992; November 12, 1992; December 10, 1992; August 11, 1993; July 14, 1994

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Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
LAS VEGAS (Central Las Vegas Valley) :													
Carey Ave/Lake Mead Detention Basin	Central	$4,200,000	4 20.0	3 13.5	4 16.0	3 10.5	5 15.0	4 10.0	3 6.0	5 7.5	1 1.0	3 1.5	35 101.0
Oakey Detention Basin and Collection System	Central	$6,600,000	4 20.0	4 18.0	3 12.0	5 17.5	2 6.0	5 12.5	3 6.0	4 6.0	1 1.0	4 2.0	35 101.0
Oakey Detention Basin Outfall	Central	$3,890,000	4 20.0	4 18.0	3 12.0	5 17.5	2 6.0	5 12.5	3 6.0	4 6.0	1 1.0	4 2.0	35 101.0
Gowan Outfall Structure (Decatur - Tenaya Way)	Gowan	$4,530,000	4 20.0	4 18.0	5 20.0	4 14.0	2 6.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	34 100.5
Gowan Detention Basins	Gowan	$11,560,000	4 20.0	4 18.0	5 20.0	4 14.0	2 6.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	34 100.5
Angel Park Detention Basin Expansion	Gowan	$100,000	4 20.0	4 18.0	2 8.0	4 14.0	4 12.0	5 12.5	5 10.0	2 3.0	1 1.0	4 2.0	35 100.5
Cheyenne Channel	Gowan	$1,000,000	3 15.0	3 13.5	4 16.0	4 14.0	4 12.0	5 12.5	5 10.0	3 4.5	1 1.0	4 2.0	36 100.5
Peccole Ranch Outfalls (Rampart Storm Drain)	Gowan	$1,490,000	3 15.0	3 13.5	3 12.0	4 14.0	4 12.0	5 12.5	5 10.0	5 7.5	1 1.0	4 2.0	37 99.5
Washington Avenue Channel - Reach 1 (Las Vegas Wash - Honolulu)	Central	$7,740,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 2 (Honolulu - Mojave Rd)	Central	$5,750,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 3 (Mojave Rd - 24th St)	Central	$3,420,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 4 (24th St - F St)	Central	$4,080,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Ave Channel Parallel Drain to F St.	Central	$7,680,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0

Project Prioritization

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Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
LAS VEGAS (Central Las Vegas Valley) (continued):													
Phase 1 Charleston Underpass Solution/Freeway Conveyance	Central	$9,380,000	5 25.0	3 13.5	5 20.0	5 17.5	2 6.0	2 5.0	2 4.0	3 4.5	1 1.0	4 2.0	32 98.5
Buffalo Channel (Vegas Dr - Charleston)	Gowan	$3,980,000	3 15.0	3 13.5	3 12.0	3 10.5	4 12.0	4 10.0	5 10.0	4 6.0	2 2.0	3 1.5	34 92.5
Gowan North Channel (Detention Basin - Lone Mountain)	Gowan	$4,960,000	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	5 10.0	2 3.0	1 1.0	4 2.0	30 87.5
Gowan North Channel (Lone Mountain - CAM-10 Detention Basin)	Gowan	$7,250,000	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	5 10.0	2 3.0	1 1.0	4 2.0	30 87.5
CAM-10 Detention Basin (West Centennial)	Gowan	$3,510,000	3 15.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	4 8.0	2 3.0	1 1.0	4 2.0	28 80.5
West Charleston Drain (Martin L. King - Rancho Dr.)	Central	$1,900,000	4 20.0	2 9.0	4 16.0	4 14.0	2 6.0	1 2.5	2 4.0	4 6.0	1 1.0	2 1.0	26 79.5
Freeway Channel North - Drain and Culvert (Washington W. of I-15)	Central	$3,000,000	3 15.0	3 13.5	3 12.0	3 10.5	2 6.0	1 2.5	5 10.0	4 6.0	1 1.0	2 1.0	27 77.5
I-15 Freeway Channel (Sahara Avenue to Charleston)	Gowan	$1,492,000	4 20.0	3 13.5	5 20.0	5 17.5	2 6.0	2 5.0	2 4.0	3 4.5	1 1.0	4 2.0	31 93.5
Meadows-Alta Phase V (Falcon Lane to Jones Boulevard)	Central	$954,800	3 15.0	3 13.5	4 16.0	5 17.5	5 15.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	35 99.5
Lone Mountain Detention Basin	Central	$5,000,000	3 15.0	4 18.0	4 16.0	5 17.5	5 15.0	5 12.5	4 8.0	4 6.0	2 2.0	3 1.5	39 111.5
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	3 15.0	2 9.0	4 16.0	5 17.5	3 9.0	2 5.0	5 10.0	4 6.0	1 1.0	3 1.5	32 90.0
Cheyenne Channel Crossings	Gowan	$1,620,000	4 20.0	4 18.0	3 12.0	5 17.5	4 12.0	4 10.0	5 10.0	5 7.5	1 1.0	4 2.0	39 110.0
Owens Avenue System	Central	$3,005,000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	5 12.5	4 8.0	5 7.5	1 1.0	3 1.5	34 95.5
Oakey Stormdrain	Central	$6,888,000	4 20.0	3 13.5	3 12.0	3 10.5	5 15.0	4 10.0	3 6.0	2 3.0	1 1.0	1 0.5	29 91.5

Project Prioritization

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Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
NORTH LAS VEGAS (Northern Las Vegas Valley) :													
Confluence Detention Basin (incl. ROW)	Range	$7,720,000	5 25.0	5 22.5	5 20.0	5 17.5	4 12.0	1 2.5	4 8.0	5 7.5	2 2.0	4 2.0	40 119.0
Upper Las Vegas Wash Interception Berm/Channel	N. LV Wash	$3,310,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
Upper Las Vegas Wash Detention Basin	N. LV Wash	$10,120,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
North Las Vegas Detention Basin (Outlet modifications)	N. LV Wash	$30,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
West Range Wash Diversion Dike	Range	$5,530,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	4 20.0	4 18.0	3 12.0	4 14.0	4 12.0	3 7.5	4 8.0	4 6.0	2 2.0	3 1.5	35 101.0
Kyle Canyon Detention Basin (incl. ROW)	N. LV Wash	$11,300,000	4 20.0	4 18.0	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	32 96.0
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	4 10.0	4 8.0	4 6.0	2 2.0	3 1.5	97.0
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	3 1.5	33 93.0
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	3 1.5	33 93.0
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	3 15.0	3 13.5	4 16.0	4 14.0	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	2 1.0	32 90.5
West Tributary Channel (Las Vegas Blvd - UPRR)	Range	$4,270,000	3 15.0	3 13.5	4 16.0	4 14.0	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	2 1.0	32 90.5
A Channel (Las Vegas Blvd - Camino AL Norte)	N. LV Wash	$8,360,000	3 15.0	3 13.5	3 12.0	3 10.5	4 12.0	4 10.0	3 6.0	3 4.5	2 2.0	3 1.5	31 87.0
New Channel Reaches (Flamingo Rd - Pecos Rd)	Low. LV Wash	$7,780,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	1 2.0	1 1.5	1 1.0	3 1.5	20 62.0
Western Trib. (Camino Al Norte - Ann Rd)	N. LV Wash	$4,740,000	2 10.0	2 9.0	2 8.0	2 7.0	2 6.0	2 5.0	3 6.0	3 4.5	3 3.0	3 1.5	24 60.0
East Tributary Detention Basin (ROW acq.)	Range	$160,000	2 10.0	3 13.5	2 8.0	2 7.0	2 6.0	1 2.5	2 4.0	3 4.5	1 1.0	2 1.0	20 57.5
Western Trib. (Ann Rd - Centennial Rd)	N. LV Wash	$5,180,000	2 10.0	2 9.0	2 8.0	2 7.0	2 6.0	2 5.0	2 4.0	2 3.0	3 3.0	3 1.5	22 56.5
Upgrade Existing Channel Reaches (Flamingo Rd - Pecos Rd)	Low. LV Wash	$4,660,000	2 10.0	2 9.0	1 4.0	1 3.5	1 3.0	1 2.5	1 2.0	1 1.5	1 1.0	3 1.5	14 38.0

Project Prioritization

Proposed Amendments 1995

Exhibit B

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CLARK COUNTY (Southwest Las Vegas Valley) :													
Lower Duck Creek Detention Basin (incl. ROW)	Duck/Blue Dia.	$6,540,000	5 25.0	5 22.5	5 20.0	4 14.0	4 12.0	2 5.0	5 10.0	3 4.5	2 2.0	4 2.0	39 117.0
Van Buskirk Outfall (Flamingo Wash - Flamingo Rd)	Flam./Trop.	$3,050,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	2 5.0	5 10.0	5 7.5	2 2.0	3 1.5	38 109.5
Van Buskirk Channel Upgrades Detention Basin C	Flam./Trop.	$3,060,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	2 5.0	5 10.0	5 7.5	1 1.0	3 1.5	37 108.5
Van Buskirk - Twain, McLeod, Viking, and Tompkins Systems	Flam./Trop.	$5,460,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	2 5.0	5 10.0	4 6.0	1 1.0	3 1.5	36 107.0
Tropicana Detention Basin (incl. ROW)	Flam./Trop.	$7,600,000	4 20.0	4 18.0	5 20.0	3 10.5	4 12.0	3 7.5	5 10.0	3 4.5	2 2.0	3 1.5	36 106.0
Van Buskirk Detention Basin (ROW acq.)	Flam./Trop.	$3,190,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	36 106.0
Rawhide Channel (remaining system)	Duck/Blue Dia.	$2,790,000	4 20.0	4 18.0	5 20.0	3 10.5	4 12.0	2 5.0	5 10.0	5 7.5	1 1.0	3 1.5	36 105.5
Flamingo Wash (Tropicana Wash to Decatur Blvd)	Flam./Trop.	$4,990,000	4 20.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	5 10.0	3 4.5	2 2.0	3 1.5	34 101.5
Flamingo Wash (McLeod to Tropicana Wash)	Flam./Trop.	$2,490,000	4 20.0	4 18.0	4 16.0	3 10.5	4 12.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0	31 95.0
Upper Blue Diamond Det. Basin (incl. ROW)	Flam./Trop.	$14,610,000	3 15.0	4 18.0	3 12.0	2 7.0	2 6.0	2 5.0	5 10.0	5 7.5	2 2.0	3 1.5	31 84.0
Buffalo/Desert Inn SD, Rainbow SD Desert Inn Detention Basin	Flam./Trop.	$5,630,000	3 15.0	3 13.5	4 16.0	3 10.5	3 9.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0	28 82.5
Buffalo Conveyance, Desert Inn Drain, (excludes Lakes Detention Basin)	Flam./Trop.	$5,700,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	2 5.0	5 10.0	5 7.5	1 1.0	3 1.5	29 78.5
Duck Creek (Mountain Vista to UPRR)	Duck/Blue Dia.	$6,180,000	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	1 2.5	3 6.0	3 4.5	2 2.0	2 1.0	25 72.0
Duck Creek (UPRR to Lower Duck Creek Det. Basin)	Duck/Blue Dia.	$5,500,000	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	1 2.5	3 6.0	3 4.5	2 2.0	2 1.0	25 72.0
Desert Inn Detention (ROW acq.)	Flam./Trop.	$650,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0	25 72.0
Central Duck Creek Detention Basin (ROW acq.)	Duck/Blue Dia.	$170,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
Upper Duck Creek Detention Basin (ROW acq.)	Duck/Blue Dia.	$540,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
South Duck Creek Detention Basin (ROW acq.)	Duck/Blue Dia.	$160,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
Lower Blue Diamond Detention Basin (ROW acq.)	Duck/Blue Dia.	$150,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
Lakes Detention Basin (incl. ROW)	Flam./Trop.	$1,010,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	3 6.0	3 4.5	2 2.0	2 1.0	24 69.5
Duck Creek (Boulder Hwy to US 595)	Duck/Blue Dia.	$4,610,000	2 10.0	2 9.0	2 8.0	2 7.0	3 9.0	1 2.5	2 4.0	2 3.0	2 2.0	3 1.5	21 56.0
Duck Creek (Lower Duck Cr Det. Basin to I-15)	Duck/Blue Dia.	$6,360,000	2 10.0	2 9.0	2 8.0	2 7.0	2 6.0	1 2.5	2 4.0	2 3.0	2 2.0	1 0.5	18 52.0
Total		$387,284,400											

Notes:

Pop. - Population Affected
Land - Assessed Land Value Impacted
Public - Public Perception of Need
Access - Emergency Access & Public Inconvenience
Avoid. - Cost Avoidance
Funding - Availability of Other Funding Sources
Relation. - Interrelationship to Other Projects
Implem. - Timing & Implementation
Environ. - Environmental Enhancement
Mainten. - Annual Maintenance Cost
val (no.) - Value from 1 to 5 and factor applied to value

2.5 PROJECT PRIORITIZATION

The relative priority of Master Plan projects will be assessed annually during review and development of the Fiscal Year Project List and the Ten-Year Program. Any entity may request at any time that a project be placed on the Fiscal Year List or the Ten-Year Program. Any request for a project must include all necessary data to allow the Technical Advisory Committee and District staff to evaluate the project in terms of the following criteria:

a) Population Affected

Refers to the existing population affected by the construction of the project considered. Impact includes reducing flood hazards.

b) Assessed Land Value Impacted

Assessed land values for developed and undeveloped land affected by the project, including all structures (public, commercial, or residential) will be reviewed. Impact on land values related to a reduction of the floodplain area will be considered under this item.

c) Public Perception of Need

The project will be evaluated in terms of satisfying the public's desire to see their money spent on "worthwhile" projects and the public's perception of need.

d) Emergency Access and Public Inconvenience

The project will be evaluated to determine its impact on the access of emergency vehicles including police, ambulance, and fire vehicles to their respective substation, hospital or station. The evaluation will include an assessment of the project's contribution to the development of an all-weather transportation system and accessibility to flood isolated residences, businesses, and public facilities.

e) Cost Avoidance

Cost avoidance includes projects which will reduce future costs, including potential damage, construction of oversized facilities, and the ability to construct. This item should also address other costs associated with lost opportunity and the risk associated with inadequate or undersized facilities.

f) Availability of Other Funding Sources

This includes an evaluation of the potential for funds from grants, developers, the Corps of Engineers, and other public and private interests. Additional

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

g) Interrelationship to Other Projects

Projects which score high on this criterion can function independently or are needed to complete or increase the effectiveness of the existing regional and local drainage system.

h) Timing and Implementation

All aspects of timing and implementation should be considered under this item including availability of right-of-way, permit review if necessary, and ability to administer and begin a project in a reasonable time-frame.

i) Environmental Enhancement

Evaluation of this criterion includes benefits derived from improving or mitigating the threat to public health resulting from stagnant water, erosion, raw sewage spills, and contamination of the domestic water supply. It also includes, if applicable, information on the project's enhancement of habitat, recreational opportunities, and water quality.

j) Annual Maintenance Cost

Projects which will rank high on this criterion have a lower maintenance cost than those facilities now in existence or will reduce maintenance costs downstream.

EXHIBIT C

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.
HENDERSON :														
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	92.5	Predesign funded							0.642			5.778
Mission Hills Collection System West Diversion (incl. ROW)	C-1 Ch.	$6,120,000	103.5					Prioritized by Brd. Action 3/30/95. Funds acrue by 12/96 5.458						
Southwest C-1 Detention Basin (Black Mountain)	C-1 Ch.	$3,350,000	93.0						0.335	3.015				
Northeast C-1 Detention Basin & Outfall	C-1 Ch.	$4,260,000	103.5											
Northeast C-1 Levee	C-1 Ch.	$1,830,000	72.2											
Equestrian Dr Detention Basin & Collection System (incl. ROW)	C-1 Ch.	$4,780,000	103.0		(a)	5.800	Prioritized for funding by Brd. Action 1/12/95. Funds acrue by 12/95							
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	80.0	Lower reach design funded							0.523	4.707		
Pittman Park Detention Basin	Pittman	$5,850,000	90.5								0.057	0.513		
Duck Creek Channel - Sunset to Newport Village	Duck Creek	$561,300	80.5											
East C-1 Detention Basin	C-1 Ch.	$1,630,000	74.5										0.244	
Pittman/Pecos Detention Basin	Pittman	$3,468,000	66.7											
Whitney Ranch Channel	Pittman	$1,092,000	83.5											
Gibson Channel	Pittman	$3,241,000	64.5											
Equestrian Detention Basin Outfall	C-1 Ch.	$6,065,000	54.0											
Totals per Fiscal Year (x $1,000,000)						5.800		5.458		3.350		6.442		6.022
Henderson 10-Year Total :		**$49,919,000**												

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
HENDERSON :													
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	92.5										
Mission Hills Collection System West Diversion (incl. ROW)	C-1 Ch.	$6,120,000	103.5										
Southwest C-1 Detention Basin (Black Mountain)	C-1 Ch.	$3,350,000	93.0										
Northeast C-1 Detention Basin & Outfall	C-1 Ch.	$4,260,000	103.5	0.652			6.070						
Northeast C-1 Levee	C-1 Ch.	$1,830,000	72.2			0.275			1.560				
Equestrian Dr Detention Basin & Collection System (incl. ROW)	C-1 Ch.	$4,780,000	103.0										
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	80.0										
Pittman Park Detention Basin	Pittman	$5,850,000	90.5										
Duck Creek Channel - Sunset to Newport Village	Duck Creek	$561,300	80.5	0.056	0.504								
East C-1 Detention Basin	C-1 Ch.	$1,630,000	74.5		1.384								
Pittman/Pecos Detention Basin	Pittman	$3,468,000	66.7		2.948								
Whitney Ranch Channel	Pittman	$1,092,000	83.5									0.164	0.928
Gibson Channel	Pittman	$3,241,000	64.5							0.486			2.755
Equestrian Detention Basin Outfall	C-1 Ch.	$6,065,000	54.0					0.760			4.305		
Totals per Fiscal Year (x $1,000,000)					5.544		6.345		2.320		4.791		3.847
Henderson 10-Year Total :		**$49,919,000**											

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

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Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.
LAS VEGAS (Central Las Vegas Valley) :														
Angel Park Detention Basin Expansion (APNO 0000)	Gowan	$1,785,000	100.5			1.785	Prioritized for funding by Brd. Action 2/9/95. Funds acrue by 4/96							
Washington Ave. Channel - Reach 4 (Eastern to Sagman - LVWH 0298)	Central	$6,111,500	99.0			3.806								2.306
Upper Washington Ave. Channel & Spaghetti Bowl (WAPR 0000, LVWH 0448, 0447, 0374)	Central	$5,931,000	98.5	$0.410M ATP		Prioritized for funding by Brd. Action 3/30/95. Funds acrue by 8/96	0.190		2.038		0.676			
Freeway Conveyance South LV Cr. to Charleston (FW15 0000,0038)	Central	$9,594,000	98.5											
Oakey Drain - I15 to Valley View (FWOK 0000, 0044	Central	$3,272,000	91.5	Constructed w/Sewer & RTC	0.110		0.290	2.190		0.682				
Freeway Channel Bypass Facility (Oakey to Wall FWUP 0000, 0059	Central	$3,060,000	93.5											
Freeway Channel South Charleston to Sahara (FW15 0089)	Central	$5,874,000	93.5	Sahara to Ivanhoe Constructed with NDOT										
Owens Avenue System (Rancho to I-15 LVOW 0000))	Central	$3,126,000	95.5	Funded with RTC			0.200			2.926				
Gowan North Channel - North Basin to Lone Mnt Rd. GONO 0046)	Gowan	$6,070,000	87.5	Predesign funded	0.300			0.728			0.400		1.906	
Lone Mountain System Outfall to Durango (GOLM 0000)	Gowan	$1,187,000	87.5						0.200			0.987		
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5		0.070			0.700						
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	90.0										0.500	
Totals per Fiscal Year (x $1,000,000)						6.071		4.298		5.846		2.063		4.712
Las Vegas 10-Year Total :		**$51,860,500**												

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
LAS VEGAS (Central Las Vegas Valley) :													
Angel Park Detention Basin Expansion (APNO 0000)	Gowan	$1,785,000	100.5										
Washington Ave. Channel - Reach 4 (Eastern to Sagman - LVWH 0298)	Central	$6,111,500	99.0										
Upper Washington Ave. Channel & Spaghetti Bowl (WAPR 0000, LVWH 0448, 0447, 0374)	Central	$5,931,000	98.5		2.707								
Freeway Conveyance South LV Cr. to Charleston (FW15 0000,0038)	Central	$9,594,000	98.5	0.500	2.000		2.000		5.094				
Oakey Drain - I15 to Valley View (FWOK 0000, 0044	Central	$3,272,000	91.5										
Freeway Channel Bypass Facility (Oakey to Wall FWUP 0000, 0059	Central	$3,060,000	93.5					0.420			2.640		
Freeway Channel South Charleston to Sahara (FW15 0089)	Central	$5,874,000	93.5							0.500	2.687		2.687
Owens Avenue System (Rancho to I-15 LVOW 0000))	Central	$3,126,000	95.5										
Gowan North Channel - North Basin to Lone Mnt Rd. GONO 0046)	Gowan	$6,070,000	87.5				1.673		1.063				
Lone Mountain System Outfall to Durango (GOLM 0000)	Gowan	$1,187,000	87.5										
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5										
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	90.0					0.900			2.000		2.000
Totals per Fiscal Year (x $1,000,000)					5.207		3.673		7.477		7.827		4.687
Las Vegas 10-Year Total :		**$51,860,500**											

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Exhibit C

10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.
NORTH LAS VEGAS (Northern Las Vegas Valley) :														
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	101.0	Predesign funded										1.220
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	98.0	Interlocal executed 12/8/94			0.500					1.300		1.670
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	95.0	Interlocal executed 12/8/94				3.170		3.330		2.000		
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	90.0											
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	90.0				0.500							
West Tributary Channel (LV Blvd. - UPRR)	Range	$4,270,000	90.0										0.800	
A Channel (LV Blvd - Camino Al Norte)	N. LV Wash	$8,360,000	87.0	Camino Al Norte crossing completed										
A Channel Craig Road Confluence Structure	N. LV Wash	$1,000,000	87.0										0.200	
Upper Las Vegas Wash - Craig Road to Ann Road	N. LV Wash	$4,429,000	87.0											
East Range Wash Detention Basin	Range	$2,650,000	57.5											
Totals per Fiscal Year (x $1,000,000)						0.000		4.170		3.330		3.300		3.890
North Las Vegas 10-Year Total :		**$42,938,000**												
CLARK COUNTY (Southwest Las Vegas Valley) :														
Lower Duck Creek Detention Basin (incl. ROW)	uck/Blue Dia	$8,000,000	117.0											
Corps of Engineer's Tropicana/ Flamingo Project	Flam./Trop.	$41,142,001				11.201		6.336		7.158		8.461		6.349
Flamingo Wash (Tropicana Wash to Decatur Blvd.)	Flam./Trop.	$4,990,000	101.5											
Flamingo Wash (McLeod to Tropicana Wash)	Flam./Trop.	$2,490,000	95.0											
Buffalo/Desert Inn Drain; Rainbow Drain; Desert Inn Detention Basin	Flam./Trop.	$5,630,000	82.5											
Totals per Fiscal Year (x $1,000,000)						11.201		6.336		7.158		8.461		6.349
Clark County (SWLVV) 10-Year Total :		**$60,410,001**												

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Exhibit C

10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
NORTH LAS VEGAS (Northern Las Vegas Valley) :													
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	101.0						2.780		1.000		
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	98.0						1.220				
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	95.0										
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	90.0			0.940					1.000		2.000
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	90.0		5.210								
West Tributary Channel (LV Blvd. - UPRR)	Range	$4,270,000	90.0				3.170						
A Channel (LV Blvd - Camino Al Norte)	N. LV Wash	$8,360,000	87.0	0.780					2.740		2.740		
A Channel Craig Road Confluence Structure	N. LV Wash	$1,000,000	87.0		0.800								
Upper Las Vegas Wash - Craig Road to Ann Road	N. LV Wash	$4,429,000	87.0							0.650			2.568
East Range Wash Detention Basin	Range	$2,650,000	57.5							0.650			
Totals per Fiscal Year (x $1,000,000)					6.790		4.110		6.740		6.040		4.568
North Las Vegas 10-Year Total :		**$42,938,000**											
CLARK COUNTY (Southwest Las Vegas Valley) :													
Lower Duck Creek Detention Basin (incl. ROW)	uck/Blue Dia	$8,000,000	117.0			0.894	5.000		2.422				
Corps of Engineer's Tropicana/ Flamingo Project	Flam./Trop.	$41,142,001			1.638								
Flamingo Wash (Tropicana Wash to Decatur Blvd.)	Flam./Trop.	$4,990,000	101.5					0.500	1.482		3.008		
Flamingo Wash (McLeod to Tropicana Wash)	Flam./Trop.	$2,490,000	95.0							0.306	2.000		0.184
Buffalo/Desert Inn Drain; Rainbow Drain; Desert Inn Detention Basin	Flam./Trop.	$5,630,000	82.5									0.472	3.000
Totals per Fiscal Year (x $1,000,000)					1.638		5.894		4.404		5.314		3.656
Clark County (SWLVV) 10-Year Total :		**$60,410,001**											

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

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Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.
CLARK COUNTY (Outlying Areas) :														
Hiko Springs Det. Basin Outfall	Laughlin	$3,000,000	*				0.250	1.891		0.859				
Goodsprings - Phase 1 Improvements	Goodsprings	$352,700	*	Design funded				0.500						
Searchlight - Eastern Portion Improvements	Searchlight	$405,800	*	Design funded										
Bunkerville	Bunkerville	$1,297,000	*	Design funded				1.294 0.297						
Muddy River	Moapa Valley	$8,259,000	*		1.650					4.172		2.435		
Overton Wash/ Railroad Channel	Moapa Valley	$15,350,000	*		Prioritized for funding by Brd. Action 1/12/95. Funds acrue by 2/96							1.500		
Blue Diamond	Blue Diamond	$170,000	*										0.038	0.212
Bridge Canyon - Floodway/Outfall	Laughlin	$9,250,000	*										0.576	3.000
Indian Springs	Indian Springs	$594,700	*											
Totals per Fiscal Year (x $1,000,000)						1.650		4.232		5.031		3.935		3.826
Clark County (Outlying) 10-Year Total :		**$33,809,000**												

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
CLARK COUNTY (Outlying Areas) :													
Hiko Springs Det. Basin Outfall	Laughlin	$3,000,000	*										
Goodsprings - Phase 1 Improvements	Goodsprings	$352,700	*										
Searchlight - Eastern Portion Improvements	Searchlight	$405,800	*						0.406				
Bunkerville	Bunkerville	$1,297,000	*										
Muddy River	Moapa Valley	$8,259,000	*										
Overton Wash/ Railroad Channel	Moapa Valley	$15,350,000	*				0.819		2.680		2.998		1.963
Blue Diamond	Blue Diamond	$170,000	*										
Bridge Canyon - Floodway/Outfall	Laughlin	$9,250,000	*		3.951		1.723						
Indian Springs	Indian Springs	$594,700	*	0.100			0.495						
Totals per Fiscal Year (x $1,000,000)					4.051		3.037		3.086		2.998		1.963
Clark County (Outlying) 10-Year Total :		$33,809,000											

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.
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	*											
I15 to Virgin River	ulsipher Was	$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														
Channel & Box Culverts	West Airport	$2,700,000	*											
Basin,Channels, Culverts & Drains	North Railroad	$1,755,000	*											
Replace Culverts	Georgia/ Buchanan	$600,000	*											
Totals per Fiscal Year (x $1,000,000)						0.000		0.000		0.000		0.000		0.000
Boulder City 10-Year Total :		**$5,055,000**												
Program Total per Fiscal Year (x $1,000,000)						24.722		24.494		24.715		24.201		24.799
Projected Revenue Per Fiscal Year (x $1,000,000)					(a)	28.238		20.996		21.795		22.614		23.457
Remaining Revenue Per Fiscal Year (x$1,000,000)						3.517		(3.498)		(2.920)		(1.586)		(1.342)
10-Year Total 95/96 thru 04/05 :		**$249,951,501**												
10-Year Projected Revenue:		**$247,768,534**												

(a) Includes revenue income, $2.827M acrued in 94/95 for 95/96 project and $6.199M remaining from previously set aside for COE.

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
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	ulsipher Was	$1,200,000	*									0.180	1.020
Totals per Fiscal Year (x $1,000,000)					0.000		0.000		0.000		0.000		5.960
City of Mesquite 10-Year Total :			**$5,960,000**										
BOULDER CITY													
Channel & Box Culverts	West Airport	$2,700,000	*									2.700	
Basin,Channels, Culverts & Drains	North Railroad	$1,755,000	*									1.755	
Replace Culverts	Georgia/ Buchanan	$600,000	*									0.600	
Totals per Fiscal Year (x $1,000,000)					0.000		0.000		0.000		0.000		5.055
Boulder City 10-Year Total :			**$5,055,000**										
Program Total per Fiscal Year (x $1,000,000)					23.230		23.059		24.027		26.970		29.736
Projected Revenue Per Fiscal Year (x $1,000,000)					24.322		25.203		26.111		27.038		27.994
Remaining Revenue Per Fiscal Year (x$1,000,000)					1.092		2.144		2.084		0.068		(1.742)
10-Year Total 95/96 thru 04/05 :			**$249,951,501**										
10-Year Projected Revenue:			**$247,768,534**										

(a) Includes revenue income, $2.827M acrued in 94/95 for 95/96 project and $6.199M remaining from previously set aside for COE.

EXHIBIT D

Exhibit D

PHASE 1 CONSTRUCTION PROGRAM
Summary of Funding

file:n:\CCRFCD\10-year\
FY95_96\funsum95.xls

Planning Area/Entity	Percent of Phase 1	*Current Funding* Funding * Contracts	*Current Funding* Percent of Funding	Funds Remaining on Bond List	Total Funding Programmed and Committed	Funding Proposed on 10-Year Program	Estimated Total Through FY 04/05	Percent of Total	Percent of Total Over (Under) Programmed Amount
Henderson :	15.9%	$24,195,794	11.0%	$0	$24,195,794	$49,919,000	$74,114,794	15.7%	(0.1%) ($580,603)
Las Vegas (Central Las Vegas Valley) :	24.5%	$61,039,782	27.6%	$0	$61,039,782	$51,860,500	$112,900,282	24.0%	(0.6%) ($2,631,578)
Clark County (Southwest Las Vegas Valley) :	22.4%	$50,458,084	22.9%	$0	$50,458,084	$60,410,001 (a)	$110,868,085	23.6%	1.2% $5,623,308
North Las Vegas (Northern Las Vegas Valley) :	23.2%	$63,656,986	28.8%	$0	$63,656,986	$42,938,000	$106,594,986	22.6%	(0.5%) ($2,489,991)
Boulder City :	1.0%	$6,542,310	3.0%	$0	$6,542,310	$5,055,000	$11,597,310	2.5%	1.4% $6,686,508
Mesquite :	0.5%	$4,362,145	2.0%	$0	$4,362,145	$5,960,000	$10,322,145	2.2%	1.7% $7,948,203
Clark County (Outlying Area) :	12.5%	$10,529,669	4.8%	$0	$10,529,669	$33,809,000	$44,338,669	9.4%	(3.1%) ($14,555,846)
TOTAL	100.0%	$220,784,770	100.0%	$0	$220,784,770	$249,951,501	$470,736,271	100.0%	

(a) Includes
$41,142,001 for COE
Trop/Flamingo Project
95/96 thru 04/05

* Includeds Project Close Outs and Present Interlocal Contracts

EXHIBIT E

Exhibit E

RFCD ACTIONS TO AMEND THE 10 YEAR PROGRAM

Date	Project	Action	*Criteria Met 90% plans	ROW	1st 5 yrs.
8/13/92	Meadows Phase V (Alta Storm Drain) City of Las Vegas	Added project to FY 92/93 (Year 1) of 10 Year Program and approved $954,800 in funding. Reduced Oakey Detention Basin funds by same amount. Total project cost $954,800. Contract date 8/13/92.	X	X	
8/13/92	I-15 Freeway-Channel Sahara to Ivanhoe City of Las Vegas	Added project to FY 92/93 (Year 1) of 10 Year Program because NDOT was building a single box for drainage on the I-15 Sahara Flyover and the MP proposed double boxes. To reduce future cost, project was added even though no RFCD connections were proposed for 10 to 15 years. Project was 50/50 cost share with NDOT. RFCD share $710,000. Contract date 7/8/93.	X	X	
11/12/92	Lower Duck Creek Basin Clark County	Moved predesign from FY 93/94 (Year 2) to FY 92/93 (Year 1). Predesign for Tropicana Basin was deleted from Year 1 to provide $300,000 for predesign. Contract date 11/12/92.	n/a	n/a	X
12/10/92	Camino Al Norte - (Western Tributary of Las Vegas Wash) City of Las Vegas	Added project to FY 92/93 (Year 1) because of opportunity for 51% participation by developer. Reduced obligation to Western Tributary in FY 2000/01 (Year 9) to provide $300,000. Contract date 12/10/92.	X	X	
3/11/93	Washington Avenue Conveyance (Virgil to Lena) City of Las Vegas	Moved $2,785,000 funding programmed in FY 95/96 (Year 4) and $565,000 in FY 96/97 (Year 5) to FY 92/93 (Year 1) for construction. Total moved $3,350,000. Contract date 3/11/93.	X	X	X
3/11/93	C-1 Channel (Lake Mead to Burkholder) City of Henderson	Moved design funding and project programmed in FY 94/95 (Year 3) to FY 92/93 (Year 1). Total request was $200,000. Contract date 3/11/93.	n/a	n/a	X

Exhibit E

RFCD ACTIONS TO AMEND THE 10 YEAR PROGRAM

*Criteria Met

Date	Project	Action	90% plans	ROW	1st 5 yrs.
8/11/93	Kyle Canyon Detention Basin City of North Las Vegas	Originally proposed by NLV 5/93. Moved project to FY 92/93 (Year 1) from FY 93/94 (Year 2) and FY 94/95 (Year 3). Provided uncommitted bond funds of $3,800,000. Total project cost $13,113,000. Contract date 8/11/93.	X	X	X
11/15/93	Cheyenne Channel Crossing City of Las Vegas	Moved funding programmed in FY 94/95 (Year 2) to FY 93/94 (Year 1) for opportunity to obtain 51% developer participation, and added $709,000. Contract date 1/13/94.	X	X	X
12/9/93	Sloan Channel Las Vegas Wash to Owens Clark County	Moved funding of $2,150,000 from FY 94/95 (Year 2) to be added to FY 93/94 (Year 1) programmed amount of $2,400,000 for total of $4,550,000. Contract date 4/14/94.	X	X	X
1/13/94	Washington Avenue Conveyance (Lena to Eastern) City of Las Vegas	Moved $1,920,000 project construction from FY 94/95 (Year 2) and $2,496,000 from FY 96/97 (Year 4) to FY 93/94 (Year 1). Total amount from future projects is $5,384,500. Reduced $640,000 from Oakey Detention and used $328,500 partial credit from Cheyenne Crossings. Contract date 10/13/94.	X	X	X
3/10/94	Oakey Detention Basin & Collection System City of Las Vegas	Moved project from FY 95/96 (Year 3) to FY 93/94 (Year 1). Increased funding from $1,414,000 to $1,513,000 to add construction engineering. Contract date 11/10/94.	X	X	X
4/13/95	Washington Avenue Conveyance System - Eastern to Sagman City of Las Vegas	Moved project from FY 97/98 (Year 4) to FY 94/95 (Year 1) Increased funding from $2,471,000 to $3,805,500. Prioritized date 4/13/95. Estimated funding date 6/96. Project in conjunction with RTC project.	X	X	X

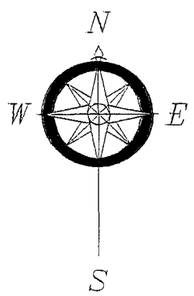
Exhibit E

RFCD ACTIONS TO AMEND THE 10 YEAR PROGRAM

Date	Project	Action	*Criteria Met 90% plans	ROW	1st 5 yrs.
4/13/95	Mission Hills Western Interceptor Diversion City of Henderson	Moved project from FY 96/97 (Year 3) to FY 94/95 (Year 1) Total of $5,458,000 requested. Prioritized date 4/13/95. Estimated funding date 12/96.	X	X	X

* 90 % plans: 90% of design has been completed
ROW: right-of-way/entry has been acquired
have been obtained
1st 5 yrs.: the project has been included in the first five years of the 10 year plan

LAS VEGAS VALLEY
TEN-YEAR CONSTRUCTION PROGRAM



LAS VEGAS VALLEY

LEGEND

CONVEYANCE	BASIN
COMP/UNDER CONSTR	
10-YEAR PROGRAM	
PROPOSED	
NATURAL WASH	

NOTE:
Parts of the 10-Year Facilities are Pre-Design. Studies for FB-D-W Acquisitions.

July 1995

1:17773

DASHED FACILITIES ARE OUTSIDE OF THE PLANNING AREA

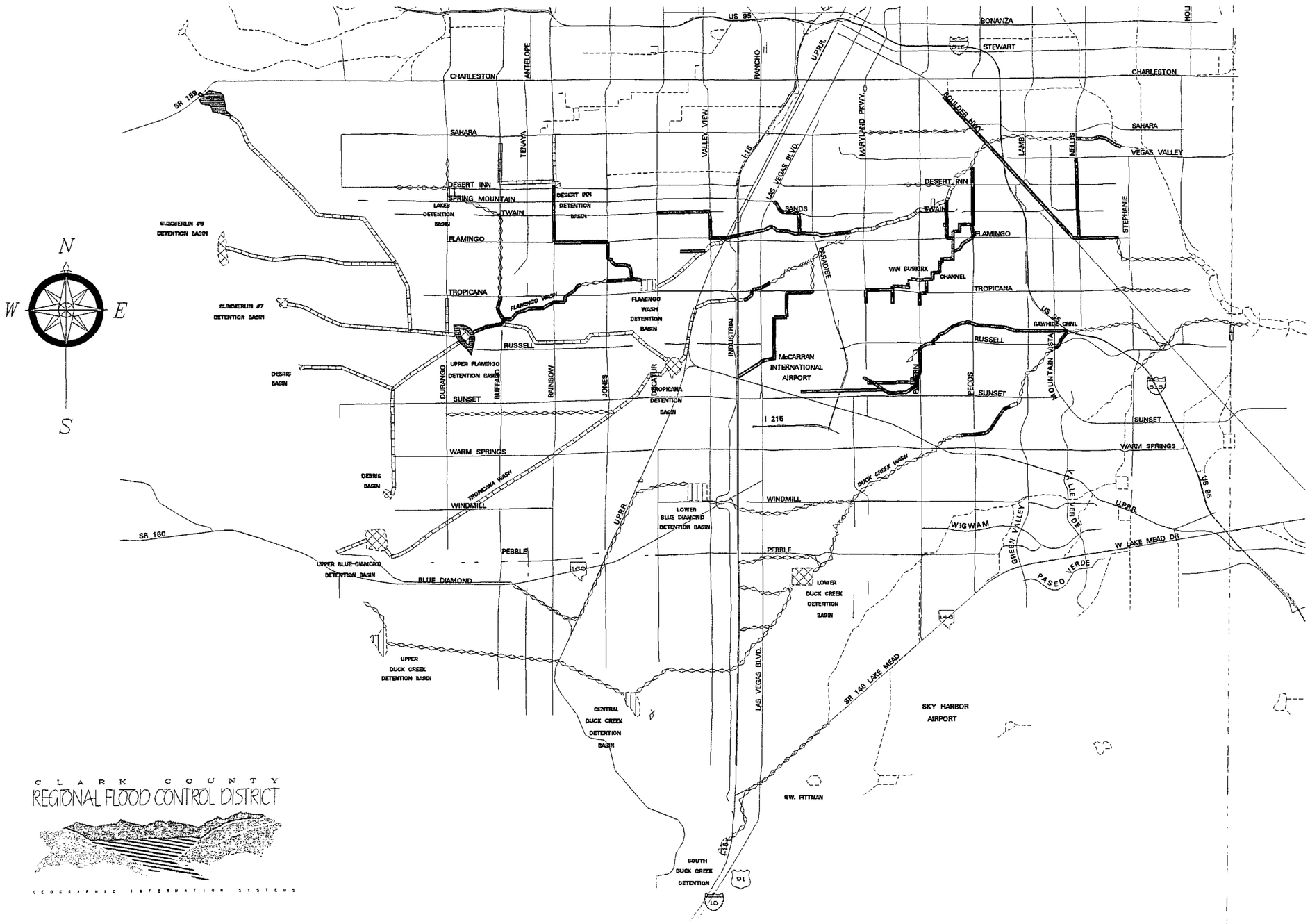
PLANNING AREA LOCATION KEY

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

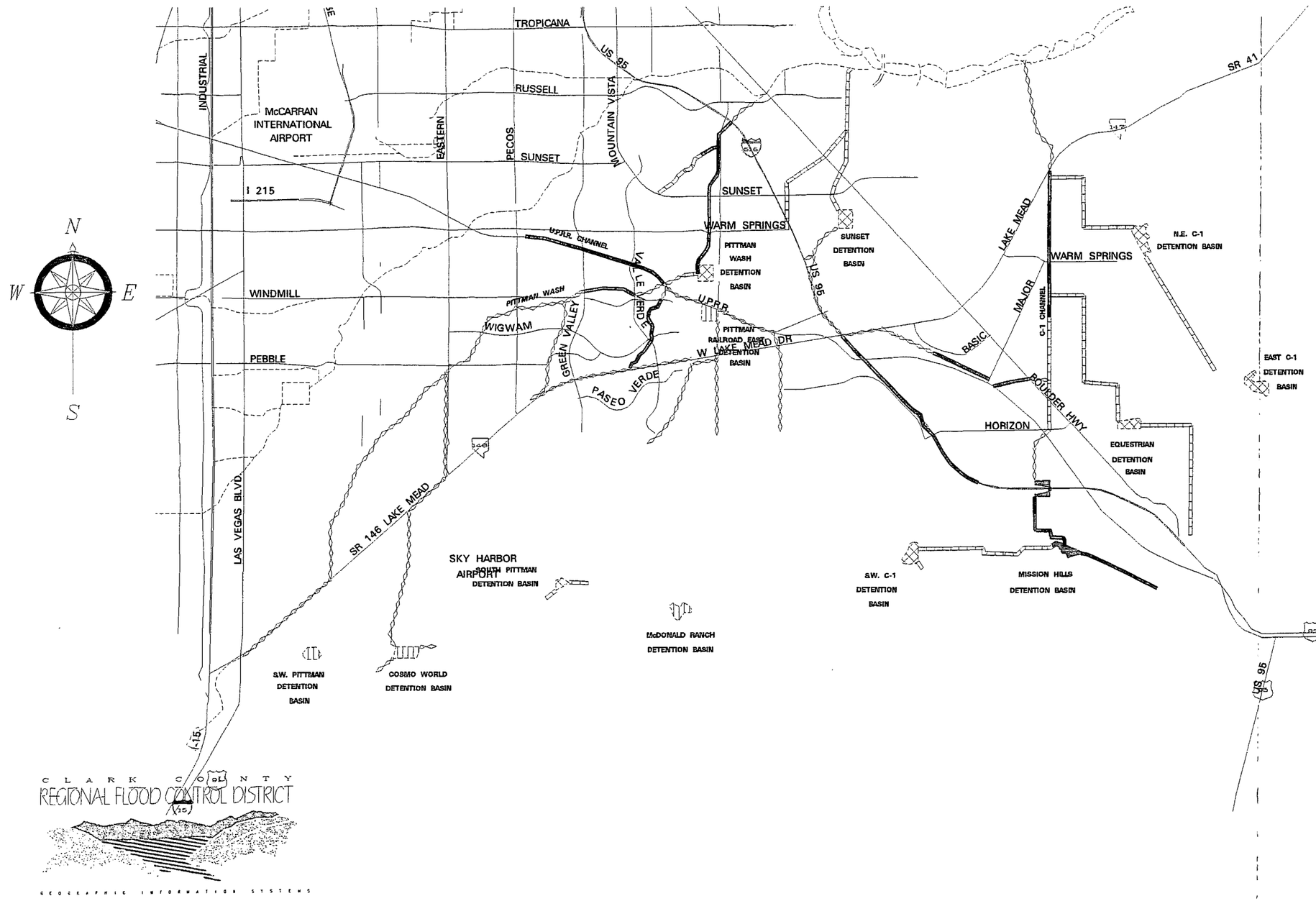
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

GEOGRAPHIC INFORMATION SYSTEMS

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



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



PITTMAN WASH AND C-1 CHANNEL PLANNING AREAS

LEGEND

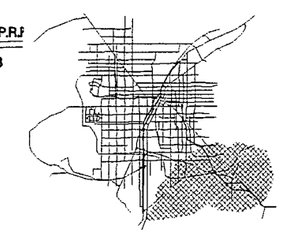
CONVEYANCE	BASIN
COMP/UNDER CONSTR	
10-YEAR PROGRAM	
PROPOSED	
NATURAL WASH	

NOTE:
Parts of the 10-Year Facilities are Pre-design Studies or R-O-W Acquisition.

July 1995

1:8183

DASHED FACILITIES ARE OUTSIDE OF THE PLANNING AREA



PLANNING AREA LOCATION KEY

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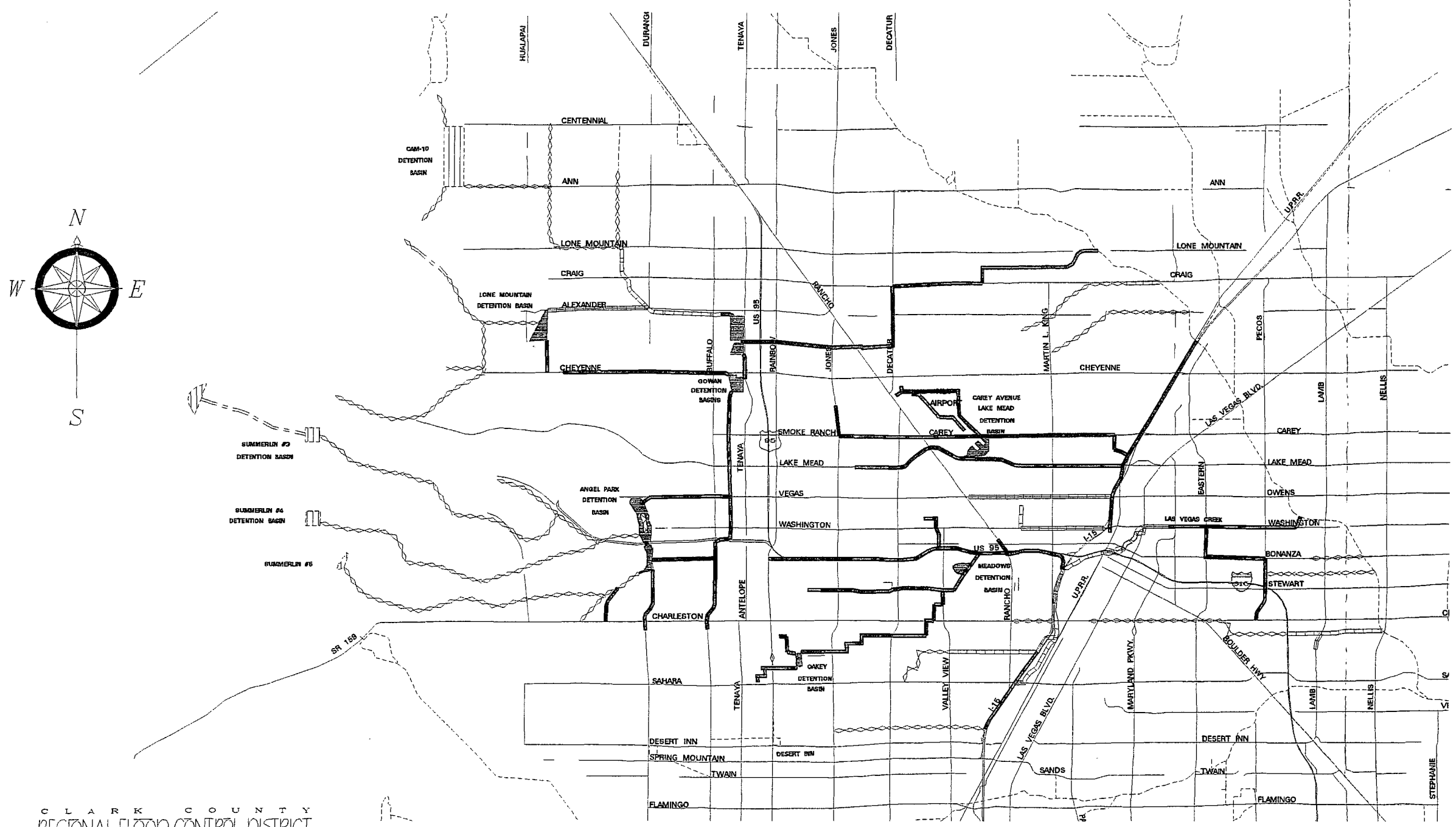
GOWAN AND CENTRAL BASIN PLANNING AREAS
TEN-YEAR CONSTRUCTION PROGRAM



GOWAN AND CENTRAL BASIN PLANNING AREAS

LEGEND

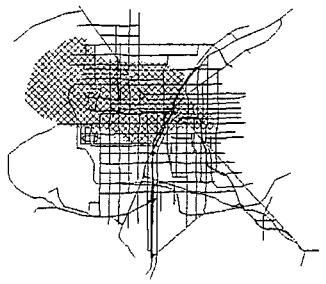
CONVEYANCE	BASIN
COMP/UNDER CONSTR	
10-YEAR PROGRAM	
PROPOSED	
NATURAL WASH	

NOTE:
Parts of the 10-Year Facilities are Pre-design Studies or R-O-W Acquisition.

July 1995

1:9680

DASHED FACILITIES ARE OUTSIDE OF THE PLANNING AREA



PLANNING AREA LOCATION KEY

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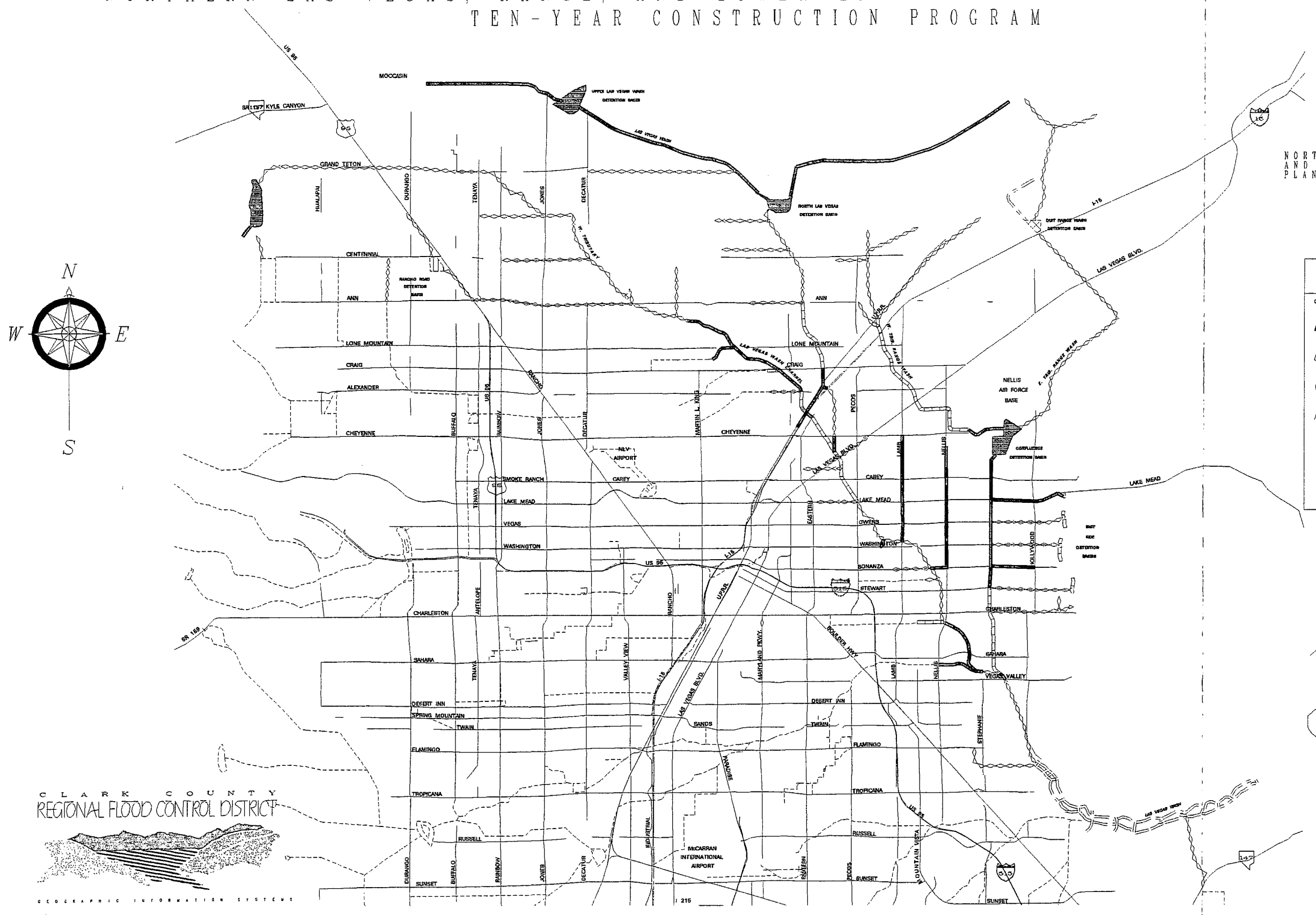
CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

GEOGRAPHIC INFORMATION SYSTEMS

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



NORTHERN LAS VEGAS, RANGE, AND LOWER LAS VEGAS WASH PLANNING AREAS

LEGEND

CONVEYANCE	BASIN
COMP/UNDER CONSTR	
10-YEAR PROGRAM	
PROPOSED	
NATURAL WASH	

NOTE:
Parts of the 10-Year Facilities are Pre-design Studies or R-O-W Acquisition.

July 1995

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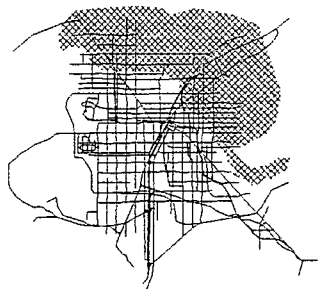
DASHED FACILITIES ARE OUTSIDE OF THE PLANNING AREA



PLANNING AREA LOCATION KEY

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

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

GEOGRAPHIC INFORMATION SYSTEMS

95/96
10-YR PLAN
TO TAC 6/29/95

NLV & OLV
REVISIONS PENCILED IN

Exhibit A

PHASE 1 CONSTRUCTION PROGRAM

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Entity	Planning Area		Phase 1 Costs	Percent of Phase 1
Henderson :				
	C-1 Channel Planning Area (a)		$27,000,000	
	Pittman Wash Planning Area (c)		$37,188,000	
		Total	$64,188,000	15.9%
Las Vegas (Central Las Vegas Valley) :				
	Central Basin Planning Area (b)		$53,560,000	
	Gowan Planning Area (a)		$45,720,000	
		Total	$99,280,000	24.5%
North Las Vegas (Northern Las Vegas Valley) :				
	Nothern Las Vegas Wash Planning Area (a)		$52,740,000	
	Range Wash Planning Area (a)		$28,560,000	
	Lower Las Vegas Wash Planning Area (a)		$12,440,000	
		Total	$93,740,000	23.2%
Clark County (Southwest Las Vegas Valley) :				
	Duck Cr/Blue Diamond Planning Area (a)		$33,000,000	
	Flamingo/Tropicana Planning Area (a)		$57,440,000	
		Total	$90,440,000	22.4%
Clark County (Outlying Area) :				
	Outlying Planning Area (f)		$50,609,827	
		Total	$50,609,827	12.5%
Boulder City :				
	Boulder City Planning Area (d)		$4,220,000	
		Total	$4,220,000	1.0%
Mesquite :				
	Mesquite Planning Area (e)		$2,040,000	
		Total	$2,040,000	0.5%
	TOTAL		**$404,517,827**	**100.0%**

Notes:

(a) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM

(b) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM modified by City of Las Vegas

(c) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM modified by City of Henderson

(d) - Phase 1 Construction Program from "Boulder City Flood Control Master Plan ," dated July 1990, by Coe and Van Loo

(e) - Phase 1 Construction Program from "City of Mesquite Flood Control Master Plan Update," dated October 1991, by CH2M Hill

(f) - Phase 1 Construction Program totals $39,083,000 for the Outlying Areas from the following sources :
$14,369,000 - from "Flood Control Master Plan for Moapa Valley, Nevada," dated November 1994, by Montgomery Watson
$1,863,000 - from "Flood Control Master Plan, Bunkerville, Nevada," dated May 1990, by The Mark Group
$19,800,000 - from "Hiko Springs and Unnamed Wash, Laughlin - Big Bend Area," dated May 1989, by Boyle
$9,640,000 - from "Bridge Canyon Wash Flood Control Master Plan," dated September 1990, by Coe and Van Loo
$2,470,000 - from "Master Plan Update , Outlying Areas," dated September 1991, by G.C. Wallace, the following :

Blue Diamond : $169,881
Goodsprings : $352,737
Indian springs : $594,700
Nelson : $193,810
Searchlight : $405,807
Stateline : $750,892

Exhibit 4

file:m:\10-year\annsum95.xls

Planning Area/Entity	Percent of Phase 1	Current Funding: Funding * Contracts	Current Funding: Percent of Funding	Funds For Yr. 1 (95/96)	% Phase I Over/ (under)	Funds For Yr. 2 (96/97)	% Phase I Over/ (under)	Funds For Yr. 3 (97/98)	% Phase I Over/ (under)	Funds For Yr.4 (98/99)	% Phase I Over/ (under)	Funds For Yr.5 (99/00)	% Phase I Over/ (under)
Henderson :	15.9%	$24,195,794	11.0%	$5,800,000	12.24% (3.6%) ($8,884,436)	$5,458,000	13.13% (2.7%) ($7,392,192)	$3,052,226	13.20% (2.7%) ($7,798,320)	$4,470,165	13.67% (2.2%) ($6,916,553)	$4,794,113	14.14% (1.7%) ($5,844,505)
Las Vegas (Central Las Vegas Valley) :	24.5%	$61,039,782	27.6%	$5,590,500	27.19% 2.7% $6,493,975	$3,919,438	26.13% 1.6% $4,279,553	$2,470,397	25.02% 0.5% $1,400,891	$2,266,630	23.94% (0.6%) ($1,882,677)	$3,661,354	23.37% (1.2%) ($3,978,265)
Clark County (Southwest Las Vegas Valley) :	22.4%	$50,458,084	22.9%	$11,201,000	25.16% 2.8% $6,877,380	$6,336,000	25.18% 2.8% $7,625,685	$7,157,667	25.75% 3.4% $9,910,579	$8,460,667	26.59% 4.2% $13,315,244	$6,349,000	26.63% 4.3% $14,419,906
North Las Vegas (Northern Las Vegas Valley) :	23.2%	$63,656,986	28.8%	$0	25.98% 2.8% $6,876,392	$3,573,997	24.90% 1.7% $4,658,808	$2,137,063	23.77% 0.6% $1,745,300	$1,994,270	22.70% (0.5%) ($1,500,918)	$3,339,217	22.11% (1.1%) ($3,597,395)
Boulder City :	1.0%	$6,542,310	3.0%	$0	2.67% 1.6% $3,986,154	$0	2.42% 1.4% $3,725,427	$0	2.24% 1.2% $3,498,060	$0	2.08% 1.0% $3,262,143	$0	1.94% 0.9% $3,017,438
Mesquite :	0.5%	$4,362,146	2.0%	$0	1.78% 1.3% $3,126,468	$0	1.62% 1.1% $3,000,430	$0	1.49% 1.0% $2,890,518	$0	1.39% 0.9% $2,776,473	$0	1.29% 0.8% $2,658,180
Clark County (Outlying Area) :	12.5%	$10,529,669	4.8%	$1,650,000	4.97% (7.5%) ($18,475,932)	$5,705,070	6.62% (5.9%) ($15,897,712)	$6,977,466	8.52% (4.0%) ($11,647,028)	$5,422,632	9.63% (2.9%) ($9,053,713)	$5,313,063	10.54% (2.0%) ($6,675,358)
TOTAL	100.0%	$220,784,771	100.0%	$24,241,500		$24,992,505		$21,794,818		$22,614,364		$23,456,747	

Exhibit 4

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Planning Area/Entity	Percent of Phase 1	Current Funding: Funding * Contracts	Current Funding: Percent of Funding	Funds For Yr.6 (00/01)	% Phase I Over/ (under)	Funds For Yr.7 (01/02)	% Phase I Over/ (under)	Funds For Yr. 8 (02/03)	% Phase I Over/ (under)	Funds For Yr.9 (03/04)	% Phase I Over/ (under)	Funds For Yr. 10 (04/05)	% Phase I Over/ (under)
Henderson :	15.9%	$24,195,794	11.0%	$5,547,483	14.72% (1.1%) ($4,156,392)	$4,517,792	14.93% (0.9%) ($3,637,811)	$5,468,154	15.31% (0.6%) ($2,312,908)	$5,117,456	15.53% (0.3%) ($1,485,850)	$3,323,198	15.31% (0.6%) ($2,604,630)
Las Vegas (Central Las Vegas Valley) :	24.5%	$61,039,782	27.6%	$6,079,682	23.47% (1.1%) ($3,867,895)	$5,593,191	23.39% (1.2%) ($4,460,310)	$7,941,467	23.83% (0.7%) ($2,927,236)	$7,603,967	24.10% (0.4%) ($1,959,255)	$4,966,650	23.72% (0.8%) ($3,863,041)
Clark County (Southwest Las Vegas Valley) :	22.4%	$50,458,084	22.9%	$1,637,667	25.29% 2.9% $10,619,775	$5,723,404	25.12% 2.8% $10,708,346	$697,113	23.70% 1.3% $5,567,676	$2,985,080	22.93% 0.6% $2,507,646	$2,328,765	22.05% (0.3%) ($1,422,274)
North Las Vegas (Northern Las Vegas Valley) :	23.2%	$63,656,986	28.8%	$5,661,932	22.19% (1.0%) ($3,571,677)	$5,237,308	22.10% (1.1%) ($4,174,807)	$7,482,118	22.51% (0.7%) ($2,743,483)	$7,169,883	22.76% (0.4%) ($1,839,286)	$4,684,060	22.40% (0.8%) ($3,642,280)
Boulder City :	1.0%	$6,542,310	3.0%	$0	1.81% 0.8% $2,763,706	$0	1.69% 0.6% $2,500,781	$0	1.58% 0.5% $2,228,385	$0	1.48% 0.4% $1,946,316	$5,000,000	2.46% 1.4% $6,654,281
Mesquite :	0.5%	$4,362,146	2.0%	$0	1.20% 0.7% $2,535,522	$0	1.13% 0.6% $2,408,421	$0	1.05% 0.6% $2,276,742	$0	0.99% 0.5% $2,140,386	$5,000,000	2.00% 1.5% $6,999,212
Clark County (Outlying Area) :	12.5%	$10,529,669	4.8%	$5,395,286	11.32% (1.2%) ($4,323,040)	$4,131,648	11.65% (0.9%) ($3,344,619)	$4,522,242	12.01% (0.5%) ($2,089,175)	$4,162,035	12.21% (0.3%) ($1,309,957)	$2,691,020	12.06% (0.5%) ($2,121,269)
TOTAL	100.0%	$220,784,771	100.0%	$24,322,050		$25,203,342		$26,111,094		$27,038,421		$27,993,693	**$247,768,535**

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.
HENDERSON :														
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	92.5	Predesign funded							0.642			5.778
Mission Hills Collection System West Diversion (incl. ROW)	C-1 Ch.	$6,120,000	103.5					Prioritized by Brd. Action 3/30/95. Funds acrue by 12/96 5.458						
Southwest C-1 Detention Basin (Black Mountain)	C-1 Ch.	$3,350,000	93.0						0.335	3.015				
Northeast C-1 Detention Basin & Outfall	C-1 Ch.	$4,260,000	103.5											
Northeast C-1 Levee	C-1 Ch.	$1,830,000	72.2											
Equestrian Dr Detention Basin & Collection System (incl. ROW)	C-1 Ch.	$4,780,000	103.0		(a)	5.800	Prioritized for funding by Brd. Action 1/12/95. Funds acrue by 12/95							
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	80.0	Lower reach design funded							0.523	4.707		
Pittman Park Detention Basin	Pittman	$5,850,000	90.5								0.057	0.513		
Duck Creek Channel - Sunset to Newport Village	Duck Creek	$561,300	80.5											
East C-1 Detention Basin	C-1 Ch.	$1,630,000	74.5										0.244	
Pittman/Pecos Detention Basin	Pittman	$3,468,000	66.7											
Whitney Ranch Channel	Pittman	$1,092,000	83.5											
Gibson Channel	Pittman	$3,241,000	64.5											
Equestrian Detention Basin Outfall	C-1 Ch.	$6,065,000	54.0											
Totals per Fiscal Year (x $1,000,000)						5.800		5.458		3.350		6.442		6.022
Henderson 10-Year Total :		**$49,919,000**												

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
HENDERSON :													
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	92.5										
Mission Hills Collection System West Diversion (incl. ROW)	C-1 Ch.	$6,120,000	103.5										
Southwest C-1 Detention Basin (Black Mountain)	C-1 Ch.	$3,350,000	93.0										
Northeast C-1 Detention Basin & Outfall	C-1 Ch.	$4,260,000	103.5	0.652			6.070						
Northeast C-1 Levee	C-1 Ch.	$1,830,000	72.2			0.275			1.560				
Equestrian Dr Detention Basin & Collection System (incl. ROW)	C-1 Ch.	$4,780,000	103.0										
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	80.0										
Pittman Park Detention Basin	Pittman	$5,850,000	90.5										
Duck Creek Channel - Sunset to Newport Village	Duck Creek	$561,300	80.5	0.056	0.504								
East C-1 Detention Basin	C-1 Ch.	$1,630,000	74.5		1.384								
Pittman/Pecos Detention Basin	Pittman	$3,468,000	66.7		2.948								
Whitney Ranch Channel	Pittman	$1,092,000	83.5									0.164	0.928
Gibson Channel	Pittman	$3,241,000	64.5							0.486			2.755
Equestrian Detention Basin Outfall	C-1 Ch.	$6,065,000	54.0					0.760			4.305		
Totals per Fiscal Year (x $1,000,000)					5.544		6.345		2.320		4.791		3.847
Henderson 10-Year Total :		**$49,919,000**											

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.
LAS VEGAS (Central Las Vegas Valley) :														
Angel Park Detention Basin Expansion (APNO 0000)	Gowan	$1,785,000	100.5			1.785	Prioritized for funding by Brd. Action 2/9/95. Funds acrue by 4/96							
Washington Ave. Channel - Reach 4 (Eastern to Sagman - LVWH 0298)	Central	$6,111,500	99.0			3.806								2.306
Upper Washington Ave. Channel & Spaghetti Bowl (WAPR 0000, LVWH 0448, 0447, 0374)	Central	$5,931,000	98.5	$0.410M ATP		Prioritized for funding by Brd. Action 3/30/95. Funds acrue by 8/96	0.190			2.038		0.676		
Freeway Conveyance South LV Cr. to Charleston (FW15 0000,0038)	Central	$9,594,000	98.5											
Oakey Drain - I15 to Valley View (FWOK 0000, 0044	Central	$3,272,000	91.5	Constructed w/Sewer & RTC	0.110		0.290	2.190		0.682				
Freeway Channel Bypass Facility (Oakey to Wall FWUP 0000, 0059	Central	$3,060,000	93.5											
Freeway Channel South Charleston to Sahara (FW15 0089)	Central	$5,874,000	93.5	Sahara to Ivanhoe Constructed with NDOT										
Owens Avenue System (Rancho to I-15 LVOW 0000))	Central	$3,126,000	95.5	Funded with RTC			0.200			2.926				
Gowan North Channel - North Basin to Lone Mnt Rd. GONO 0046)	Gowan	$6,070,000	87.5	Predesign funded	0.300			0.728			0.400		1.906	
Lone Mountain System Outfall to Durango (GOLM 0000)	Gowan	$1,187,000	87.5						0.200			0.987		
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5		0.070			0.700						
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	90.0										0.500	
Totals per Fiscal Year (x $1,000,000)						6.071		4.298		5.846		2.063		4.712
Las Vegas 10-Year Total :		**$51,860,500**												

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
LAS VEGAS (Central Las Vegas Valley) :													
Angel Park Detention Basin Expansion (APNO 0000)	Gowan	$1,785,000	100.5										
Washington Ave. Channel - Reach 4 (Eastern to Sagman - LVWH 0298)	Central	$6,111,500	99.0										
Upper Washington Ave. Channel & Spaghetti Bowl (WAPR 0000, LVWH 0448, 0447, 0374)	Central	$5,931,000	98.5		2.707								
Freeway Conveyance South LV Cr. to Charleston (FW15 0000,0038)	Central	$9,594,000	98.5	0.500	2.000		2.000		5.094				
Oakey Drain - I15 to Valley View (FWOK 0000, 0044	Central	$3,272,000	91.5										
Freeway Channel Bypass Facility (Oakey to Wall FWUP 0000, 0059	Central	$3,060,000	93.5					0.420			2.640		
Freeway Channel South Charleston to Sahara (FW15 0089)	Central	$5,874,000	93.5							0.500	2.687		2.687
Owens Avenue System (Rancho to I-15 LVOW 0000))	Central	$3,126,000	95.5										
Gowan North Channel - North Basin to Lone Mnt Rd. GONO 0046)	Gowan	$6,070,000	87.5				1.673		1.063				
Lone Mountain System Outfall to Durango (GOLM 0000)	Gowan	$1,187,000	87.5										
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5										
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	90.0					0.900			2.000		2.000
			Totals per Fiscal Year (x $1,000,000)		5.207		3.673		7.477		7.827		4.687
Las Vegas 10-Year Total :		**$51,860,500**											

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Exhibit C

10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.
NORTH LAS VEGAS (Northern Las Vegas Valley) :														
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	101.0	Predesign funded										1.220
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	98.0	Interlocal executed 12/8/94			0.500					1.300		1.670
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	95.0	Interlocal executed 12/8/94				3.170		3.330		2.000		
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	90.0											
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	90.0				0.500							
West Tributary Channel (LV Blvd. - UPRR)	Range	$4,270,000	90.0										0.800	
A Channel (LV Blvd - Camino Al Norte)	N. LV Wash	$8,360,000	87.0	Camino Al Norte crossing completed										
A Channel Craig Road Confluence Structure	N. LV Wash	$1,000,000	87.0										0.200	
Upper Las Vegas Wash - Craig Road to Ann Road	N. LV Wash	$4,429,000	87.0											
East Range Wash Detention Basin	Range	$2,650,000	57.5											
Totals per Fiscal Year (x $1,000,000)					0.000		4.170		3.330		3.300		3.890	
North Las Vegas 10-Year Total :		**$42,938,000**												
CLARK COUNTY (Southwest Las Vegas Valley) :														
Lower Duck Creek Detention Basin (incl. ROW)	uck/Blue Dia	$8,000,000	117.0											
Corps of Engineer's Tropicana/ Flamingo Project	Flam./Trop.	$41,142,001				11.201		6.336		7.158		8.461		6.349
Flamingo Wash (Tropicana Wash to Decatur Blvd.)	Flam./Trop.	$4,990,000	101.5											
Flamingo Wash (McLeod to Tropicana Wash)	Flam./Trop.	$2,490,000	95.0											
Buffalo/Desert Inn Drain; Rainbow Drain; Desert Inn Detention Basin	Flam./Trop.	$5,630,000	82.5											
Totals per Fiscal Year (x $1,000,000)						11.201		6.336		7.158		8.461		6.349
Clark County (SWLVV) 10-Year Total :		**$60,410,001**												

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Exhibit C

10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
NORTH LAS VEGAS (Northern Las Vegas Valley) :													
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	101.0						2.780		1.000		
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	98.0						1.220				
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	95.0										
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	90.0			0.940					1.000		2.000
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	90.0		5.210								
West Tributary Channel (LV Blvd. - UPRR)	Range	$4,270,000	90.0				3.170						
A Channel (LV Blvd - Camino Al Norte)	N. LV Wash	$8,360,000	87.0	0.780					2.740		2.740		
A Channel Craig Road Confluence Structure	N. LV Wash	$1,000,000	87.0		0.800								
Upper Las Vegas Wash - Craig Road to Ann Road	N. LV Wash	$4,429,000	87.0							0.650			2.568
East Range Wash Detention Basin	Range	$2,650,000	57.5							0.650			
Totals per Fiscal Year (x $1,000,000)					6.790		4.110		6.740		6.040		4.568
North Las Vegas 10-Year Total :		**$42,938,000**											
CLARK COUNTY (Southwest Las Vegas Valley) :													
Lower Duck Creek Detention Basin (incl. ROW)	uck/Blue Dia	$8,000,000	117.0			0.894	5.000		2.422				
Corps of Engineer's Tropicana/ Flamingo Project	Flam./Trop.	$41,142,001			1.638								
Flamingo Wash (Tropicana Wash to Decatur Blvd.)	Flam./Trop.	$4,990,000	101.5					0.500	1.482		3.008		
Flamingo Wash (McLeod to Tropicana Wash)	Flam./Trop.	$2,490,000	95.0							0.306	2.000		0.184
Buffalo/Desert Inn Drain; Rainbow Drain; Desert Inn Detention Basin	Flam./Trop.	$5,630,000	82.5									0.472	3.000
Totals per Fiscal Year (x $1,000,000)					1.638		5.894		4.404		5.314		3.656
Clark County (SWLVV) 10-Year Total :		**$60,410,001**											

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.
CLARK COUNTY (Outlying Areas) :														
Hiko Springs Det. Basin Outfall	Laughlin	$3,000,000	*				0.250	1.891		0.859				
Goodsprings - Phase 1 Improvements	Goodsprings	$352,700	*	Design funded				0.500						
Searchlight - Eastern Portion Improvements	Searchlight	$405,800	*	Design funded										
Bunkerville	Bunkerville	$1,297,000	*	Design funded				1.294 0.297						
Muddy River	Moapa Valley	$8,259,000	*		1.650					4.172		2.435		
Overton Wash/ Railroad Channel	Moapa Valley	$15,350,000	*		Prioritized for funding by Brd. Action 1/12/95. Funds acrue by 2/96							1.500		
Blue Diamond	Blue Diamond	$170,000	*										0.038	0.212
Bridge Canyon - Floodway/Outfall	Laughlin	$9,250,000	*										0.576	3.000
Indian Springs	Indian Springs	$594,700	*											
Totals per Fiscal Year (x $1,000,000)						1.650		4.232		5.031		3.935		3.826
Clark County (Outlying) 10-Year Total : $33,809,000														

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
CLARK COUNTY (Outlying Areas) :													
Hiko Springs Det. Basin Outfall	Laughlin	$3,000,000	*										
Goodsprings - Phase 1 Improvements	Goodsprings	$352,700	*										
Searchlight - Eastern Portion Improvements	Searchlight	$405,800	*						0.406				
Bunkerville	Bunkerville	$1,297,000	*										
Muddy River	Moapa Valley	$8,259,000	*										
Overton Wash/ Railroad Channel	Moapa Valley	$15,350,000	*				0.819		2.680		2.998		1.963
Blue Diamond	Blue Diamond	$170,000	*										
Bridge Canyon - Floodway/Outfall	Laughlin	$9,250,000	*		3.951		1.723						
Indian Springs	Indian Springs	$594,700	*	0.100			0.495						
Totals per Fiscal Year (x $1,000,000)					4.051		3.037		3.086		2.998		1.963
Clark County (Outlying) 10-Year Total : $33,809,000													

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.
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	*											
I15 to Virgin River	ulsipher Was	$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														
Channel & Box Culverts	West Airport	$2,700,000	*											
Basin,Channels, Culverts & Drains	North Railroad	$1,755,000	*											
Replace Culverts	Georgia/ Buchanan	$600,000	*											
Totals per Fiscal Year (x $1,000,000)						0.000		0.000		0.000		0.000		0.000
Boulder City 10-Year Total :		**$5,055,000**												
Program Total per Fiscal Year (x $1,000,000)						24.722		24.494		24.715		24.201		24.799
Projected Revenue Per Fiscal Year (x $1,000,000)					(a)	28.238		20.996		21.795		22.614		23.457
Remaining Revenue Per Fiscal Year (x$1,000,000)						3.517		(3.498)		(2.920)		(1.586)		(1.342)
10-Year Total 95/96 thru 04/05 :		**$249,951,501**												
10-Year Projected Revenue:		**$247,768,534**												

(a) Includes revenue income, $2.827M acrued in 94/95 for 95/96 project and $6.199M remaining from previously set aside for COE.

Exhibit C

DRAFT
10-YEAR CONSTRUCTION PROGRAM

File: n:\CCRFCD\10-YEAR\FY95_96\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
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	ulsipher Was	$1,200,000	*									0.180	1.020
Totals per Fiscal Year (x $1,000,000)					0.000		0.000		0.000		0.000		5.960
City of Mesquite 10-Year Total :			**$5,960,000**										
BOULDER CITY													
Channel & Box Culverts	West Airport	$2,700,000	*									2.700	
Basin,Channels, Culverts & Drains	North Railroad	$1,755,000	*									1.755	
Replace Culverts	Georgia/ Buchanan	$600,000	*									0.600	
Totals per Fiscal Year (x $1,000,000)					0.000		0.000		0.000		0.000		5.055
Boulder City 10-Year Total :			**$5,055,000**										
Program Total per Fiscal Year (x $1,000,000)					23.230		23.059		24.027		26.970		29.736
Projected Revenue Per Fiscal Year (x $1,000,000)					24.322		25.203		26.111		27.038		27.994
Remaining Revenue Per Fiscal Year (x$1,000,000)					1.092		2.144		2.084		0.068		(1.742)
10-Year Total 95/96 thru 04/05 :			**$249,951,501**										
10-Year Projected Revenue:			**$247,768,534**										

(a) Includes revenue income, $2.827M acrued in 94/95 for 95/96 project and $6.199M remaining from previously set aside for COE.

Exhibit D

PHASE 1 CONSTRUCTION PROGRAM
Summary of Funding

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FY95_96\funsum95.xls

Planning Area/Entity	Percent of Phase 1	Current Funding: Funding * Contracts	Current Funding: Percent of Funding	Funds Remaining on Bond List	Total Funding Programmed and Committed	Funding Proposed on 10-Year Program	Estimated Total Through FY 04/05	Percent of Total	Percent of Total Over (Under) Programmed Amount
Henderson :	15.9%	$24,195,794	11.0%	$0	$24,195,794	$49,919,000	$74,114,794	15.8%	(0.1%) ($469,846)
Las Vegas (Central Las Vegas Valley) :	24.5%	$61,039,782	27.6%	$0	$61,039,782	$51,162,500	$112,202,282	23.9%	(0.7%) ($3,158,269)
Clark County (Southwest Las Vegas Valley) :	22.4%	$50,458,084	22.9%	$0	$50,458,084	$60,410,001 (a)	$110,868,085	23.6%	1.2% $5,779,364
North Las Vegas (Northern Las Vegas Valley) :	23.2%	$63,656,986	28.8%	$0	$63,656,986	$42,938,000	$106,594,986	22.7%	(0.5%) ($2,328,242)
Boulder City :	1.0%	$6,542,310	3.0%	$0	$6,542,310	$5,055,000	$11,597,310	2.5%	1.4% $6,693,789
Mesquite :	0.5%	$4,362,145	2.0%	$0	$4,362,145	$5,960,000	$10,322,145	2.2%	1.7% $7,951,723
Clark County (Outlying Area) :	12.5%	$10,529,669	4.8%	$0	$10,529,669	$33,809,000	$44,338,669	9.4%	(3.1%) ($14,468,518)
TOTAL	100.0%	$220,784,770	100.0%	$0	$220,784,770	$249,253,501	$470,038,271	100.0%	

(a) Includes
$41,142,001 for COE
Trop/Flamingo Project
95/96 thru 04/05

* Includeds Project Close Outs and Present Interlocal Contracts

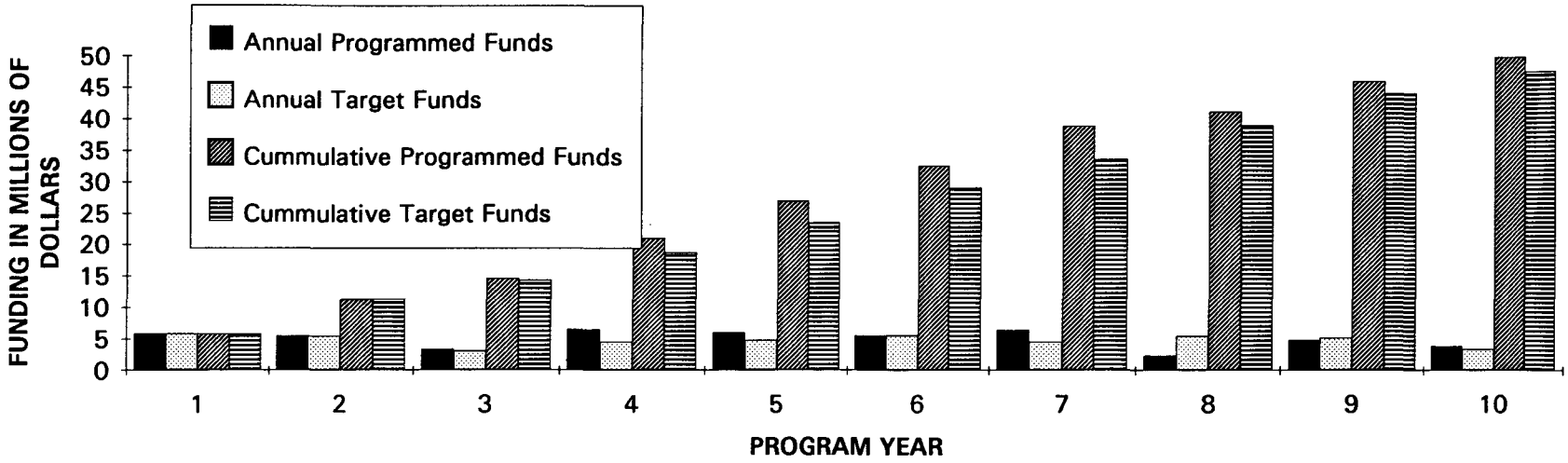
EXHIBIT 6

SUMMARY PROGRAMMED VS. TARGET		Yr. 1	Cum	Yr. 2	Cum	Yr.3	Cum	Yr. 4	Cum	Yr. 5	Cum
Henderson	Programmed	5.800	5.800	5.458	11.258	3.350	14.608	6.442	21.050	6.022	27.072
	Target	*5.800*	5.800	*5.458*	11.258	*3.052*	14.310	*4.470*	18.780	*4.794*	23.575
	Over/(under)	0.000	0.000	0.000	0.000	0.298	0.298	1.972	2.270	1.228	3.497
Las Vegas	Programmed	5.961	5.961	4.408	10.369	5.846	16.215	2.063	18.278	4.212	22.490
	Target	*5.591*	5.591	*3.919*	9.510	*2.470*	11.980	*2.267*	14.247	*3.661*	17.908
	Over/(under)	0.370	0.370	0.489	0.859	3.376	4.234	(0.204)	4.031	0.551	4.581
North Las Vegas	Programmed	0.000	0.000	4.170	4.170	3.330	7.500	3.300	10.800	3.890	14.690
	Target	*0.000*	0.000	*3.574*	3.574	*2.137*	5.711	*1.994*	7.705	*3.339*	11.045
	Over/(under)	0.000	0.000	0.596	0.596	1.193	1.789	1.306	3.095	0.551	3.645
Clark County	Programmed	11.201	11.201	6.336	17.537	7.158	24.695	8.461	33.155	6.349	39.504
	Target	*11.201*	11.201	*6.336*	17.537	*7.158*	24.695	*8.461*	33.155	*6.349*	39.504
	Over/(under)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Mesquite	Programmed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Target	*0.000*	0.000	*0.000*	0.000	*0.000*	0.000	*0.000*	0.000	*0.000*	0.000
	Over/(under)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Boulder City	Programmed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Target	*0.000*	0.000	*0.000*	0.000	*0.000*	0.000	*0.000*	0.000	*0.000*	0.000
	Over/(under)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Clark County Outlying	Programmed	1.650	1.650	4.232	5.882	5.031	10.913	3.935	14.848	3.826	18.674
	Target	*1.650*	1.650	*5.705*	7.355	*6.977*	14.333	*5.423*	19.755	*5.313*	25.068
	Over/(under)	0.000	0.000	(1.473)	(1.473)	(1.946)	(3.420)	(1.488)	(4.907)	(1.487)	(6.394)
TOTAL PROGRAM	Programmed	24.612	24.612	24.604	49.216	24.715	73.930	24.201	98.131	24.299	122.430
	Target	*24.242*	*24.242*	*24.993*	*49.234*	*21.795*	*71.029*	*22.614*	*93.643*	*23.457*	*117.100*
	Over/(under)	0.370	0.370	(0.389)	(0.019)	2.920	2.901	1.586	4.488	0.842	5.330

EXHIBIT 6

SUMMARY PROGRAMMED VS. TARGET		Yr.6	Cum	Yr. 7	Cum	Yr. 8	Cum	Yr.9	Cum	Yr. 10	Cum
Henderson	Programmed	5.544	32.616	6.345	38.961	2.320	41.281	4.791	46.072	3.847	49.919
	Target	*5.547*	29.122	*4.518*	33.640	*5.468*	39.108	*5.117*	44.225	*3.323*	47.549
	Over/(under)	(0.003)	3.494	1.827	5.321	(3.148)	2.173	(0.326)	1.847	0.524	2.370
Las Vegas	Programmed	5.207	27.697	3.673	31.370	6.577	37.947	7.929	45.876	5.287	51.163
	Target	*6.080*	23.988	*5.593*	29.581	*7.941*	37.523	*7.604*	45.127	*4.967*	50.093
	Over/(under)	(0.873)	3.708	(1.920)	1.788	(1.364)	0.424	0.325	0.749	0.320	1.069
North Las Vegas	Programmed	6.790	21.480	4.110	25.590	6.740	32.330	6.040	38.370	4.568	42.938
	Target	*5.662*	16.706	*5.237*	21.944	*7.482*	29.426	*7.170*	36.596	*4.684*	41.280
	Over/(under)	1.128	4.774	(1.127)	3.646	(0.742)	2.904	(1.130)	1.774	(0.116)	1.658
Clark County	Programmed	1.638	41.142	5.894	47.036	4.404	51.440	5.314	56.754	3.656	60.410
	Target	*1.638*	41.142	*5.723*	46.865	*0.697*	47.563	*2.985*	50.548	*2.329*	52.876
	Over/(under)	0.000	0.000	0.171	0.171	3.707	3.877	2.329	6.206	1.327	7.534
Mesquite	Programmed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.960	5.960
	Target	*0.000*	0.000	*0.000*	0.000	*0.000*	0.000	*0.000*	0.000	*5.000*	5.000
	Over/(under)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.960	0.960
Boulder City	Programmed	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.055	5.055
	Target	*0.000*	0.000	*0.000*	0.000	*0.000*	0.000	*0.000*	0.000	*5.000*	5.000
	Over/(under)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.055	0.055
Clark County Outlying	Programmed	4.051	22.725	3.037	25.762	3.086	28.848	2.998	31.846	1.963	33.809
	Target	*5.395*	30.464	*4.132*	34.595	*4.522*	39.117	*4.162*	43.279	*2.691*	45.970
	Over/(under)	(1.344)	(7.739)	(1.095)	(8.833)	(1.436)	(10.269)	(1.164)	(11.433)	(0.728)	(12.161)
TOTAL PROGRAM	Programmed	23.230	145.660	23.059	168.719	23.127	191.846	27.072	218.918	30.336	249.254
	Target	*24.322*	*141.422*	*25.203*	*166.625*	*26.111*	*192.736*	*27.038*	*219.775*	*27.994*	*247.769*
	Over/(under)	(1.092)	4.238	(2.144)	2.093	(2.984)	(0.891)	0.034	(0.857)	2.342	1.485

City of Henderson



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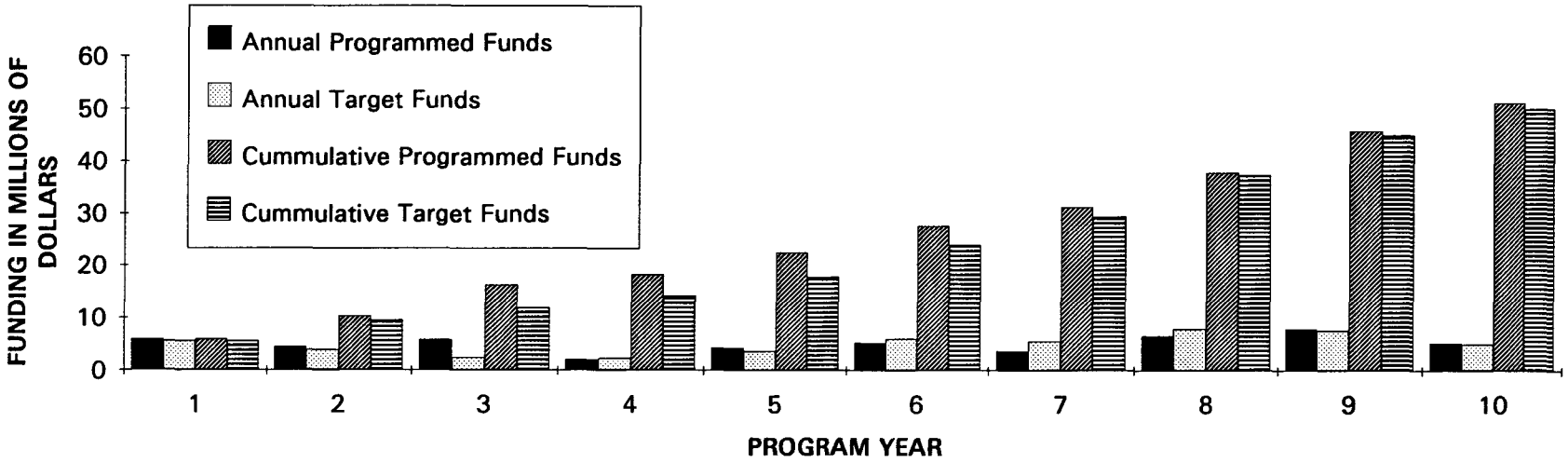
City of Las Vegas



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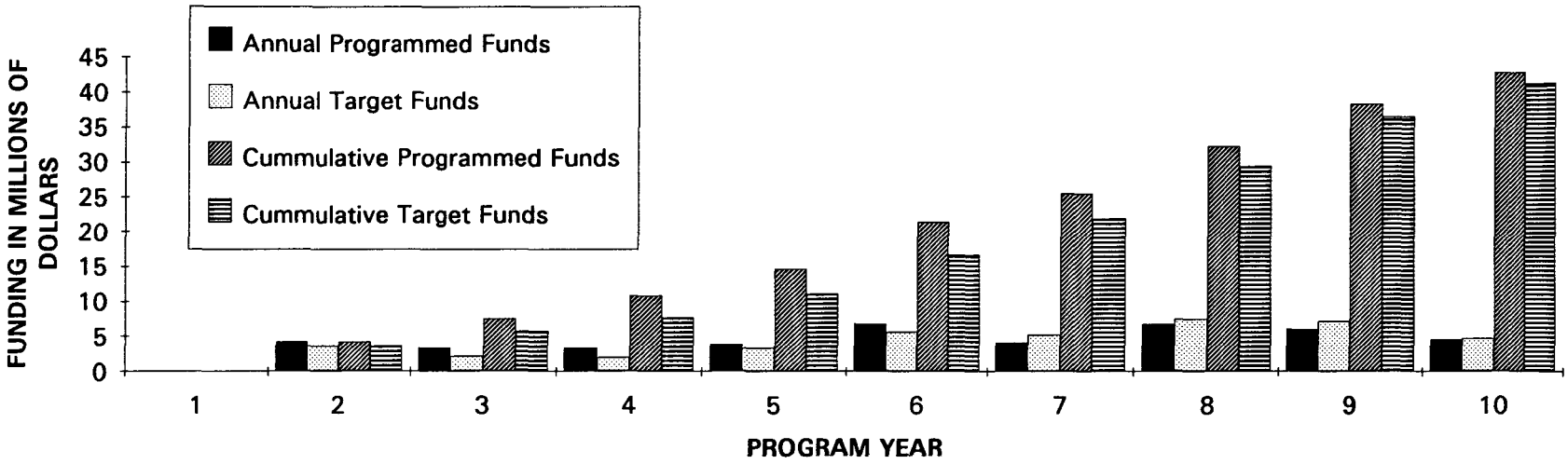
City of North Las Vegas



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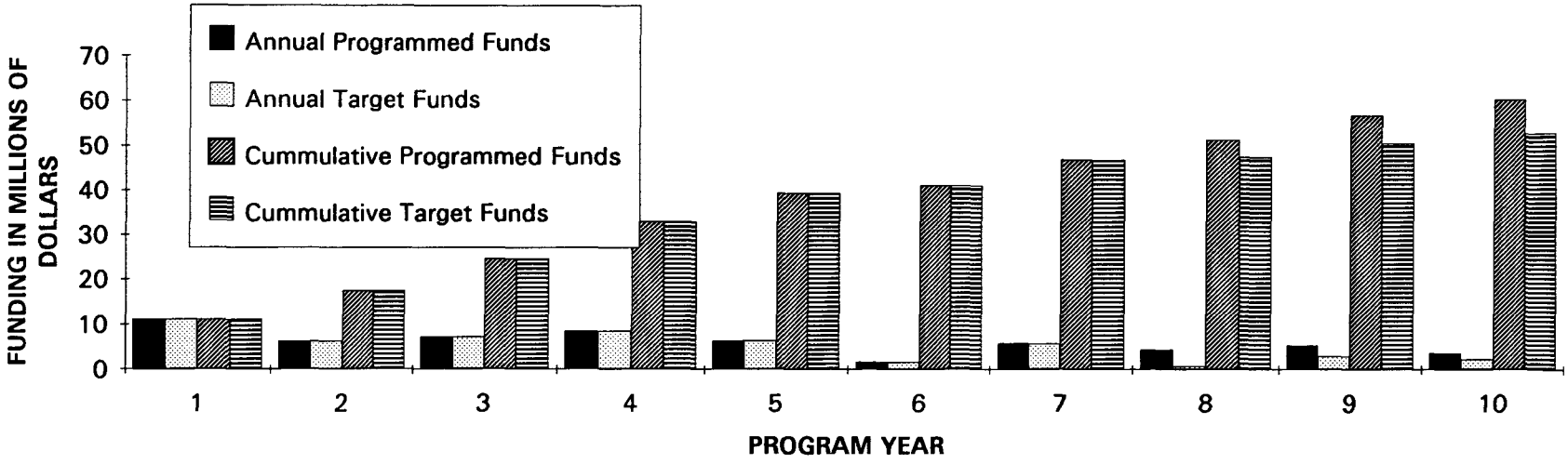
Clark County



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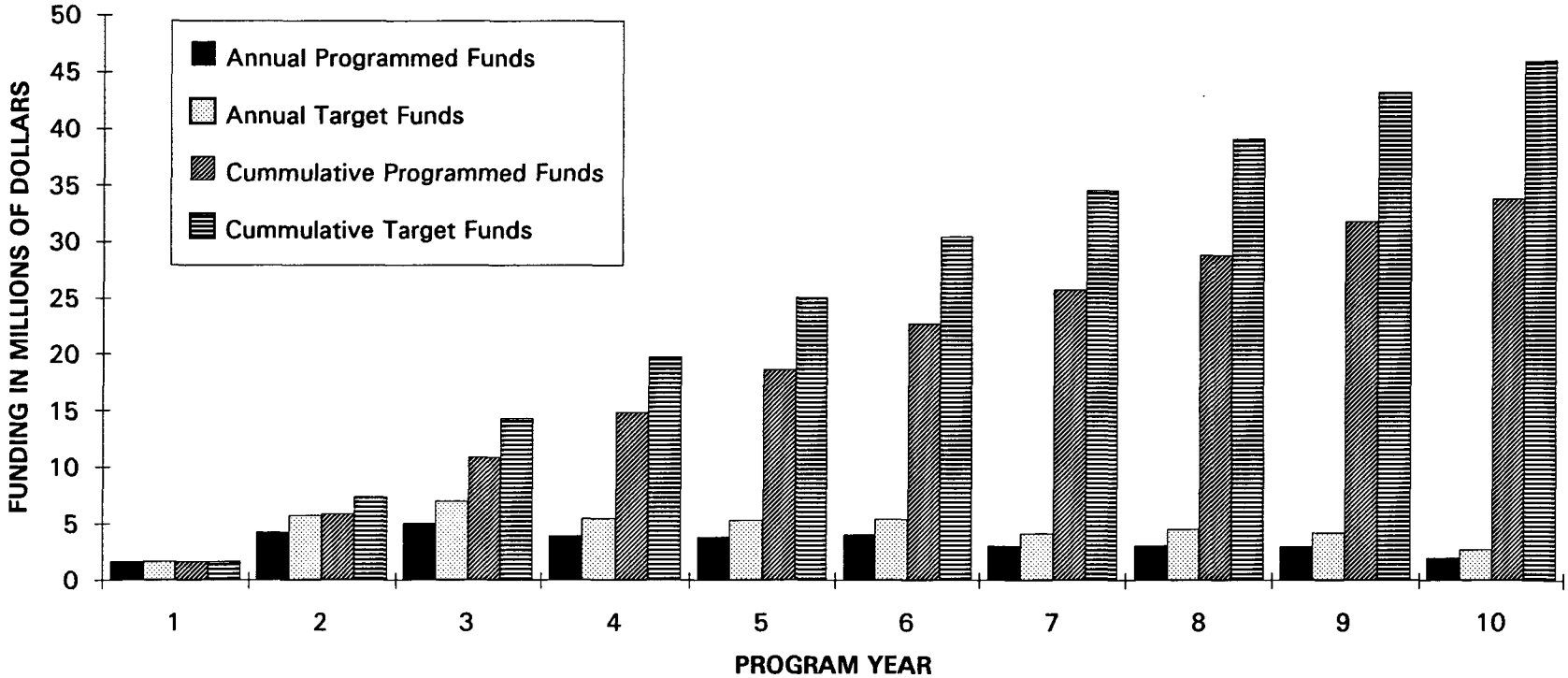
Clark County Outlying



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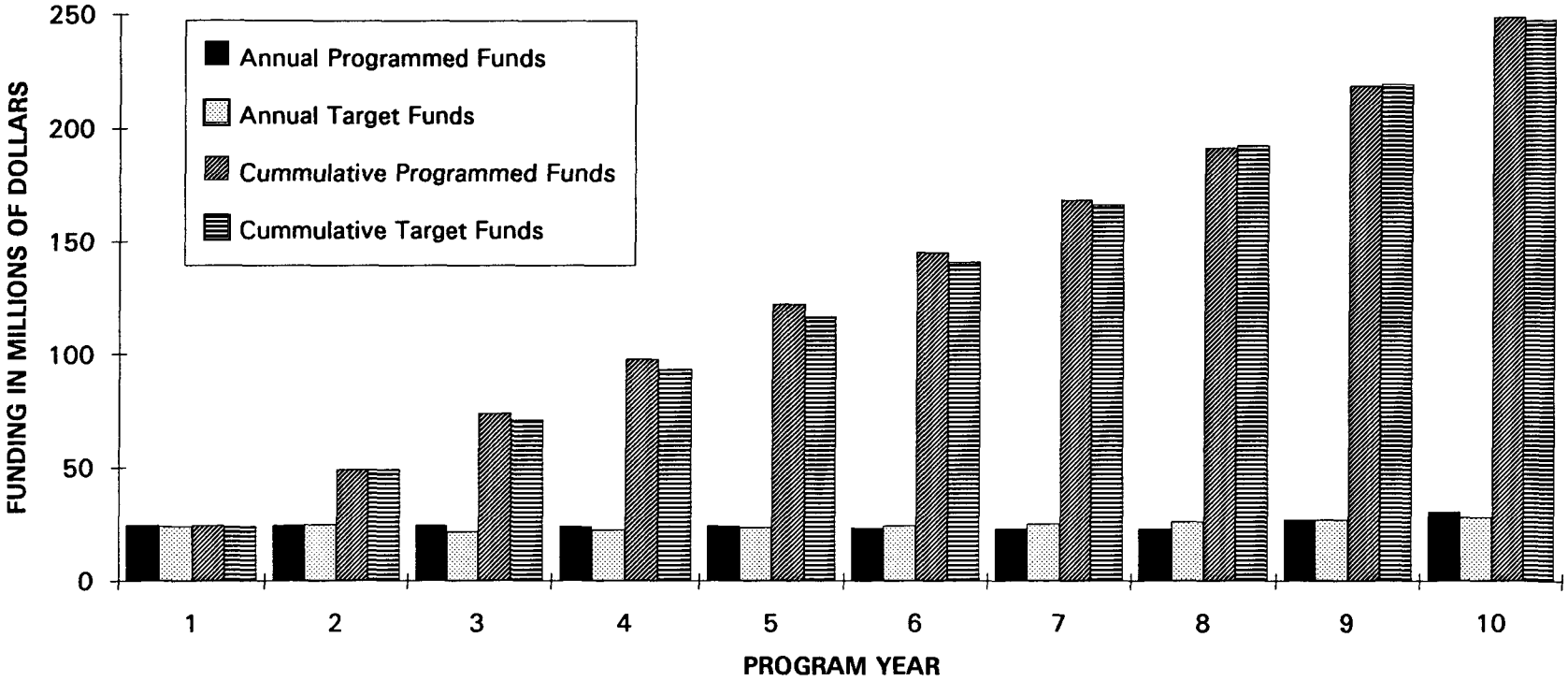
Total Program



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Project Prioritization

Proposed Amendments 1995

Exhibit B

As Amended by the Board on August 13, 1992; November 12, 1992; December 10, 1992; August 11, 1993; July 14, 1994

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Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val	
HENDERSON :														
UPRR Channel	Pittman	$3,086,000	5 25.0	5 22.5	5 20.0	3 10.5	5 15.0	2 5.0	4 8.0	5 7.5	4 4.0	4 2.0	42 119.5	
Lower C-1 Channel (Lake Mead Dr. - Drake St.)	C-1 Ch.	$4,140,000	5 25.0	4 18.0	2 8.0	5 17.5	5 15.0	2 5.0	4 8.0	4 6.0	2 2.0	4 2.0	37 106.5	
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	2 10.0	4 18.0	4 16.0	4 14.0	4 12.0	3 7.5	4 8.0	3 4.5	1 1.0	3 1.5	32 92.5	
Mission Hills Detention Basin and Collection System (incl. ROW)	C-1 Ch.	$6,120,000	4 20.0	4 18.0	3 12.0	4 14.0	4 12.0	4 10.0	4 8.0	4 6.0	2 2.0	3 1.5	36 103.5	
Southwest C-1 Detention Basin (ROW acq.)	C-1 Ch.	$1,896,100	3 15.0	4 18.0	34 12.0	3 10.5	24 6.0	13 2.5	44 8.0	33 4.5	12 1.0	31 1.5	27 79.0	93
Northeast C-1 Detention Basin & Outfall	C-1 Ch.	$6,520,000	3 15.0	4 18.0	3 12.0	3 10.5	2 6.0	1 2.5	4 8.0	3 4.5	1 1.0	3 1.5	26 77.5	103.5
Equestrian Dr Detention Basin & Collection System (incl. ROW)	C-1 Ch.	$4,780,000	4 20.0	4 18.0	4 16.0	3 10.5	4 12.0	4 10.0	3 6.0	4 6.0	3 3.0	3 1.5	36 103.0	
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	3 15.0	3 13.5	4 16.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	4 4.0	4 2.0	31 80.0	
Pittman Park Detention Basin	Pittman	$565,000	2 10.0	3 13.5	3 12.0	4 14.0	3 9.0	4 10.0	5 10.0	5 7.5	3 3.0	3 1.5	35 90.5	
Duck Creek Channel, Sunset to Newport Village	Duck Creek	$560,300	3 15.0	3 13.5	4 16.0	3 10.5	2 6.0	1 2.5	3 6.0	3 4.5	4 4.0	5 2.5	31 80.5	
Pittman Wash (Duck Creek - Stephanie St)	Pittman	$4,390,000	1 5.0	5 22.5	3 12.0	5 17.5	2 6.0	4 10.0	5 10.0	4 6.0	2 2.0	2 1.0	33 92.0	
Whitney Ranch Channel	Pittman	$1,092,000	1 5.0	4 18.0	4 16.0	1 3.5	1 3.0	1 2.5	2 4.0	1 1.5	1 1.0	2 1.0	18 55.5	83.5
Gibson Conveyance System	Pittman	$2,980,000	1 5.0	2 9.0	2 8.0	4 14.0	3 9.0	2 5.0	4 8.0	2 3.0	2 2.0	3 1.5	25 64.5	
Cosmo World Detention Basin (incl. ROW)	Pittman	$9,860,000	1 5.0	3 13.5	1 4.0	1 3.5	4 12.0	1 2.5	4 8.0	2 3.0	2 2.0	1 0.5	20 54.0	64
East Detention Basin (incl. ROW)	C-1 Ch.	$1,630,000	4 20.0	3 13.5	3 12.0	4 14.0	3 9.0	1 2.5	3 6.0	4 6.0	3 3.0	3 1.5	31 87.5	74.5
Railroad East Conveyance & Detention Basin	Pittman	$5,608,000	1 5.0	2 9.0	1 4.0	2 7.0	2 6.0	3 7.5	4 8.0	3 4.5	2 2.0	1 0.5	21 53.5	58
Equestrian Dr Detention Basin Outfall	C-1 Ch.	$5,070,000	2 10.0	3 13.5	2 8.0	2 7.0	3 9.0	2 5.0	4 8.0	2 3.0	2 2.0	1 0.5	23 66.0	54
Mac Donald Ranch Detention Basin (ROW acq.)	Pittman	$70,000	1 5.0	3 13.5	0 0.0	1 3.5	4 12.0	2 5.0	4 8.0	2 3.0	1 1.0	1 0.5	52 51.5	42.5
Pittman Pecos Detention Basin	Pittman	$3,468,000	4 20.0	4 18.0	1 4.0	1 3.5	4 12.0	4 10.0	4 8.0	4 6.0	1 1.0	1 0.5	83 83.0	395
Northeast/East Levee	C-1 Ch.	$1,830,300	3 15.0	4 18.0	4 16.0	3 10.5	2 6.0	1 2.5	3 6.0	1 1.5	1 1.0	3 1.5	78 78.0	New
McDonald Ranch Channel	Pittman	$120,000	1 5.0	2 9.0	1 4.0	0 0.0	4 12.0	2 5.0	4 8.0	3 4.5	1 1.0	1 0.5	49 49.0	New

Project Prioritization

Proposed Amendments 1995

As Amended by the Board on August 13, 1992; November 12, 1992; December 10, 1992; August 11, 1993; July 14, 1994

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Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
LAS VEGAS (Central Las Vegas Valley) :													
Carey Ave/Lake Mead Detention Basin	Central	$4,200,000	4 20.0	3 13.5	4 16.0	3 10.5	5 15.0	4 10.0	3 6.0	5 7.5	1 1.0	3 1.5	35 101.0
Oakey Detention Basin and Collection System	Central	$6,600,000	4 20.0	4 18.0	3 12.0	5 17.5	2 6.0	5 12.5	3 6.0	4 6.0	1 1.0	4 2.0	35 101.0
Oakey Detention Basin Outfall	Central	$3,890,000	4 20.0	4 18.0	3 12.0	5 17.5	2 6.0	5 12.5	3 6.0	4 6.0	1 1.0	4 2.0	35 101.0
Gowan Outfall Structure (Decatur - Tenaya Way)	Gowan	$4,530,000	4 20.0	4 18.0	5 20.0	4 14.0	2 6.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	34 100.5
Gowan Detention Basins	Gowan	$11,560,000	4 20.0	4 18.0	5 20.0	4 14.0	2 6.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	34 100.5
Angel Park Detention Basin Expansion	Gowan	$100,000	4 20.0	4 18.0	2 8.0	4 14.0	4 12.0	5 12.5	5 10.0	2 3.0	1 1.0	4 2.0	35 100.5
Cheyenne Channel	Gowan	$1,000,000	3 15.0	3 13.5	4 16.0	4 14.0	4 12.0	5 12.5	5 10.0	3 4.5	1 1.0	4 2.0	36 100.5
Peccole Ranch Outfalls (Rampart Storm Drain)	Gowan	$1,490,000	3 15.0	3 13.5	3 12.0	4 14.0	4 12.0	5 12.5	5 10.0	5 7.5	1 1.0	4 2.0	37 99.5
Washington Avenue Channel - Reach 1 (Las Vegas Wash - Honolulu)	Central	$7,740,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 2 (Honolulu - Mojave Rd)	Central	$5,750,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 3 (Mojave Rd - 24th St)	Central	$3,420,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 4 (24th St - F St)	Central	$4,080,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Ave Channel Parallel Drain to F St.	Central	$7,680,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0

Project Prioritization

Proposed Amendments 1995

As Amended by the Board on August 13, 1992; November 12, 1992; December 10, 1992; August 11, 1993; July 14, 1994

file:n:\CCRFCD\10year\fy95_96\prir9596.xls

Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
LAS VEGAS (Central Las Vegas Valley) (continued):													
Phase 1 Charleston Underpass Solution/Freeway Conveyance	Central	$9,380,000	5 25.0	3 13.5	5 20.0	5 17.5	2 6.0	2 5.0	2 4.0	3 4.5	1 1.0	4 2.0	32 98.5
Buffalo Channel (Vegas Dr - Charleston)	Gowan	$3,980,000	3 15.0	3 13.5	3 12.0	3 10.5	4 12.0	4 10.0	5 10.0	4 6.0	2 2.0	3 1.5	34 92.5
Gowan North Channel (Detention Basin - Lone Mountain)	Gowan	$4,960,000	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	5 10.0	2 3.0	1 1.0	4 2.0	30 87.5
Gowan North Channel (Lone Mountain - CAM-10 Detention Basin)	Gowan	$7,250,000	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	5 10.0	2 3.0	1 1.0	4 2.0	30 87.5
CAM-10 Detention Basin (West Centennial)	Gowan	$3,510,000	3 15.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	4 8.0	2 3.0	1 1.0	4 2.0	28 80.5
West Charleston Drain (Martin L. King - Rancho Dr.)	Central	$1,900,000	4 20.0	2 9.0	4 16.0	4 14.0	2 6.0	1 2.5	2 4.0	4 6.0	1 1.0	2 1.0	26 79.5
Freeway Channel North - Drain and Culvert (Washington W. of I-15)	Central	$3,000,000	3 15.0	3 13.5	3 12.0	3 10.5	2 6.0	1 2.5	5 10.0	4 6.0	1 1.0	2 1.0	27 77.5
I-15 Freeway Channel (Sahara Avenue to Charleston)	Gowan	$1,492,000	4 20.0	3 13.5	5 20.0	5 17.5	2 6.0	2 5.0	2 4.0	3 4.5	1 1.0	4 2.0	31 93.5
Meadows-Alta Phase V (Falcon Lane to Jones Boulevard)	Central	$954,800	3 15.0	3 13.5	4 16.0	5 17.5	5 15.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	35 99.5
Lone Mountain Detention Basin	Central	$5,000,000	3 15.0	4 18.0	4 16.0	5 17.5	5 15.0	5 12.5	4 8.0	4 6.0	2 2.0	3 1.5	39 111.5
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	3 15.0	2 9.0	4 16.0	5 17.5	3 9.0	2 5.0	5 10.0	4 6.0	1 1.0	3 1.5	32 90.0
Cheyenne Channel Crossings	Gowan	$1,620,000	4 20.0	4 18.0	3 12.0	5 17.5	4 12.0	4 10.0	5 10.0	5 7.5	1 1.0	4 2.0	39 110.0
Owens Avenue System	Central	$3,005,000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	5 12.5	4 8.0	5 7.5	1 1.0	3 1.5	34 95.5
Oakey Stormdrain	Central	$3,272,000	4 20.0	3 13.5	3 12.0	3 10.5	5 15.0	4 10.0	3 6.0	2 3.0	1 1.0	1 0.5	29 91.5

Exhibit B

Project Prioritization

Proposed Amendments 1995

As Amended by the Board on August 13, 1992; November 12, 1992; December 10, 1992; August 11, 1993; July 14, 1994

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Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
NORTH LAS VEGAS (Northern Las Vegas Valley) :													
Confluence Detention Basin (incl. ROW)	Range	$7,720,000	5 25.0	5 22.5	5 20.0	5 17.5	4 12.0	1 2.5	4 8.0	5 7.5	2 2.0	4 2.0	40 119.0
Upper Las Vegas Wash Interception Berm/Channel	N. LV Wash	$3,310,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
Upper Las Vegas Wash Detention Basin	N. LV Wash	$10,120,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
North Las Vegas Detention Basin (Outlet modifications)	N. LV Wash	$30,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
West Range Wash Diversion Dike	Range	$5,530,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	4 20.0	4 18.0	3 12.0	4 14.0	4 12.0	3 7.5	4 8.0	4 6.0	2 2.0	3 1.5	35 101.0
Kyle Canyon Detention Basin (incl. ROW)	N. LV Wash	$11,300,000	4 20.0	4 18.0	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	32 96.0
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	4 10.0	4 8.0	4 6.0	2 2.0	3 1.5	97.0
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	3 1.5	33 93.0
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	3 1.5	33 93.0
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	3 15.0	3 13.5	4 16.0	4 14.0	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	2 1.0	32 90.5
West Tributary Channel (Las Vegas Blvd - UPRR)	Range	$4,270,000	3 15.0	3 13.5	4 16.0	4 14.0	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	2 1.0	32 90.5
A Channel (Las Vegas Blvd - Camino AL Norte)	N. LV Wash	$8,360,000	3 15.0	3 13.5	3 12.0	3 10.5	4 12.0	4 10.0	3 6.0	3 4.5	2 2.0	3 1.5	31 87.0
New Channel Reaches (Flamingo Rd - Pecos Rd)	Low. LV Wash	$7,780,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	1 2.0	1 1.5	1 1.0	3 1.5	20 62.0
Western Trib. (Camino Al Norte - Ann Rd)	N. LV Wash	$4,740,000	2 10.0	2 9.0	2 8.0	2 7.0	2 6.0	2 5.0	3 6.0	3 4.5	3 3.0	3 1.5	24 60.0
East Tributary Detention Basin (ROW acq.)	Range	$160,000	2 10.0	3 13.5	2 8.0	2 7.0	2 6.0	1 2.5	2 4.0	3 4.5	1 1.0	2 1.0	20 57.5
Western Trib. (Ann Rd - Centennial Rd)	N. LV Wash	$5,180,000	2 10.0	2 9.0	2 8.0	2 7.0	2 6.0	2 5.0	2 4.0	2 3.0	3 3.0	3 1.5	22 56.5
Upgrade Existing Channel Reaches (Flamingo Rd - Pecos Rd)	Low. LV Wash	$4,660,000	2 10.0	2 9.0	1 4.0	1 3.5	1 3.0	1 2.5	1 2.0	1 1.5	1 1.0	3 1.5	14 38.0

Project Prioritization

Proposed Amendments 1995

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Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
CLARK COUNTY (Southwest Las Vegas Valley) :													
Lower Duck Creek Detention Basin (incl. ROW)	Duck/Blue Dia.	$6,540,000	5 25.0	5 22.5	5 20.0	4 14.0	4 12.0	2 5.0	5 10.0	3 4.5	2 2.0	4 2.0	39 117.0
Van Buskirk Outfall (Flamingo Wash - Flamingo Rd)	Flam./Trop.	$3,050,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	2 5.0	5 10.0	5 7.5	2 2.0	3 1.5	38 109.5
Van Buskirk Channel Upgrades Detention Basin C	Flam./Trop.	$3,060,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	2 5.0	5 10.0	5 7.5	1 1.0	3 1.5	37 108.5
Van Buskirk - Twain, McLeod, Viking, and Tompkins Systems	Flam./Trop.	$5,460,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	2 5.0	5 10.0	4 6.0	1 1.0	3 1.5	36 107.0
Tropicana Detention Basin (incl. ROW)	Flam./Trop.	$7,600,000	4 20.0	4 18.0	5 20.0	3 10.5	4 12.0	3 7.5	5 10.0	3 4.5	2 2.0	3 1.5	36 106.0
Van Buskirk Detention Basin (ROW acq.)	Flam./Trop.	$3,190,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	36 106.0
Rawhide Channel (remaining system)	Duck/Blue Dia.	$2,790,000	4 20.0	4 18.0	5 20.0	3 10.5	4 12.0	2 5.0	5 10.0	5 7.5	1 1.0	3 1.5	36 105.5
Flamingo Wash (Tropicana Wash to Decatur Blvd)	Flam./Trop.	$4,990,000	4 20.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	5 10.0	3 4.5	2 2.0	3 1.5	34 101.5
Flamingo Wash (McLeod to Tropicana Wash)	Flam./Trop.	$2,490,000	4 20.0	4 18.0	4 16.0	3 10.5	4 12.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0	31 95.0
Upper Blue Diamond Det. Basin (incl. ROW)	Flam./Trop.	$14,610,000	3 15.0	4 18.0	3 12.0	2 7.0	2 6.0	2 5.0	5 10.0	5 7.5	2 2.0	3 1.5	31 84.0
Buffalo/Desert Inn SD, Rainbow SD Desert Inn Detention Basin	Flam./Trop.	$5,630,000	3 15.0	3 13.5	4 16.0	3 10.5	3 9.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0	28 82.5
Buffalo Conveyance, Desert Inn Drain, (excludes Lakes Detention Basin)	Flam./Trop.	$5,700,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	2 5.0	5 10.0	5 7.5	1 1.0	3 1.5	29 78.5
Duck Creek (Mountain Vista to UPRR)	Duck/Blue Dia.	$6,180,000	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	1 2.5	3 6.0	3 4.5	2 2.0	2 1.0	25 72.0
Duck Creek (UPRR to Lower Duck Creek Det. Basin)	Duck/Blue Dia.	$5,500,000	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	1 2.5	3 6.0	3 4.5	2 2.0	2 1.0	25 72.0
Desert Inn Detention (ROW acq.)	Flam./Trop.	$650,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0	25 72.0
Central Duck Creek Detention Basin (ROW acq.)	Duck/Blue Dia.	$170,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
Upper Duck Creek Detention Basin (ROW acq.)	Duck/Blue Dia.	$540,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
South Duck Creek Detention Basin (ROW acq.)	Duck/Blue Dia.	$160,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
Lower Blue Diamond Detention Basin (ROW acq.)	Duck/Blue Dia.	$150,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
Lakes Detention Basin (incl. ROW)	Flam./Trop.	$1,010,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	3 6.0	3 4.5	2 2.0	2 1.0	24 69.5
Duck Creek (Boulder Hwy to US 595)	Duck/Blue Dia.	$4,610,000	2 10.0	2 9.0	2 8.0	2 7.0	3 9.0	1 2.5	2 4.0	2 3.0	2 2.0	3 1.5	21 56.0
Duck Creek (Lower Duck Cr Det. Basin to I-15)	Duck/Blue Dia.	$6,360,000	2 10.0	2 9.0	2 8.0	2 7.0	2 6.0	1 2.5	2 4.0	2 3.0	2 2.0	1 0.5	18 52.0
Total		$385,549,500											

Notes:

Pop. - Population Affected
Land - Assessed Land Value Impacted
Public - Public Perception of Need

Access - Emergency Access & Public Inconvenience
Avoid. - Cost Avoidance
Funding - Availability of Other Funding Sources

Relation. - Interrelationship to Other Projects
Implem. - Timing & Implementation
Environ. - Environmental Enhancement

Mainten. - Annual Maintenance Cost
val (no.) - Value from 1 to 5 and factor applied to value

3/6/95

TARGET

12 equal installments per year
actual set aside and payments

Transfer Date	Transfer Amount	Reserve	Projected CCPW ILC	Projected Req'd Non Cash	Projected Addn'l Cash	Projected Total	Actual Payments CCPW ILC	Actual Payments Escrow	Actual Payments Total	Projected FY Total	FY
2/1/94	539,500	539,500				0			0		
3/1/94	539,500	1,079,000				0			0		
4/1/94	603,214	1,682,214				0			0		
5/1/94	603,214	2,285,428				0			0		
6/1/94	603,214	2,788,642				0	100,000		100,000	2,888,642	93-94
7/1/94	603,214	3,391,856				0			0		
8/1/94	603,214	3,995,070				0			0		
9/1/94	603,214	4,598,284				0			0		
10/1/94	603,214	5,201,498	1,000,000	1,325,000		2,325,000			0		
11/1/94	466,959	5,668,457				0			0		
12/1/94	466,959	6,135,416				0			0		
1/1/95	466,959	4,602,375				0	2,000,000		2,000,000		
2/1/95	466,959	3,744,334				0		1,325,000	1,325,000		
3/1/95	613,583	4,357,917				0			0		
4/1/95	613,583	4,971,500				0			0		
5/1/95	613,583	5,585,083				0			0		
6/1/95	613,583	6,198,666				0			0	6,735,024	94-95
7/1/95	613,583	6,812,249				0			0		
8/1/95	613,583	7,425,832				0			0		
9/1/95	613,583	8,039,415				0			0		
10/1/95	613,585	8,653,000	8,210,000	443,000		8,653,000		6,500,000	0	7,000,000	
11/1/95	318,500	8,971,500				0			0		
12/1/95	318,500	9,290,000		2,665,500		0			0		
1/1/96	318,500	9,608,500				0			0		
2/1/96	318,500	9,927,000				0			0		
3/1/96	318,500	10,245,500				0			0		
4/1/96	318,500	10,564,000				0			0		
5/1/96	318,500	10,882,500				0			0		
6/1/96	318,500	11,201,000		5,002,334 SET ASIDE IN 95/96 FOR 96/97 1,911,000		0			0	5,002,334	95-96
7/1/96	318,500	11,519,500				0			0		
8/1/96	318,500	11,838,000				0			0		
9/1/96	318,500	12,156,500				0			0		
10/1/96	318,500	12,475,000	2,700,000	1,122,000		3,822,000			0		
11/1/96	632,750	13,107,750				0			0		
12/1/96	632,750	13,740,500				0			0		
1/1/97	632,750	14,373,250				0			0		
2/1/97	632,750	15,006,000				0			0		
3/1/97	632,750	15,638,750				0			0		
4/1/97	632,750	16,271,500				0			0		
5/1/97	632,750	16,904,250				0			0		
6/1/97	632,750	17,537,000				0			0	6,336,000	96-97
7/1/97	632,750	18,169,750				0			0		
8/1/97	632,750	18,802,500				0			0		
9/1/97	632,750	19,435,250				0			0		
10/1/97	632,750	20,068,000	2,459,000	2,191,000	2,943,000	7,593,000			0		
11/1/97	578,333	20,646,333				0			0		
12/1/97	578,333	21,224,667				0			0		
1/1/98	578,333	21,803,000				0			0		
2/1/98	578,333	22,381,333				0			0		
3/1/98	578,333	22,959,667				0			0		
4/1/98	578,333	23,538,000				0			0		
5/1/98	578,333	24,116,333				0			0		
6/1/98	578,333	24,694,667				0			0	7,157,667	97-98
7/1/98	578,333	25,273,000				0			0		
8/1/98	578,333	25,851,333				0			0		
9/1/98	578,333	26,429,667				0			0		
10/1/98	578,333	27,008,000	522,000	1,819,000	4,599,000	6,940,000			0		
11/1/98	768,417	27,776,417				0			0		
12/1/98	768,417	28,544,833				0			0		
1/1/99	768,417	29,313,250				0			0		
2/1/99	768,417	30,081,667				0			0		
3/1/99	768,417	30,850,083				0			0		
4/1/99	768,417	31,618,500				0			0		
5/1/99	768,417	32,386,917				0			0		
6/1/99	768,417	33,155,333				0			0	8,460,667	98-99
7/1/99	768,417	33,923,750				0			0		
8/1/99	768,417	34,692,167				0			0		
9/1/99	768,417	35,460,583				0			0		

10/1/99	768,417	36,229,000	109,000	2,582,000	6,530,000	9,221,000			0		
11/1/99	409,417	36,638,417				0			0		
12/1/99	409,417	37,047,833				0			0		
1/1/00	409,417	37,457,250				0			0		
2/1/00	409,417	37,866,667				0			0		
3/1/00	409,417	38,276,083				0			0		
4/1/00	409,417	38,685,500				0			0		
5/1/00	409,417	39,094,917				0			0		
6/1/00	409,417	39,504,333				0			0		
7/1/00	409,417	39,913,750				0			0	6,349,000	99-00
8/1/00	409,417	40,323,167				0			0		
9/1/00	409,417	40,732,583				0			0		
10/1/00	409,417	41,142,000	0	1,392,000	3,521,000	4,913,000			0	1,637,667	00-01
						0			0		
						0			0		
Totals			15,000,000	10,874,000	17,593,000	43,467,000	2,100,000	1,325,000	3,425,000	44,567,000	

Cash

escrow

TABLE 2: DATA FOR GRAPH OF FED VS. NON-FED FUNDING BY FISCAL YER

FY	TOTAL PROJECT COST	(A) NON-FED LERRDS	(B) SCHEDULE CONSTRUC COST	(C) FY %	(D) REQ'D 5% NON-FED CASH	COMPUTE ADD'NL NON-FED CASH	NON-FED CREDIT BALANCE	ACTUAL ADDN'L NON-FED CASH	REQ'D FEDERAL CASH
THRU-94	$19,665	$0	$0	N\A	N\A	N\A	$9,906	N/A	$9,759
95	$5,892	$1,000	$4,892	12.19%	$1,325	$3,351	$6,555	$0	$3,567
96	$17,410	$9,210	$8,200	4.07%	$443	$1,119	$5,435	$0	$7,757
97	$23,494	$2,700	$20,794	10.32%	$1,122	$2,838	$2,598	$0	$19,672
98	$43,059	$2,459	$40,600	20.15%	$2,191	$5,541	$0	$2,943	$35,465
99	$34,222	$522	$33,700	16.72%	$1,819	$4,599	$0	$4,599	$27,282
00	$47,959	$109	$47,850	23.75%	$2,582	$6,530	$0	$6,530	$38,737
01	$25,799	$0	$25,799	12.80%	$1,392	$3,521	$0	$3,521	$20,886
TOTAL	$217,500	$16,000	$201,500	100%	$10,875	$27,500	$0	$17,594	$163,125

NOTES:

1. TOTAL PROJECT COST INCLUDES SECTION 104 CREDIT OF $9,906
2. TOTAL NON-FEDERAL SHARE (25%) = $54,375

THIS INCLUDES LERRDS ($16,000) + 5% ($10,875) + SECT 104 CREDIT ($9,906) + ADD'TNL CASH ($17,594)

3. TOTAL FEDERAL SHARE (75%) = $181,600.

b

286

June 30, '95 ~~8 xxx~~ 2,826,855

+ EST
Rev for CIP
FY 95/96
Year 1 (9)

(9) include 2.8 million carryover from FY 94/95

Project Prioritization

Exhibit B

As Amended by the Board on August 13, 1992; November 12, 1992; December 10, 1992; August 11, 1993; July 14, 1994

file:n:\10year\fy95_96\prir9495.xls

Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
NORTH LAS VEGAS (Northern Las Vegas Valley) :													
Confluence Detention Basin (incl. ROW)	Range	$7,720,000	5 25.0	5 22.5	5 20.0	5 17.5	4 12.0	1 2.5	4 8.0	5 7.5	2 2.0	4 2.0	40 119.0
Upper Las Vegas Wash Interception Berm/Channel	N. LV Wash	$3,310,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
Upper Las Vegas Wash Detention Basin	N. LV Wash	$10,120,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
North Las Vegas Detention Basin (Outlet modifications)	N. LV Wash	$30,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
West Range Wash Diversion Dike	Range	$5,530,000	5 25.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	34 105.5
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	4 20.0	4 18.0	3 12.0	4 14.0	4 12.0	3 7.5	4 8.0	4 6.0	2 2.0	3 1.5	35 101.0
Kyle Canyon Detention Basin (incl. ROW)	N. LV Wash	$11,300,000	4 20.0	4 18.0	4 16.0	3 10.5	4 12.0	1 2.5	4 8.0	4 6.0	2 2.0	2 1.0	32 96.0
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	4 10.0	4 8.0	4 6.0	2 2.0	3 1.5	97.0
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	3 1.5	33 93.0
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	3 1.5	33 93.0
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	3 15.0	3 13.5	4 16.0	4 14.0	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	2 1.0	32 90.5
West Tributary Channel (Las Vegas Blvd - UPRR)	Range	$4,270,000	3 15.0	3 13.5	4 16.0	4 14.0	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	2 1.0	32 90.5
A Channel (Las Vegas Blvd - Camino AL Norte)	N. LV Wash	$8,360,000	3 15.0	3 13.5	3 12.0	3 10.5	4 12.0	4 10.0	3 6.0	3 4.5	2 2.0	3 1.5	31 87.0
New Channel Reaches (Flamingo Rd - Pecos Rd)	Low. LV Wash	$7,780,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	1 2.0	1 1.5	1 1.0	3 1.5	20 62.0
Western Trib. (Camino Al Norte - Ann Rd)	N. LV Wash	$4,740,000	2 10.0	2 9.0	2 8.0	2 7.0	2 6.0	2 5.0	3 6.0	3 4.5	3 3.0	3 1.5	24 60.0
East Tributary Detention Basin (ROW acq.)	Range	$160,000	2 10.0	3 13.5	2 8.0	2 7.0	2 6.0	1 2.5	2 4.0	3 4.5	1 1.0	2 1.0	20 57.5
Western Trib. (Ann Rd - Centennial Rd)	N. LV Wash	$5,180,000	2 10.0	2 9.0	2 8.0	2 7.0	2 6.0	2 5.0	2 4.0	2 3.0	3 3.0	3 1.5	22 56.5
Upgrade Existing Channel Reaches (Flamingo Rd - Pecos Rd)	Low. LV Wash	$4,660,000	2 10.0	2 9.0	1 4.0	1 3.5	1 3.0	1 2.5	1 2.0	1 1.5	1 1.0	3 1.5	14 38.0

Project Prioritization

Exhibit B

As Amended by the Board on August 13, 1992; November 12, 1992; December 10, 1992; August 11, 1993; July 14, 1994

file:n:\10year\fy95_96\prir9495.xls

Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
CLARK COUNTY (Southwest Las Vegas Valley) :													
Lower Duck Creek Detention Basin (incl. ROW)	Duck/Blue Dia.	$6,540,000	5 25.0	5 22.5	5 20.0	4 14.0	4 12.0	2 5.0	5 10.0	3 4.5	2 2.0	4 2.0	39 117.0
Van Buskirk Outfall (Flamingo Wash - Flamingo Rd)	Flam./Trop.	$3,050,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	2 5.0	5 10.0	5 7.5	2 2.0	3 1.5	38 109.5
Van Buskirk Channel Upgrades Detention Basin C	Flam./Trop.	$3,060,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	2 5.0	5 10.0	5 7.5	1 1.0	3 1.5	37 108.5
Van Buskirk - Twain, McLeod, Viking, and Tompkins Systems	Flam./Trop. •	$5,460,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	2 5.0	5 10.0	4 6.0	1 1.0	3 1.5	36 107.0
Tropicana Detention Basin (incl. ROW)	Flam./Trop.	$7,600,000	4 20.0	4 18.0	5 20.0	3 10.5	4 12.0	3 7.5	5 10.0	3 4.5	2 2.0	3 1.5	36 106.0
Van Buskirk Detention Basin (ROW acq.)	Flam./Trop.	$3,190,000	4 20.0	4 18.0	5 20.0	3 10.5	5 15.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	36 106.0
Rawhide Channel (remaining system)	Duck/Blue Dia.	$2,790,000	4 20.0	4 18.0	5 20.0	3 10.5	4 12.0	2 5.0	5 10.0	5 7.5	1 1.0	3 1.5	36 105.5
Flamingo Wash (Tropicana Wash to Decatur Blvd)	Flam./Trop.	$4,990,000	4 20.0	5 22.5	4 16.0	3 10.5	4 12.0	1 2.5	5 10.0	3 4.5	2 2.0	3 1.5	34 101.5
Flamingo Wash (McLeod to Tropicana Wash)	Flam./Trop.	$2,490,000	4 20.0	4 18.0	4 16.0	3 10.5	4 12.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0	31 95.0
Upper Blue Diamond Det. Basin (incl. ROW)	Flam./Trop.	$14,610,000	3 15.0	4 18.0	3 12.0	2 7.0	2 6.0	2 5.0	5 10.0	5 7.5	2 2.0	3 1.5	31 84.0
Buffalo/Desert Inn SD, Rainbow SD Desert Inn Detention Basin	Flam./Trop.	$5,630,000	3 15.0	3 13.5	4 16.0	3 10.5	3 9.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0	28 82.5
Buffalo Conveyance, Desert Inn Drain, (excludes Lakes Detention Basin)	Flam./Trop.	$5,700,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	2 5.0	5 10.0	5 7.5	1 1.0	3 1.5	29 78.5
Duck Creek (Mountain Vista to UPRR)	Duck/Blue Dia.	$6,180,000	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	1 2.5	3 6.0	3 4.5	2 2.0	2 1.0	25 72.0
Duck Creek (UPRR to Lower Duck Creek Det. Basin)	Duck/Blue Dia.	$5,500,000	3 15.0	3 13.5	2 8.0	3 10.5	3 9.0	1 2.5	3 6.0	3 4.5	2 2.0	2 1.0	25 72.0
Desert Inn Detention (ROW acq.)	Flam./Trop.	$650,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	2 5.0	3 6.0	3 4.5	2 2.0	2 1.0	25 72.0
Central Duck Creek Detention Basin (ROW acq.)	Duck/Blue Dia.	$170,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
Upper Duck Creek Detention Basin (ROW acq.)	Duck/Blue Dia.	$540,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
South Duck Creek Detention Basin (ROW acq.)	Duck/Blue Dia.	$160,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
Lower Blue Diamond Detention Basin (ROW acq.)	Duck/Blue Dia.	$150,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	1 1.0	0 0.0	23 71.0
Lakes Detention Basin (incl. ROW)	Flam./Trop.	$1,010,000	3 15.0	3 13.5	3 12.0	2 7.0	2 6.0	1 2.5	3 6.0	3 4.5	2 2.0	2 1.0	24 69.5
Duck Creek (Boulder Hwy to US 595)	Duck/Blue Dia.	$4,610,000	2 10.0	2 9.0	2 8.0	2 7.0	3 9.0	1 2.5	2 4.0	2 3.0	2 2.0	3 1.5	21 56.0
Duck Creek (Lower Duck Cr Det. Basin to I-15)	Duck/Blue Dia.	$6,360,000	2 10.0	2 9.0	2 8.0	2 7.0	2 6.0	1 2.5	2 4.0	2 3.0	2 2.0	1 0.5	18 52.0
Total		$370,750,100											

Notes:
Pop. - Population Affected
Land - Assessed Land Value Impacted
Public - Public Perception of Need
Access - Emergency Access & Public Inconvenience
Avoid. - Cost Avoidance
Funding - Availability of Other Funding Sources
Relation. - Interrelationship to Other Projects
Implem. - Timing & Implementation
Environ. - Environmental Enhancement
Mainten. - Annual Maintenance Cost
val (no.) - Value from 1 to 5 and factor applied to value

Project Prioritization

Exhibit B

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file:n:\10year\fy95_96\prir9495.xls

Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
LAS VEGAS (Central Las Vegas Valley) :													
Carey Ave/Lake Mead Detention Basin	Central	$4,200,000	4 20.0	3 13.5	4 16.0	3 10.5	5 15.0	4 10.0	3 6.0	5 7.5	1 1.0	3 1.5	35 101.0
Oakey Detention Basin and Collection System	Central	$6,600,000	4 20.0	4 18.0	3 12.0	5 17.5	2 6.0	5 12.5	3 6.0	4 6.0	1 1.0	4 2.0	35 101.0
Oakey Detention Basin Outfall	Central	$3,890,000	4 20.0	4 18.0	3 12.0	5 17.5	2 6.0	5 12.5	3 6.0	4 6.0	1 1.0	4 2.0	35 101.0
Gowan Outfall Structure (Decatur - Tenaya Way)	Gowan	$4,530,000	4 20.0	4 18.0	5 20.0	4 14.0	2 6.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	34 100.5
Gowan Detention Basins	Gowan	$11,560,000	4 20.0	4 18.0	5 20.0	4 14.0	2 6.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	34 100.5
Angel Park Detention Basin Expansion	Gowan	$100,000	4 20.0	4 18.0	2 8.0	4 14.0	4 12.0	5 12.5	5 10.0	2 3.0	1 1.0	4 2.0	35 100.5
Cheyenne Channel	Gowan	$1,000,000	3 15.0	3 13.5	4 16.0	4 14.0	4 12.0	5 12.5	5 10.0	3 4.5	1 1.0	4 2.0	36 100.5
Peccole Ranch Outfalls (Rampart Storm Drain)	Gowan	$1,490,000	3 15.0	3 13.5	3 12.0	4 14.0	4 12.0	5 12.5	5 10.0	5 7.5	1 1.0	4 2.0	37 99.5
Washington Avenue Channel - Reach 1 (Las Vegas Wash - Honolulu)	Central	$7,740,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 2 (Honolulu - Mojave Rd)	Central	$5,750,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 3 (Mojave Rd - 24th St)	Central	$3,420,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Avenue Channel - Reach 4 (24th St - F St)	Central	$4,080,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0
Washington Ave Channel Parallel Drain to F St.	Central	$7,680,000	4 20.0	3 13.5	4 16.0	5 17.5	3 9.0	1 2.5	4 8.0	5 7.5	3 3.0	4 2.0	36 99.0

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Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
LAS VEGAS (Central Las Vegas Valley) (continued):													
Phase 1 Charleston Underpass Solution/Freeway Conveyance	Central	$9,380,000	5 25.0	3 13.5	5 20.0	5 17.5	2 6.0	2 5.0	2 4.0	3 4.5	1 1.0	4 2.0	32 98.5
Buffalo Channel (Vegas Dr - Charleston)	Gowan	$3,980,000	3 15.0	3 13.5	3 12.0	3 10.5	4 12.0	4 10.0	5 10.0	4 6.0	2 2.0	3 1.5	34 92.5
Gowan North Channel (Detention Basin - Lone Mountain)	Gowan	$4,960,000	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	5 10.0	2 3.0	1 1.0	4 2.0	30 87.5
Gowan North Channel (Lone Mountain - CAM-10 Detention Basin)	Gowan	$7,250,000	4 20.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	5 10.0	2 3.0	1 1.0	4 2.0	30 87.5
CAM-10 Detention Basin (West Centennial)	Gowan	$3,510,000	3 15.0	3 13.5	4 16.0	3 10.5	3 9.0	1 2.5	4 8.0	2 3.0	1 1.0	4 2.0	28 80.5
West Charleston Drain (Martin L. King - Rancho Dr.)	Central	$1,900,000	4 20.0	2 9.0	4 16.0	4 14.0	2 6.0	1 2.5	2 4.0	4 6.0	1 1.0	2 1.0	26 79.5
Freeway Channel North - Drain and Culvert (Washington W. of I-15)	Central	$3,000,000	3 15.0	3 13.5	3 12.0	3 10.5	2 6.0	1 2.5	5 10.0	4 6.0	1 1.0	2 1.0	27 77.5
I-15 Freeway Channel (Sahara Avenue to Charleston)	Gowan	$1,492,000	4 20.0	3 13.5	5 20.0	5 17.5	2 6.0	2 5.0	2 4.0	3 4.5	1 1.0	4 2.0	31 93.5
Meadows-Alta Phase V (Falcon Lane to Jones Boulevard)	Central	$954,800	3 15.0	3 13.5	4 16.0	5 17.5	5 15.0	1 2.5	5 10.0	5 7.5	1 1.0	3 1.5	35 99.5
Lone Mountain Detention Basin	Central	$5,000,000	3 15.0	4 18.0	4 16.0	5 17.5	5 15.0	5 12.5	4 8.0	4 6.0	2 2.0	3 1.5	39 111.5
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	3 15.0	2 9.0	4 16.0	5 17.5	3 9.0	2 5.0	5 10.0	4 6.0	1 1.0	3 1.5	32 90.0
Cheyenne Channel Crossings	Gowan	$1,620,000	4 20.0	4 18.0	3 12.0	5 17.5	4 12.0	4 10.0	5 10.0	5 7.5	1 1.0	4 2.0	39 110.0
Owens Avenue System	Central	$3,005,000	4 20.0	3 13.5	3 12.0	3 10.5	3 9.0	5 12.5	4 8.0	5 7.5	1 1.0	3 1.5	34 95.5

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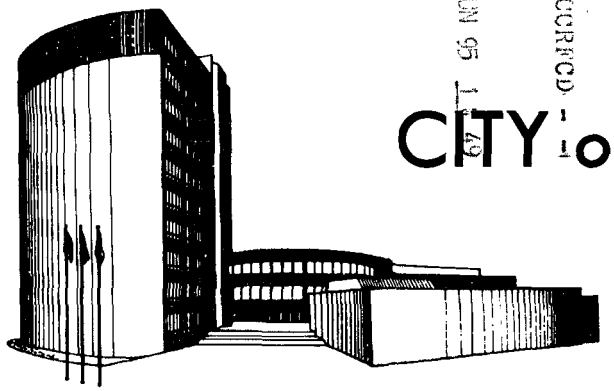
HENDERSON :													
UPRR Channel	Pittman	$3,086,000	5 25.0	5 22.5	5 20.0	3 10.5	5 15.0	2 5.0	4 8.0	5 7.5	4 4.0	4 2.0	42 119.5
Lower C-1 Channel (Lake Mead Dr. - Drake St.)	C-1 Ch.	$4,140,000	5 25.0	4 18.0	2 8.0	5 17.5	5 15.0	2 5.0	4 8.0	4 6.0	2 2.0	4 2.0	37 106.5
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	2 10.0	4 18.0	4 16.0	4 14.0	4 12.0	3 7.5	4 8.0	3 4.5	1 1.0	3 1.5	32 92.5
Mission Hills Detention Basin and Collection System (incl. ROW)	C-1 Ch.	$6,120,000	4 20.0	4 18.0	3 12.0	4 14.0	4 12.0	4 10.0	4 8.0	4 6.0	2 2.0	3 1.5	36 103.5
Southwest C-1 Detention Basin (ROW acq.)	C-1 Ch.	$15,000	3 15.0	4 18.0	4 16.0	3 10.5	4 12.0	3 7.5	4 7.0	3 4.5	2 2.0	1 0.5	31 93.0
Northeast C-1 Detention Basin (ROW acq.)	C-1 Ch.	$4,260,000	4 20.0	4 18.0	3 12.0	4 14.0	4 12.0	4 10.0	4 8.0	4 6.0	2 2.0	3 1.5	36 103.5
Equestrian Dr Detention Basin & Collection System (incl. ROW)	C-1 Ch.	$4,780,000	4 20.0	4 18.0	4 16.0	3 10.5	4 12.0	4 10.0	3 6.0	4 6.0	3 3.0	3 1.5	36 103.0
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	3 15.0	3 13.5	4 16.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	4 4.0	4 2.0	31 80.0
Pittman Park Detention Basin	Pittman	$565,000	2 10.0	3 13.5	3 12.0	4 14.0	3 9.0	4 10.0	5 10.0	5 7.5	3 3.0	3 1.5	35 90.5
Duck Creek Channel, Sunset to Newport Village	Duck Creek	$560,300	3 15.0	3 13.5	4 16.0	3 10.5	2 6.0	1 2.5	3 6.0	3 4.5	4 4.0	5 2.5	31 80.5
Pittman Wash (Duck Creek - Stephanie St)	Pittman	$4,390,000	1 5.0	5 22.5	3 12.0	5 17.5	2 6.0	4 10.0	5 10.0	4 6.0	2 2.0	2 1.0	33 92.0
Whitney Ranch Channel	Pittman	$1,092,000	3 15.0	4 18.0	4 16.0	1 3.5	3 9.0	3 7.5	3 6.0	3 4.5	3 3.0	2 1.0	29 83.5
Gibson Conveyance System	Pittman	$2,980,000	1 5.0	2 9.0	2 8.0	4 14.0	3 9.0	2 5.0	4 8.0	2 3.0	2 2.0	3 1.5	25 64.5
Cosmo World Detention Basin (incl. ROW)	Pittman	$9,660,000	1 5.0	3 13.5	1 4.0	4 14.0	3 9.0	2 5.0	4 8.0	2 3.0	2 2.0	1 0.5	23 64.0
East Detention Basin (incl. ROW)	C-1 Ch.	$1,630,000	2 10.0	3 13.5	3 12.0	4 14.0	3 9.0	1 2.5	2 3.0	4 6.0	3 3.0	3 1.5	28 74.5
Railroad East Conveyance	Pittman	$3,520,000	1 5.0	3 13.5	1 4.0	2 7.0	2 6.0	3 7.5	4 8.0	3 4.5	2 2.0	1 0.5	22 58.0
Equestrian Dr Detention Basin Outfall	C-1 Ch.	$5,070,000	1 5.0	3 13.5	1 4.0	2 7.0	2 6.0	2 5.0	4 8.0	2 3.0	2 2.0	1 0.5	20 54.0
Mac Donald Ranch Detention Basin (ROW acq.)	Pittman	$70,000	1 5.0	3 13.5	0 0.0	1 3.5	1 3.0	2 5.0	4 8.0	2 3.0	1 1.0	1 0.5	43 42.5
Pittman Pecos Detention Basin (ROW acq.)	Pittman	$120,000	1 5.0	2 9.0	1 4.0	1 3.5	1 3.0	1 2.5	4 8.0	2 3.0	1 1.0	1 0.5	40 39.5

95/96
10-YR PLAN
ENTITY
INPUT

MAYOR
JAN LAVERTY JONES

COUNCILMEN
ARNIE ADAMSEN
SCOTT HIGGINSON
FRANK HAWKINS JR.
KEN BRASS

CITY MANAGER
LARRY K. BARTON



CITY of LAS VEGAS

27 JUN 95 1 49 CORFCD

June 26, 1995

Kevin Eubanks, PE
Clark County Regional Flood Control District
301 E. Clark Avenue, Suite 301
Las Vegas, Nevada 89101

Dear Kevin:

SUBJECT : 1995/96 CLV 10-Year Priority List

At Clark County's request we have reviewed the 10-Year Priority List to accelerate the Colorado Avenue System. We have added $2,500,000 (or 25% of the increased funding amount) for predesign and construction of the Colorado Avenue Project that allows for the project to be accelerated one year. We have removed funding for Gowan North Channel Projects that corresponds to this amount. We do not believe it is reasonable for the City to accelerate this project beyond a time frame of the regional facilities along I-15.

Please note we have added MPU ID #'s for our projects on the attached computer disk for ease of referencing and would appreciate if they were included on the final form. We have also separated the Freeway Channel Bypass Facility from the Freeway Channel South consistent with the MPU descriptions and would prefer they both be presented separately on the priority list.

If you have any questions please call.

Sincerely,

Randy Fultz, PE
Flood Control Project Manager
Department of Public Works

cc: Charles Kajkowski, PE- CLV
Denis Cederburg, PE - Clark County Public Works

File: ...\randy\ccrfcd\10YR\KU-2-2

400 E. STEWART AVENUE • LAS VEGAS, NEVADA 89101-2986
(702) 229-6011 (VOICE) • (702) 386-9108 (TDD)

Exhibit 1

DRAFT

10-YEAR CONSTRUCTION PROGRAM

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.
LAS VEGAS (Central Las Vegas Valley) :		*File g:\home\randy\r3data\rfcd\priority\10-9596b.xls*										
Angel Park Detention Basin Expansion (APNO 0000)	Gowan	$1,785,000	100.5			1.785	Prioritized funding by Brd.Action 2/9/95. Funds acrue by 2/96.					
Washington Ave. Channel-Reach 4 (Eastern to Sagman - LVWH 0298)	Central	$6,111,500	98.5			3.8055	Prioritized for funding by Brd. action 3/30/95. Funds acrue by					
Upper 'Washington Ave. Channel & Spaghetti Bowl - (WAPR 0000 LVWH 0448, 0447, 0448, 0374)	Central	$5,931,000	98.5		0.320		0.190			2.038		0.676
Freeway Conveyance South LV Cr. to Charleston (FW15 0000,0038)	Central	$9,594,000	98.5									
Oakey Drain - I15 to Valley View (FWOK 0000, 0044)	Central	$3,272,000	91. 5	Constructed with sewer and RTC	0.110		0.290	2.190		0.682	(2)	
Freeway Channel Bypass Facility (Oakey to Wall Street - FWUP 0000,0059)	Central	$3,060,000	93.5									
Freeway Channel South Charleston to Oakey - FW15 0089)	Central	$5,874,000	93.5	Sahara to Ivanhoe Constructed with NDOT								
Owens Avenue System (Rancho to I-15 - LVOW 0000)	Central	$3,126,000	95.5	Funded with RTC			0.200			2.926		
Gowan North Channel - North Basin to Lone Mnt Rd.-GONO 0046)	Gowan	$6,070,000	87.5	Predesign funded	0.300			0.728			0.400	
Gowan North Channel - Lone Mtn. Rd. to CAM-10 Det. Basin	Gowan	$0	87.5	Predesign funded								
Lone Mountain System Outfall to Durango (GOLM 0000)	Gowan	$1,187,000	87.5						0.200			0.987
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5	Funded with RTC	0.070			0.700				
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$5,400,000	90.0									
Totals per Fiscal Year (x $1,000,000)						6.391		4.298		5.846		2.063
Budget Amount Total 10-Yr			$51.856			5.590		4.675		3.407		2.745
Las Vegas 10-Year Program Total :		**$52,180,500**										

(1) Assumes 50/50 cost split with NDOT.

(2) Assume 50/50 cost split with RTC.

Date 6/27/95 Time 7:27 AM

- CORRECTED -

27 JAN 95 13 49

Exhibit 1

DRAFT

10-YEAR CONSTRUCTION PROGRAM

Facility Description	Planning Area	Project Cost	Priority Value	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
LAS VEGAS (Central Las Vegas Valley) :		*File g:\home\randy\r3data\rfcd\prio*													
Angel Park Detention Basin Expansion (APNO 0000)	Gowan	$1,785,000	100.5												
Washington Ave. Channel-Reach 4 (Eastern to Sagman - LVWH 0298)	Central	$6,111,500	98.5	/96	2.306										
Upper 'Washington Ave. Channel & Spaghetti Bowl - (WAPR 0000 LVWH 0448, 0447, 0448, 0374)	Central	$5,931,000	98.5				2.707								
Freeway Conveyance South LV Cr. to Charleston (FW15 0000,0038)	Central	$9,594,000	98.5			0.500	2.000		2.000		5.094				
Oakey Drain - I15 to Valley View (FWOK 0000, 0044)	Central	$3,272,000	91. 5												
Freeway Channel Bypass Facility (Oakey to Wall Street - FWUP 0000,0059)	Central	$3,060,000	93.5							0.420			2.64		
Freeway Channel South Charleston to Oakey - FW15 0089)	Central	$5,874,000	93.5									0.500	2.687		2.687
Owens Avenue System (Rancho to I-15 - LVOW 0000)	Central	$3,126,000	95.5												
Gowan North Channel - North Basin to Lone Mnt Rd.-GONO 0046)	Gowan	$6,070,000	87.5		1.906				1.673		1.063				
Gowan North Channel - Lone Mtn. Rd. to CAM-10 Det. Basin	Gowan	$0	87.5												
Lone Mountain System Outfall to Durango (GOLM 0000)	Gowan	$1,187,000	87.5												
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5												
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$5,400,000	90.0	0.500							0.900		2.000		2.000
Totals per Fiscal Year (x $1,000,000)					4.712		5.207		3.673		7.477		7.827		4.687
Budget Amount Total 10-Yr			$51.856		4.119		6.526		5.871		7.047		7.145		4.731
Las Vegas 10-Year Program Total :		**$52,180,500**													

(1) Assumes 50/50 cost split with NDOT.

(2) Assume 50/50 cost split with RTC.

Date 6/27/95 Time 7:27 AM

- -CORFCD - -

97 JUN 95 13 49

Clark County

Department of Public Works

M. J. MANNING
DIRECTOR

6655 WEST SAHARA AVENUE
BUILDING C-204
LAS VEGAS, NEVADA 89102
(702) 455-7760
FAX: (702) 455-7764

Progress As Promised

June 15, 1995

URBAN C. LIVENGOOD, JR.
Deputy Director
455-7755

NALLIAH T. RAJAH
Manager
Administration & Programs
455-7780

DENIS CEDERBURG
Manager
Design Engineering
455-7788

LESLIE R. HENLEY
Manager
Construction Management
455-7788

BRETT N. LANE
County Surveyor
455-7726

RICHARD T. ROMER
Manager
Traffic Management
455-7790

OTHER OFFICES

JOHN N. MURDOCH
Manager
Maintenance Management
5825 East Flamingo Road
Las Vegas, Nevada 89122
455-7540

CHARLES R. JENNER
Manager
Environmental Control
4800 West Dewey Drive
Las Vegas, Nevada 89118
455-7712

CARLA J. PEARSON
Manager
Community Development
401 South Fourth Street, 2nd Floor
P. O. Box 554130
Las Vegas, Nevada 89155-4130
455-4600

Gale Wm. Fraser, III
Chief Engineer, General Manager
Clark County Regional Flood Control District
301 East Clark, Suite 301
Las Vegas, NV 89101

TEN YEAR CONSTRUCTION PROGRAM

Dear Mr. Fraser:

I am writing to submit the attached 1995/96 Ten Year Construction Program for unincorporated Clark County. Since the Regional Flood Control District has projected revenues which are greater than those used in the 94/95 Ten Year Construction Program, Clark County has moved forward projects that are on the current construction program, as well as included new projects which were previously prioritized.

In addition to changes to the construction programs for the southwest and outlying planning areas which are wholly within unincorporated Clark County, Public Works has proposed changes to the Central Las Vegas Valley and Northern Las Vegas Valley planning areas which are partially located in both incorporated and unincorporated portions of Clark County.

If you have any questions, please call Denis Cederburg at 455-6064.

Best regards,

M. J. Manning

M. J. Manning
Director of Public Works

MJM:DLC:mcc

Enclosures

cc: Richard Goeke, City of Las Vegas
Jim Bell, City of North Las Vegas
Urb Livengood
Ron Norris

COMMISSIONERS
Yvonne Atkinson Gates, Chair • Paul J. Christensen, Vice-Chairman
Jay Bingham, Lorraine Hunt, Erin Kenny, Myrna Williams, Bruce L. Woodbury
Donald L. "Pat" Shalmy, County Manager

dlc\tenycar.gwf

mailed to City
of North Las Vegas
in error.

PROPOSED CHANGES AND ADDITIONS TO REGIONAL FLOOD CONTROL DISTRICT TEN YEAR CONSTRUCTION PROGRAM UNINCORPORATED CLARK

SOUTHWEST LAS VEGAS VALLEY

Year 7 - 2001 to 2002, add:

1. Lower Duck Creek Detention Basin
   - Design / Right-of-way $894,000
   - Construction $5,000,000

Year 8 - 2002 to 2003, add:

1. Lower Duck Creek Detention Basin
   - Construction $2,422,000
2. Flamingo Wash (Tropicana Wash to Decatur Boulevard)
   - Design / Right-of-way $500,000
   - Construction $1,482,000

Year 9 - 2003 to 2004, add:

1. Flamingo Wash (Tropicana Wash to Decatur Boulevard)
   - Construction $3,008,000
2. Flamingo Wash (McLeod Drive to Tropicana Wash)
   - Design / Right-of-way $306,000
   - Construction $200,000

Year 10 - 2004 to 2005, add:

1. Flamingo Wash (McLeod Drive to Tropicana Wash)
   - Construction $184,000
2. Buffalo Drive to Desert Inn Drain; Rainbow Drain; Desert Inn Detention Basin
   - Design / Right-of-way $472,000
   - Construction $3,000,000

CLARK COUNTY OUTLYING

Year 2 - 1996 to 1997, add:

1. Hiko Springs Detention Basin Outfall (Project Cost $3,000,000)
   - Design / Right-of-way $250,000
   - Construction $1,891,000

Year 3 - 1997 to 1998, add:

1. Hiko Springs Detention Basin Outfall
   - Construction $859,000
2. Muddy River (Project Cost $8,259,000)
   - Construction $4,172,000

Year 4 - 1998 to 1999, change to:

1. Muddy River
   - Construction $2,435,000
2. Overton Wash / Railroad Channel (Project Cost $15,350,000)
   - Design / Right-of-way $1,500,000

CLARK COUNTY OUTLYING (continued)

Year 5 - 1999 to 2000, change to:

1. Blue Diamond (Project Cost $250,000)
   - Design / Right-of-way $38,000
   - Construction $212,000
2. Bridge Canyon - Floodway/Outfall
   - Design / Right-of-way $576,000
   - Construction $3,020,000

Year 6 - 2000 to 2001, change to:

1. Bridge Canyon Floodway / Outfall
   - Construction $3,951,000
2. Indian Spring
   - Design / Right-of-way $100,000

Year 7 - 2001 to 2002, change to:

1. Overton Wash / Railroad Channel
   - Construction $919,000
2. Bridge Canyon - Floodway / Outfall
   - Construction $1,723,000
3. Indian Springs
   - Construction $495,000

Year 8 - 2002 to 2003, change to:

1. Bunkerville
   - Construction $406,000
2. Overton Wash / Railroad Channel
   - Construction $2,680,000

Year 9 - 2003 to 2004, change to:

1. Bunkerville
   - Construction $2,998,000

Year 10 - 2004 to 2005, change to:

1. Bunkerville
   - Construction $1,963,000

NORTHERN LAS VEGAS VALLEY

Year 5 - 1999 to 2000, add:

1. Sloan Channel, Las Vegas Wash to Confluence Basin
   - Construction $1,220,000

Year 6 - 2000 to 2001, add:

1. Sloan Channel, Las Vegas Wash to Confluence Basin
   - Construction $2,915,000

Year 7 - 2001 to 2002, add:

1. Sloan Channel, Las Vegas Wash to Confluence Basin
   - Construction $815,000

NORTHERN LAS VEGAS VALLEY (continued)

Year 7 - 2001 to 2002, change:

1. Sunrise Mountain Detention Basin
   Design / Right-of-way $940,000

Year 8 - 2002 to 2003, add:

1. Sunrise Mountain Detention Basin
   Construction $3,890,000

Year 9 - 2003 to 2004, add:

1. Sunrise Mountain Detention Basin
   Construction $3,997,000

Year 10 - 2004 to 2005, add:

1. Sunrise Mountain Detention Basin
   Construction $3,997,000

CENTRAL LAS VEGAS VALLEY

Year 4 - 1998 to 1999, add:

1. Colorado Avenue System (Las Vegas Wash to I-15)
   Design / Right-of-way $900,000

Year 6 - 2000 to 2001, add:

1. Colorado Avenue System
   Construction $600,000

Year 7 - 2001 to 2002, add:

1. Colorado Avenue System
   Construction $2,174,000

Year 8 - 2002 to 2003, add:

1. Colorado Avenue System
   Construction $2,000,000

Year 10 - 2004 to 2005, add:

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   Construction $1,500,000

KEVIN

Clark County

Department of Public Works

M. J. MANNING
DIRECTOR

6655 WEST SAHARA AVENUE
BUILDING C-204
LAS VEGAS, NEVADA 89102
[702] 455-7760
FAX: [702] 455-7764

Progress As Promised

- -CORPCD - -

June 15, 1995

URBAN C. LIVENGOOD, JR.
Deputy Director
455-7755

15 JUN 95 10: 09

NALLIAH T. RAJAH
Manager
Administration & Programs
455-7780

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Ron Norris

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dlc\tenyear.gwf

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   - Construction $815,000

4,950,000

NORTHERN LAS VEGAS VALLEY (continued)

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Year 7 - 2001 to 2002, add:

1. Colorado Avenue System
   Construction $2,174,000

Year 8 - 2002 to 2003, add:

1. Colorado Avenue System
   Construction $2,000,000

Year 10 - 2004 to 2005, add:

1. Colorado Avenue System
   Construction $1,500,000

7,174,000

May 5, 1995

Mr. Kevin Eubanks
Clark County Regional Flood Control District
301 E. Clark, Suite 301
Las Vegas, Nevada 89119

Re: City of Henderson 10-year Plan Update

Dear Kevin:

Attached is the proposed 10-year construction plan update for the City of Henderson. We have tried to meet the funding targets supplied in Exhibit 4 of the last TAC agenda. Also attached is a copy of the project rankings. The rankings have not been changed since last year.

Please let me know if you need any additional information.

Sincerely,

Curt Chandler, P.E.
Land Development Manager

cc: Mark Calhoun
Saeed Ahmad

CITY HALL ◦ 240 WATER STREET ◦ HENDERSON, NV ◦ 89015
702-565-2323

FACILITY DESCRIPTION	BASIN	SCORE	PLANNING COST	CUMULATIVE COST	
C-1 CHANNEL LOWER REACH	C-1	106.5		$24,189,594	(Constructed Facilities)
MISSION HILLS DETENTION BASIN/COLLECTION	C-1	103.5		$24,189,594	
EQUESTRIAN DETENTION BASIN/COLLECTION	C-1	103	$4,780,000	$28,969,594	
WESTERN INTERCEPTOR	C-1	93.5	$6,120,000	$35,089,594	
SOUTHWEST DETENTION BASIN (BLACK MTN)	C-1	93	$3,350,000	$38,439,594	
SUNSET DETENTION BASIN AND OUTFLOW	PIT	92.5	$6,420,000	$44,859,594	
PITTMAN PARK DETENTION BASIN	PIT	90.5	$5,850,000	$50,709,594	
DUCK CREEK CHANNEL	DUCK	80.5	$561,300	$51,270,894	
C-1 CHANNEL MIDDLE REACH	C-1	80	$5,230,000	$56,500,894	
EAST DETENTION BASIN	C-1	74.5	$1,628,000	$58,128,894	
NORTHEAST/EAST LEVEE AND OUTFALL	C-1	72.2	$1,830,000	$59,958,894	
WHITNEY RANCH CHANNEL	PIT	67.2	$1,091,600	$61,050,494	
PITTMAN PECOS DETENTION BASIN	PIT	66.7	$3,468,000	$64,518,494	
NORTHEAST DETENTION BASIN	C-1	66	$6,520,000	$71,038,494	
GIBSON CONVEYANCE SYSTEM	PIT	63		$71,038,494	
EQUESTRIAN DETENTION BASIN OUTFALL	C-1	54		$71,038,494	
COSMO WORLD DETENTION BASIN	PIT	54		$71,038,494	
RAILROAD EAST CONVEYANCE/DETENTION	PIT	53.5		$71,038,494	
MCDONALD RANCH DETENTION BASIN	PIT	51.5		$71,038,494	
PITTMAN-MCDONALD RANCH CHANNEL	PIT	40.9		$71,038,494	

- -CONFCD - -

11 MAY 95 18 15

CITY OF HENDERSON 1995 10-YR PROGRAM

				FY 95/96 Year 1		FY 96/97 Year 2		FY 97/98 Year 3		FY 98/99 Year 4		FY 99/00 Year 5		FY 00/01 Year 6		FY 01/02 Year 7		FY 02/03 Year 8		FY 03/04 Year 9		FY 04/05 Year 10	
Facility Description	Planning Area	Project Cost	Priority Value	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const
Equestrian Det Basin	C-1	$4,780,000	103		5.8																		
Western Diversion	C-1	$6,120,000	93.5	103.5			5.458																
Southwest (Blk Mtn) Basin	C-1	$3,350,000	93					0.335	3.015														
Sunset Basin and Outflow	Pittman	$6,420,000	92.5							0.642			5.778										
Pittman Park Det Basin	Pittman	$5,850,000	90.5							0.057	0.513												
Duck Creek Channel	Duck	$561,300	80.5											0.056	0.504								
C-1 Channel Middle Reach	C-1	$5,230,000	80.							0.523			4.707										
East Detention Basin	C-1	$1,628,000	74.5									0.244			1.384								
Northeast Levee/Outfall	C-1	$1,830,000	72.2	NONE												0.275	1.56						
Whitney Ranch Channel	Pittman	$1,091,600	67.5	83.5												0.164	0.928						
Pittman/Pecos Basin	Pittman	$3,468,000	66.7	39.5											2.948								
Northeast Basin	C-1	$6,722,000	66	103.5												0.978			5.542				
Gibson Channel	Pittman	$3,241,000	65	64.5														0.486			2.755		
Equestrian Basin Outflow	C-1	$5,065,000	54																	0.76			4.305
Total		$55,356,900		5.808	5.80	5.458	5.46		3.35	1.735	1.74	10.729	10.73	4.892	4.89	3.905	3.91	10.028	6.03	3.515	3.52	4.305	4.31
Cumulative Total					5.8		11.3		14.6		16.3		27.1		32.0		35.9		41.9		45.4		49.7

CCRFCD Target	5.800	5.458	3.171	5.124	5.368	6.021	4.801	4.936	4.844	3.182
Amount Over/Under	0.00	0.00	0.18	-3.39	5.36	-1.13	-0.90	1.09	-1.33	1.12

Variance from CCRFCD Target 1.012

- -CORRECD - -

11 MAY 95 1: 16

14 JUN 95 12:07
I - CCRFCD - 1

June 13, 1995

Mr. Kevin Eubanks
Clark County Regional Flood Control District
301 E. Clark, Suite 301
Las Vegas, Nevada 89101

Re: City of Henderson Proposed Ten -Year Construction Program

Dear Kevin:

Attached is a revised spreadsheet showing the proposed City of Henderson Ten-Year Construction Program. This spreadsheet separates the East Detention Basin, the Northeast Levee, and the Northeast Detention Basin and Outfall. It has been corrected to place the construction of the East/Northeast Levee ahead of the construction of the Northeast Detention Basin.

I have included revised ranking forms for the projects listed on the spreadsheet. The changes since the last ranking sheet submitted are shaded on the revised sheets. As you know, some of the scores submitted did not agree with the scores previously approved by the Board. I have attempted to explain the reason for the change in ranking in each case, and would ask for Board approval of the new rankings. Please note that the Northeast/East Levee was not previously ranked separately, so we would also like to obtain approval of that ranking.

The scores have been modified to contain only whole numbers. This has resulted in a small change to the score in a few cases.

BLACK MOUNTAIN DETENTION BASIN. This project has been changed from acquisition of right-of-way to also include design and construction, however the score has not been changed.

PITTMAN/PECOS DETENTION BASIN. This project has been changed from right-of-way acquisition only to also include construction. The design of this basin is 90 percent completed. It was designed by ESI under contract with the developers of the area. Note also, that the cost estimate appearing in the spreadsheet reflects the cost estimate by ESI rather than the cost estimate found in the Master Plan. The score for this project has been changed from 66.7 to 83 due to the tremendous increase in population downstream.

EAST DETENTION BASIN. The score on this project has increased from 74.5 to 87.5 due to the recent increase in population downstream.

CITY HALL ○ 240 WATER STREET ○ HENDERSON, NV ○ 89015
702-565-2323

NORTHEAST/EAST LEVEE. The score for this project has increased in the process of converting to whole numbers.

NORTHEAST BASIN AND OUTFALL SYSTEM. This project score was increased because it is necessary to construct the Northeast Detention Basin prior to construction of the Northeast/East Levee.

EQUESTRIAN DETENTION BASIN OUTFALL. The score for this project was increased from 54 to 66 because of the increase in population in the area. In addition, as development occurs in the area developers are forced to construct costly facilities to carry flows in their natural watercourses which will not be needed after the outfall system is constructed.

GIBSON CHANNEL. The score for this project is due to the change to whole numbers.

WHITNEY RANCH CHANNEL. The score on this project was reduced from 83.5 to 55.5 because expected development in the area did not occur and because the channel is not a required part of the flood control system.

Please let me know if you have any questions concerning these modifications.

Sincerely,

Curt Chandler, P.E.
Land Development Manager

/jn

CITY OF HENDERSON 1995 10-YR PROGRAM

				FY 95/96 Year 1		FY 96/97 Year 2		FY 97/98 Year 3		FY 98/99 Year 4		FY 99/00 Year 5		FY 00/01 Year 6		FY 01/02 Year 7		FY 02/03 Year 8		FY 03/04 Year 9		FY 04/05 Year 10	
Facility Description	Planning Area	Project Cost	Priority Value	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const	Des	Const
Equestrian Det Basin	C-1	$4,780,000	103		5.8																		
Western Diversion	C-1	$6,120,000	93.5				5.458																
Southwest (Blk Mtn) Basin	C-1	$3,350,000	93					0.335	3.015														
Sunset Basin and Outflow	Pittman	$6,420,000	92.5							0.642			5.778										
Pittman Park Det Basin	Pittman	$5,850,000	90.5							0.057	0.513												
Duck Creek Channel	Duck	$561,300	80.5											0.056	0.504								
C-1 Channel Middle Reach	C-1	$5,230,000	80							0.523	4.707												
East Detention Basin	C-1	$1,628,000	87.5									0.244			1.384								
Pittman/Pecos Basin	Pittman	$3,468,000	83												2.948								
Northeast Basin/Outfall	C-1	$6,520,000	79											0.652			6.07						
Notheast/East Levee	C-1	$1,830,000	78													0.275			1.56				
Equestrian Basin Outfall	C-1	$5,065,000	66															0.76			4.305		
Gibson Channel	Pittman	$3,241,000	64.5																	0.486			2.755
Whitney Ranch Channel	Pittman	$1,091,600	55.5																			0.164	0.928
Total		$55,154,900			5.80		5.46		3.35		6.44		6.02		5.54		6.35		2.32		4.79		3.85
Cumulative Total					5.80		11.26		14.61		21.05		27.07		32.62		38.96		41.28		46.07		49.92
CCRFCD Target					5.8		5.458		3.171		5.124		5.368		6.021		4.801		4.936		4.844		3.182
Amount Over/Under Target					0		0		0.179		1.318		0.654		-0.48		1.544		-2.62		-0.05		0.665

Variance from CCRFCD Target 1.214

CITY OF HENDERSON PHASE 1 RANKING FORM 1995

C-1 Channel Basin	POPULATION AFFECTED	LAND VALUE	PUBLIC PERCEPTIO	EMERG ACCESS	COST AVOIDANCE	OTHER FUNDING	INTER-RELATIONSHIP	TIMING & IMPLEMENTATION	ENVIRONMENT	MAINT COST	TOTAL
(Ranking Factor)	(5)	(4.5)	(4)	(3.5)	(3)	(2.5)	(2)	(1.5)	(1)	(.5)	
FACILITY NAME											
Mission Hills Detention Basin	4	4	3	4	4	4	4	4	2	3	103.5
Lower C-1 Channel (Lake Mead-Drake)	5	4	2	5	5	2	4	4	2	4	106.5
East Detention Basin	4	3	3	4	3	1	3	4	3	3	87.5
Middle C-1 Channel (Drake - UPRR)	3	3	4	2	2	1	4	4	4	4	80.0
Equestrian Detention Basin & Collection	4	4	4	3	4	4	3	4	3	3	103.0
Equestrian Detention Basin Outfall	2	3	2	2	3	2	4	2	2	1	66.0
Southwest Detention Basin	3	4	4	3	4	3	4	3	2	1	94.0
Northeast Detention Basin/Outfall	3	4	3	3	2	1	4	3	1	3	79.0
Northeast/East Levee	3	4	4	3	2	1	3	1	1	3	78.0
Western Interceptor	3	4	4	3	3	3	5	4	1	3	94.5

CITY OF HENDERSON PHASE 1 RANKING FORM 1995

DUCK CREEK BASIN	POPULATION AFFECTED	LAND VALUE	PUBLIC PERCEPTION	EMERG ACCESS	COST AVOIDANCE	OTHER FUNDING	INTER-RELATIONSHIP	TIMING & IMPLEMENTATION	ENVIRONMENT	MAINT COST	TOTAL
(Ranking Factor)	(5)	(4.5)	(4)	(3.5)	(3)	(2.5)	(2)	(1.5)	(1)	(.5)	
FACILITY NAME											
Duck Creek (Sunset-Newport)	3	3	4	3	2	1	3	3	4	5	80.5

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CITY OF HENDERSON PHASE 1 RANKING FORM 1995

Pittman Wash Basin	POPULATION AFFECTED	LAND VALUE	PUBLIC PERCEPTIO	EMERG ACCESS	COST AVOIDANCE	OTHER FUNDING	INTER-RELATIONSHIP	TIMING & IMPLEMENTATION	ENVIRONMENT	MAINT COST	TOTAL
(Ranking Factor)	(5)	(4.5)	(4)	(3.5)	(3)	(2.5)	(2)	(1.5)	(1)	(.5)	
FACILITY NAME											
Pittman Park Detention Basin	2	3	3	4	3	4	5	5	3	3	90.5
McDonald Ranch Channel	1	2	1	0	4	2	4	3	1	1	49
Sunset Detention Basin & Outflow System	2	4	4	4	4	3	4	3	1	3	92.5
Whitney Ranch Channel	1	4	4	1	1	1	2	1	1	2	55.5
Gibson Channel	1	2	2	4	3	2	4	2	2	3	64.5
Railroad East Channel & Detention System	1	2	1	2	2	3	4	3	2	1	53.5
Cosmo World Detention Basin	1	3	1	1	4	1	4	2	2	1	54
McDonald Ranch Detention Basin	1	3	0	1	4	2	4	2	1	1	51.5
Pittman Pecos Detention Basin	4	4	1	1	4	4	4	4	1	1	83

18 APR 95 15:53 CCRFCD

MAYOR
JAN LAVERTY JONES

COUNCILMEN
ARNIE ADAMSEN
SCOTT HIGGINSON
FRANK HAWKINS JR.
KEN BRASS

CITY MANAGER
LARRY K. BARTON

CITY of LAS VEGAS

April 18, 1995

Kevin Eubanks, PE - Assistant General Manager
Clark County Regional Flood Control District
301 E. Clark Avenue, Suite 301
Las Vegas, NV 89101

Dear Kevin:

SUBJECT: City of Las Vegas 10-Year Construction Program Priority List

We are submitting our 10-Year Construction Program Priority List for flood control projects. We have renamed the spreadsheet file you provided to CLV10YR.XLS and is provided on the attached 3-1/2 inch disk.

If you have any questions, please call at your convenience.

Sincerely,

Randy Fultz, PE
Flood Control Project Manager
Department of Public Works

cc: Charles Kajkowski, PE- CLV

File: ...\randy\wpdata\rlf\ccrfcd/clv10yr.doc

400 E. STEWART AVENUE • LAS VEGAS, NEVADA 89101-2986
(702) 229-6011 (VOICE) • (702) 386-9108 (TDD)

5.591

1 5.591
2 6.212
3 5.221
4 2.893
5 2.707
6 2.956
7 2.697
8 4.340
9 6.497
10 3.202

Exhibit 1

DRAFT

10-YEAR CONSTRUCTION PROGRAM

file M:\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 94/95 (Current Year) Design /ROW	FY 94/95 (Current Year) Const.	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.
LAS VEGAS (Central Las Vegas Valley) :														
Lone Mountain Detention Basin Phase 1	Gowan	$5,000,000	111.5	Interlocal executed 10/13/94		~~1.269~~								
Oakey Detention Basin and Collection System - Phase 2	Central	$8,114,000	101.0	Interlocal executed 11/10/94		~~1.513~~								
Angel Park Detention Basin Expansion	Gowan	$100,000	100.5	Prioritized for funding by Brd. Action 2/9/95. Funds acrue by 2/96		~~0.1~~		1.785						
Washington Avenue Channel - Lena to Eastern Reach 3	Central	$5,385,000	99.0	Interlocal executed 10/13/94		~~5.384~~								
Washington Ave. Channel - Upper Reach 4 (24th - FSt.)	Central	$10,798,000	98.5	Eastern to Sagman Expedited & increased By Board Action. $0.09M NTP Spaghetti Bowl	0.510	3.806	0.200	0.676		2.038	(1)	~~2.471~~		
Freeway Conveyance South LV Cr. to Charleston	Central	$7,989,000	98.5						0.500			2.095	(1)	
Freeway Channel Bypass Facility (Oakey to Wall Street)	Central	$3,060,000	93.5											
Freeway Channel South Charleston to Sahara	Central	$1,492,000	93.5	Sahara to Ivanhoe Constructed with NDOT										
Owens Avenue System (Rancho to I-15)	Central	$3,005,000	95.5	Funded with RTC					0.090			2.926		
Gowan North Channel - North Detention Basin to Lone Mnt Rd.	Gowan	$7,272,000	87.5	Predesign funded			0.700			0.728				1.906
Gowan North Channel - Lone Mtn. Rd. to CAM-10 Det. Basin	Gowan	$600,000	87.5	Predesign funded										
Lone Mountain System Outfall to Durango	Gowan	$1,187,000	76.5								0.200			0.987
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5	Funded with RTC	0.070			0.700						
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	90.0											
		Totals per Fiscal Year (x $1,000,000)				4.386		4.061		3.356		5.221		2.893
Las Vegas Current & 10-Year Total :		$42,313,500												

(1) Assumes 50/50 cost split with NDOT.

Date 4/18/95 Time 7:54 AM

Exhibit 1

DRAFT

10-YEAR CONSTRUCTION PROGRAM

file M:\10YR9596.XLS

Facility Description	Planning Area	Project Cost	Priority Value	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
LAS VEGAS (Central Las Vegas Valley) :															
Lone Mountain Detention Basin Phase 1	Gowan	$5,000,000	111.5												
Oakey Detention Basin and Collection System - Phase 2	Central	$8,114,000	101.0												
Angel Park Detention Basin Expansion	Gowan	$100,000	100.5												
Washington Avenue Channel - Lena to Eastern Reach 3	Central	$5,385,000	99.0												
Washington Ave. Channel - Upper Reach 4 (24th - FSt.)	Central	$10,798,000	98.5		2.707		2.306								
Freeway Conveyance South LV Cr. to Charleston	Central	$7,989,000	98.5						2.697		2.697				
Freeway Channel Bypass Facility (Oakey to Wall Street)	Central	$3,060,000	93.5							0.420			2.64		
Freeway Channel South Charleston to Sahara	Central	$1,492,000	93.5							0.200			1.292		
Owens Avenue System (Rancho to I-15)	Central	$3,005,000	95.5												
Gowan North Channel - North Detention Basin to Lone Mnt Rd.	Gowan	$7,272,000	87.5				0.650				1.023		1.063		1.202
Gowan North Channel - Lone Mtn. Rd. to CAM-10 Det. Basin	Gowan	$600,000	87.5									0.600			
Lone Mountain System Outfall to Durango	Gowan	$1,187,000	76.5												
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5												
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	90.0									0.900			2.000
			Totals per Fiscal Year (x $1,000,000)		2.707		2.956		2.697		4.340		6.495		3.202
Las Vegas Current & 10-Year Total :		$42,313,500													

(1) Assumes 50/50 cost split with NDOT.

Date 4/18/95 Time 7:54 AM

9 JUN 95 9:16 I-CCRFCD

MAYOR
JAN LAVERTY JONES

COUNCILMEN
ARNIE ADAMSEN
FRANK HAWKINS JR.
KEN BRASS
MATTHEW Q. CALLISTER

CITY MANAGER
LARRY K. BARTON

CITY of LAS VEGAS

June 8, 1995

Kevin Eubanks, P.E.
Assistant General Manager
Clark County Regional
Flood Control District
301 E. Clark Avenue - Suite 301
Las Vegas, NV 89101

Dear Kevin:

RE: CITY OF LAS VEGAS 10-YEAR CONSTRUCTION PROGRAM PRIORITY LIST

Attached please find our updated 10-Year Construction Program Priority List for flood control projects. We have added the Oakey Storm Drain to the Project List and attached a ranking for it. We have renamed the spreadsheet file you provided us. It is on the attached 3-1/2 inch disk under the file name CLV10YR.XLS.

Sincerely,

Randy Fultz, P.E.
Flood Control Project Manager
Department of Public Works

RF:cns
Attachments
cc: Charles Kajkowski, P.E. - CLV

P:\10Yr6-95.Rev

400 E. STEWART AVENUE • LAS VEGAS, NEVADA 89101-2986
(702) 229-6011 (VOICE) • (702) 386-9108 (TDD)

Exhibit 1

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10-YEAR CONSTRUCTION PROGRAM

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.
LAS VEGAS (Central Las Vegas Valley) :		*File g:\home\randy\r3data\rfcd\priority\10yr9596.xls*										
Angel Park Detention Basin Expansion (APNO 0000)	Gowan	$1,785,000	100.5			1.785	Prioritized funding by Brd.Action 2/9/95. Funds acrue by 2/96.					
Washington Ave. Channel-Reach 4 (Eastern to Sagman - LVWH 0298) #10	Central	$6,111,500	99 98.5			3.8055	Prioritized for funding by Brd. action 3/30/95. Funds acrue by					
Upper 'Washington Ave. Channel & Spaghetti Bowl - WAPR 0000 #11 LVWH 0448, 0447, 0448, 0374) #10	Central	$5,931,000	98.5	NTP	0.320		0.190			2.038		0.676
Freeway Conveyance South LV Cr. to Charleston (FW15 0000,0038)	Central	$9,594,000	98.5									
Oakey Drain - I15 to Valley View (FWOK 0000, 0044)	Central	$3,272,000	91. 5	Constructed with sewer and RTC			0.400	2.190		0.682	(2)	
Freeway Channel Bypass Facility (Oakey to Wall Street - FWUP 0000,0059)	Central	$3,060,000	93.5									
Freeway Channel South Charleston to Oakey - FW15 0089)	Central	$5,874,000	93.5	Sahara to Ivanhoe Constructed with NDOT								
Owens Avenue System (Rancho to I-15 - LVOW 0000)	Central	$3,126,000	95.5	Funded with RTC			0.200			2.926		
Gowan North Channel - North Basin to Lone Mnt Rd.-GONO 0046)	Gowan	$7,272,000	87.5	Predesign funded	0.300			0.728			0.400	
Gowan North Channel - Lone Mtn. Rd. to CAM-10 Det. Basin	Gowan	$600,000	87.5	Predesign funded								
Lone Mountain System Outfall to Durango (GOLM 0000)	Gowan	$1,187,000	76.5						0.200			0.987
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5	Funded with RTC	0.070			0.700				
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$2,900,000	90.0									
Totals per Fiscal Year (x $1,000,000)						6.281		4.408		5.846		2.063
Budget Amount Total 10-Yr		$51.856										
Las Vegas 10-Year Program Total :		**$51,482,500**										

(1) Assumes 50/50 cost split with NDOT.

(2) Assume 50/50 cost split with RTC.

#16 #17 #17 #25 #6

Date 6/9/95 Time 8:38 AM

Exhibit 1

DRAFT

10-YEAR CONSTRUCTION PROGRAM

Facility Description	Planning Area	Project Cost	Priority Value	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
LAS VEGAS (Central Las Vegas Valley) :		*File g:\home\randy\r3data\rfcd\prio*													
Angel Park Detention Basin Expansion (APNO 0000)	Gowan	$1,785,000	100.5												
Washington Ave. Channel-Reach 4 (Eastern to Sagman - LVWH 0298)	Central	$6,111,500	98.5	/96	2.306										
Upper 'Washington Ave. Channel & Spaghetti Bowl - (WAPR 0000 LVWH 0448, 0447, 0448, 0374)	Central	$5,931,000	98.5				2.707								
Freeway Conveyance South LV Cr. to Charleston (FW15 0000,0038)	Central	$9,594,000	98.5			0.500	2.000		2.000		5.094				
Oakey Drain - I15 to Valley View (FWOK 0000, 0044)	Central	$3,272,000	91. 5												
Freeway Channel Bypass Facility (Oakey to Wall Street - FWUP 0000,0059)	Central	$3,060,000	93.5							0.420			2.64		
Freeway Channel South Charleston to Oakey - FW15 0089)	Central	$5,874,000	93.5									0.500	2.687		2.687
Owens Avenue System (Rancho to I-15 - LVOW 0000)	Central	$3,126,000	95.5												
Gowan North Channel - North Basin to Lone Mnt Rd.-GONO 0046)	Gowan	$7,272,000	87.5		1.906				1.673		1.063		1.202		
Gowan North Channel - Lone Mtn. Rd. to CAM-10 Det. Basin	Gowan	$600,000	87.5											0.600	
Lone Mountain System Outfall to Durango (GOLM 0000)	Gowan	$1,187,000	76.5												
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5												
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$2,900,000	90.0									0.900			2.000
Totals per Fiscal Year (x $1,000,000)					4.212		5.207		3.673		6.577		7.929		5.287
Budget Amount Total 10-Yr			$51.856												
Las Vegas 10-Year Program Total :		**$51,482,500**													

(1) Assumes 50/50 cost split with NDOT.

(2) Assume 50/50 cost split with RTC.

Date 6/9/95 Time 8:38 AM

CITY OF LAS VEGAS
10–YEAR CONSTRUCTION PROGRAM
RANKINGS OF ADDITIONAL FACILITIES

08–Jun–95

Facility Description	Pop. value (5.0)	Land value (4.5)	Public value (4.0)	Access value (3.5)	Avoid. value (3.0)	Funding value (2.5)	Relation value (2.0)	Implem. value (1.5)	Environ. value (1.0)	Mainten. value (0.5)	TOTAL
Oakey Storm Drain	4 20	3 13.5	3 12	3 10.5	5 15	4 10	3 6	2 3	1 1	1 0.5	**91.5**

S:HOME\TOM\R3DATA\RFCD\TENYEAR\92PRIOR2

DRAFT
10-YEAR CONSTRUCTION PROGRAM

EXHIBIT "1"

Facility Description	Planning Area	Project Cost	Priority Value	FY 95/96 Year 1 Design /ROW	FY 95/96 Year 1 Const.	FY 96/97 Year 2 Design /ROW	FY 96/97 Year 2 Const.	FY 97/98 Year 3 Design /ROW	FY 97/98 Year 3 Const.	FY 98/99 Year 4 Design /ROW	FY 98/99 Year 4 Const.	FY 99/00 Year 5 Design /ROW	FY 99/00 Year 5 Const.	FY 00/01 Year 6 Design /ROW	FY 00/01 Year 6 Const.	FY 01/02 Year 7 Design /ROW	FY 01/02 Year 7 Const.	FY 02/03 Year 8 Design /ROW	FY 02/03 Year 8 Const.	FY 03/04 Year 9 Design /ROW	FY 03/04 Year 9 Const.	FY 04/05 Year 10 Design /ROW	FY 04/05 Year 10 Const.
NORTH LAS VEGAS (Northern Las Vegas Valley):																							
Sloan Channel (Las Vegas Wash - Confluence Detention Basin)	Range	$4,950,000	101.0	Predesign funded											2.000		2.000	6.0 4.0	2.000		2.0		
West Tributary Channel (Confluence Detention Basin-Las Vegas Blvd.)	Range	$4,990,000	98.0	Interlocal executed 12/08/94		2.89 0.500		1.3	2.890	1.3	1.300	2.89											
Lower Las Vegas Wash Detention Basin (including ROW)	N. LV Wash	$3,990,000	95.0	Interlocal executed 12/08/94 2.000			3.170	3.330	3.330	3.330	2.000												
~~Centennial West~~ Tributary (Las Vegas Wash)						0.1																	
Sunrise Mountain Detention Basins (ROW acquisition)	Range	$940,000	90.0													0.940							
"A" Channel (Lake Mead - Las Vegas Boulevard)	N. LV Wash	$5,710,000	90.0			0.500					2.605		2.605	5.210									
West Tributary Channel (Las Vegas Blvd. - UPRR)	Range	$4,270,000	90.0							0.800		0.8		0.8	3.170								
"A" Channel (Las Vegas Blvd. - Camino Al Norte)	N. LV Wash	$8,360,000	87.0	Camino Al Norte crossing completed									0.780			0.78	2.740	2.74	2.740	2.74			
"A" Channel - Craig Road ~~Tributary~~ CONFLUENCE STRUCTURE	N. LV Wash	$1,000,000	87										0.200	1.000						?	0.800		
Upper Las Vegas Wash - Craig Road to Ann	N. LV Wash	$4,429,000	87													0.650				0.650			2.568
East Range Wash Detention Basin	Range	$2,650,000	575											0.650						0.650	2.000		
Totals per Fiscal Year (x $1,000,000)					2.000		4.170		6.220		4.705		3.585		5.820		6.330		4.740		2.800		2.568
North Las Vegas 10-Year Total:		42,938,000			0		4.29 4.17		3.03 3.330		2.45 3.300		3.75 2.89		6.1 7.0 7.01		5.5 4.89		6.6 6.74		6.7 6.8 6.04		4.5 4.568

NLV
INPUT
Rec'd 6/21/95

BOULDER CITY

TEN-YEAR FLOOD CONTROL IMPROVEMENTS

COST	DESCRIPTION
	West Airport Watershed
$2,700,000.00	Construct concrete lined channels and box culverts.
	North Railroad Watershed
$1,755,000.00	Construct detention basin,concrete lined channels, box culverts and underground drains.
	Georgia and Buchanan Watershed
$ 600,000.00	Replace culverts with box culverts or bridges.
$5,055,000.00	**TOTAL**

6/14/95

Post-It™ brand fax transmittal memo 7671 | # of pages ▸ 1

To Kevin Eubanks	From Alan Gove
Co. CCRFCD	Co. City Boulder City
Dept.	Phone # 293-9200
Fax # 455-3870	Fax # 293-9241

10 Yr Flood Cont Imp
DR:tm 6/14/95

BOULDER CITY

TEN-YEAR FLOOD CONTROL IMPROVEMENTS

	COST	DESCRIPTION
50,000	$ 100,000.00	Replace Broadmoor culverts with bridge. V-4 (1)
	$ 350,000.00	Replace Georgia Wash culverts on Buchanan with bridge. NOT MP.
	$ 100,000.00	Construct concrete channel on Gingerwood Wash. ?
	$ 150,000.00	Reconstruct crossing on Georgia Wash at Mendota. NOT MP
	$ 420,000.00	Construct detention basin north of US 93 and west of Marshall Plaza (Ed Payne). DC
	$2,600,000.00	Construct lined channels and culvert from old airport area to new airport existing lined channel (E1, E2, E3, F1 & 14).
	$1,000,000.00	Construct lined channel series from Railroad Museum to Yucca St. (3,000± lf) and box culvert or bridge. NOT MP
	$ 335,000.00	Construct 18-inch drain and lined channel from Bootleg Canyon Sand & Gravel Pit to new Sand & Gravel Pit.
	$5,055,000.00	**TOTAL**

6-13-95

Post-It™ brand fax transmittal memo 7671 | # of pages ▸ 1

To Kevin Eubanks	From Alan Gove
Co. CCRFCD	Co. City of Boulder City
Dept.	Phone #
Fax # 455-3870	Fax # 293-9241

V-1 N. RR

V-2D W. AIRPORT D

V-3B HEMENWAY

V-4 GEORGIA/BUCHANAN

10 Yr Flood Cont Imp
DR:tm 6/8/95

OFFICE OF THE MESQUITE CITY HALL

INCORPORATED 1984

10 E. Mesquite Blvd. and Yucca
P.O. Box 69
Mesquite, NV 89024
(702) 346-5295
Fax (702) 346-2908

CITY OF MESQUITE, NEVADA

10-YEAR PLAN

SUBMITTAL BY: Allen Bell, P.E.
Director/Public Works
City of Mesquite, Nevada

DATE: June 13, 1995

PROJECT	TASK	DESIGN COST	CONSTRUCTION COST	TOTAL COST
Town Wash	Soil cement lined channel from I-15 to Virgin River, Phase II	$399,000	$2,261,000	$2,660,000
Abbott Wash	Unlined trapezoidal channel from I-15 to the Virgin River	$315,000	$1,785,000	$2,100,000
Pulsipher Wash	Channel modification, culvert replacement and soil cement channel lining channel lining from I-15 to the Virgin River	$180,000	$1,020,000	$1,200,000
TOTALS		$894,000	$5,066,000	$5,960,000

FUND 444 - FUND BALANCE REPORT
REGIONAL FLOOD CONTROL DISTRICT
DECEMBER 1995

BEGINNING FUND BALANCE		14,449,226
REVENUES:		
INTEREST	23,529	
		23,529
EXPENSES:		
CAPITAL IMPROVEMENT PROJECT EXPENDITURES	(2,157,723)	
CHECKS NOT DISTRIBUTED	0	
		(2,157,723)
ENDING FUND BALANCE (FUND 444)		12,315,032
CURRENT OBLIGATIONS AGAINST BOND FUNDS		
ACCOUNTS PAYABLE	(85,514)	
BALANCE REMAINING ON PROJECTS FUNDED TO DATE	(10,083,208)	
		(10,168,722)
UNOBLIGATED BOND FUNDS		2,146,310

CURRENT FUNDING REQUESTS

ENTITY	SCOPE	FISCAL IMPACT
	TOTAL REQUESTS FOR FUNDING	0
BALANCE		2,146,310

Project Priority and Estimated Funding Schedule

12/11/95

Month	Funding Requests Received	Amount	Estimated Funding			Priority		Notes
			Revenues	Available	Remaining	Number	Date Established	
Feb-96				$2,161,423				
Mar-96			$1,300,000	$3,461,423				
Apr-96			$1,300,000	$4,761,423				
May-96			$1,300,000	$6,061,423				
	Mission Hills Western Intercep.	5,458,000			$603,423	1	4/13/95	Construction
Jun-96			$1,300,000	$1,903,423				
	Sloan Channel - LVW to Owen	1,460,000			$443,423	2	9/14/95	Construction
Jul-96			$1,300,000	$1,743,423				

$247,768,534

OCD

REVENUE AVAILABLE FOR CIP (FILE:N:\10YEAR\REVEST95.XLS)

FISCAL YEAR ESTIMATES	SALES TAX REVENUE	TOTAL REVENUE	TOTAL EXPENSES	AINTENANC	REVENUE AVAILABLE FOR CIP	INTEREST & PRINCIPAL PAYMENT	CASH FOR PAY-AS-U-GO	LOCAL $s FOR TROP/FLAM	REMAINING CASH FOR PAYG	
FY 93/94 Actual	$28,252,779	$30,492,895	$2,196,508	$1,360,773	$26,935,614	$8,088,561	$18,847,053	$2,888,642	$15,958,411	
FY 94/95 Project	$31,600,000	$32,554,647	$2,786,779	$2,600,000	$27,167,868	$8,059,610	$19,108,258	$6,735,024	$12,373,234	
FY 95/96 Project	$32,900,000	$33,893,913	$3,901,425	$2,730,000	$27,262,488	$8,049,950	$19,212,538	$5,002,334	$14,210,204	
FY 96/97 Project	$33,887,000	$34,910,799	$2,988,468	$2,866,500	$29,055,831	$8,059,885	$20,995,946	$6,336,000	$14,659,946	
FY 97/98 Project	$34,903,610	$35,958,195	$3,078,122	$3,009,825	$29,870,248	$8,075,430	$21,794,818	$7,157,667	$14,637,151	
FY 98/99 Project	$35,950,718	$37,037,015	$3,170,465	$3,160,316	$30,706,234	$8,091,870	$22,614,364	$8,460,667	$14,153,697	
FY 99/00 Project	$37,029,240	$38,148,204	$3,265,579	$3,318,332	$31,564,292	$8,107,545	$23,456,747	$6,349,000	$17,107,747	
FY 00/01 Project	$38,140,117	$39,292,731	$3,363,547	$3,484,249	$32,444,935	$8,122,885	$24,322,050	$1,637,667	$22,684,383	
FY 01/02 Project	$39,284,321	$40,471,597	$3,464,453	$3,658,461	$33,348,682	$8,145,340	$25,203,342	$44,567,001	$25,203,342	
FY 02/03 Project	$40,462,850	$41,685,832	$3,568,387	$3,841,384	$34,276,061	$8,164,968	$26,111,094	$221,666,210	$26,111,094	$177,099,209
FY 03/04 Project	$41,676,736	$42,936,498	$3,675,438	$4,033,453	$35,227,606	$8,189,185	$27,038,421	$229,857,578	$27,038,421	$188,179,219
FY 04/05 Project	$42,927,038	$44,224,688	$3,785,701	$4,235,126	$36,203,860	$8,210,168	$27,993,693	$238,743,013	$27,993,693	$203,799,678
FY 05/06 Project	$44,214,849	$45,551,527	$3,899,273	$4,446,882	$37,205,372	$8,238,575	$28,966,797	$248,497,272	$28,966,797	$218,556,271
FY 06/07 Project	$45,541,294	$46,918,175	$4,016,251	$4,669,226	$38,232,697	$8,266,320	$29,966,377		$29,966,377	
FY 07/08 Project	$46,907,533	$48,325,826	$4,136,738	$4,902,688	$39,286,400		$39,286,400		$39,286,400	
FY 08/09 Project	$48,314,759	$49,775,712	$4,260,840	$5,147,822	$40,367,049		$40,367,049		$40,367,049	
FY 09/10 Project	$49,764,202	$51,269,098	$4,388,666	$5,405,213	$41,475,219		$41,475,219		$41,475,219	
FY 10/11 Project	$51,257,128	$52,807,291	$4,520,326	$5,675,474	$42,611,491		$42,611,491		$42,611,491	
FY 11/12 Project	$52,794,842	$54,391,634	$4,655,935	$5,959,248	$43,776,451		$43,776,451		$43,776,451	
FY 12/13 Project	$54,378,687	$56,023,513	$4,795,613	$6,257,210	$44,970,689		$44,970,689		$44,970,689	
FY 13/14 Project	$56,010,048	$57,704,353	$4,939,482	$6,570,071	$46,194,800		$46,194,800		$46,194,800	
FY 14/15 Project	$57,690,349	$59,435,623	$5,087,666	$6,898,574	$47,449,383		$47,449,383		$47,449,383	
FY 15/16 Project	$59,421,060	$61,218,838	$5,240,296	$7,243,503	$48,735,039		$48,735,039		$48,735,039	
FY 16/17 Project	$61,203,691	$63,055,554	$5,397,505	$7,605,678	$50,052,371		$50,052,371		$50,052,371	
FY 17/18 Project	$63,039,802	$64,947,378	$5,559,430	$7,985,962	$51,401,986		$51,401,986		$51,401,986	
FY 18/19 Project	$64,930,996	$66,895,963	$5,726,213	$8,385,260	$52,784,490		$52,784,490		$52,784,490	

10 YR TIC

COE 41,678,369

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Sales Tax Revenue projected based on 3.0% increase from FY 95/96

Expense projections (salaries/benefits/services/supplies/capital outlay) based on % of FY 94/95 as compared to Sales Tax Revenue (except as noted below)

$1.0 million added to Capital Outlay in FY 95/96 (new building)

****

Interest earned on unexpended bond $ will be used to build total projects of $82,330,504. Actual bond proceeds $78,800,000 (Nov 1991)

Project Priority and Estimated Funding Schedule

4/18/95

Month	Funding Requests Received	Amount	Estimated Funding			Priority		Notes
			Revenues	Available	Remaining	Number	Date Established	
May-95				$9,231				Includes closeout and MWP items
Jun-95			$900,000	$909,231				
Jul-95			$900,000	$1,809,231				
Aug-95			$900,000	$2,709,231				
Sep-95			$900,000	$3,609,231				
Oct-95			$900,000	$4,509,231				
Nov-95			$900,000	$5,409,231				
Dec-95			$900,000	$6,309,231				
	Equestrian Detention Basin	5,800,000			$509,231	1	1/12/95	Construction
Jan-96			$900,000	$1,409,231				
Feb-96			$900,000	$2,309,231				
	Muddy River West Levee	1,650,000			$659,231	2	1/12/95	ROW
Mar-96			$900,000	$1,559,231				
Apr-96			$900,000	$2,459,231				
	Angel Park Det. Basin	1,785,000			$674,231	3	2/9/95	Construction
May-96			$900,000	$1,574,231				
Jun-96			$900,000	$2,474,231				
Jul-96			$900,000	$3,374,231				
Aug-96			$900,000	$4,274,231				
	Washington, Eastern - Sagman	3,805,000			$469,231	4	4/13/95	Construction
Sep-96			$900,000	$1,369,231				
Oct-96			$900,000	$2,269,231				
Nov-96			$900,000	$3,169,231				
Dec-96			$900,000	$4,069,231				
Jan-97			$900,000	$4,969,231				
Feb-97			$900,000	$5,869,231				
	Mission Hills Western Intercep.	5,458,000			$411,231	5	4/13/95	Construction
Mar-97			$900,000	$1,311,231				
Apr-97			$900,000	$2,211,231				
May-97			$900,000	$3,111,231				
Jun-97			$900,000	$4,011,231				

Project Priority and Estimated Funding Schedule

3/13/95

— 33,136

VAN BUSK II 7,400,000

Month	Funding Requests Received	Amount	Estimated Funding Revenues	Available	Remaining	Priority Number	Date Established	Notes
Apr-95				$7,199,991				
	Van Buskirk Phase II	6,140,700			$1,059,291	1	12/8/94	Construction
May-95			$900,000	$1,959,291				
Jun-95			$900,000	$2,859,291				
Jul-95			$900,000	$3,759,291				
Aug-95			$900,000	$4,659,291				
Sep-95			$900,000	$5,559,291				
Oct-95			$900,000	$6,459,291				
	Equestrian Detention Basin	5,800,000			$659,291	2	1/12/95	Construction
Nov-95			$900,000	$1,559,291				
Dec-95			$900,000	$2,459,291				
	Muddy River West Levee	1,650,000			$809,291	3	1/12/95	ROW
Jan-96			$900,000	$1,709,291				
Feb-96			$900,000	$2,609,291				
	Angel Park Det. Basin	1,785,000			$824,291	4	2/9/95	Construction
Mar-96			$900,000	$1,724,291				
Apr-96			$900,000	$2,624,291				
May-96			$900,000	$3,524,291				
Jun-96			$900,000	$4,424,291				
	Washington, Eastern - Sagman	3,805,500			$618,791			Construction
Jul-96			$900,000	$1,518,791				
Aug-96			$900,000	$2,418,791				
Sep-96			$900,000	$3,318,791				
Oct-96			$900,000	$4,218,791				
Nov-96			$900,000	$5,118,791				
Dec-96			$900,000	$6,018,791				
	Mission Hills Western Intercep.	5,458,000			$560,791			Construction
Jan-97			$900,000	$1,460,791				
Feb-97			$900,000	$2,360,791				

04/95

05/96

06/97

Project Priority and Estimated Funding Schedule

1/18/95

Month	Funding Requests Received	Amount	Estimated Funding			Priority		Notes
			Revenues	Available	Remaining	Number	Date Established	
Feb-95				$3,368,271				Includes ~~Angel Park~~, MWP, FIS, NPDES Lone Mtn
Mar-95			$900,000	$4,268,271				
Apr-95			$900,000	$5,168,271				
May-95			$900,000	$6,068,271				
Jun-95			$900,000	$6,968,271				
	Van Buskirk Phase II	6,400,000			$568,271	1	12/8/94	Construction
Jul-95			$900,000	$1,468,271				
Aug-95			$900,000	$2,368,271				
Sep-95			$900,000	$3,268,271				
Oct-95			$900,000	$4,168,271				
Nov-95			$900,000	$5,068,271				
Dec-95			$900,000	$5,968,271				
	Equestrian Detention Basin	5,800,000			$168,271	2	1/12/95	Construction
Jan-96			$900,000	$1,068,271				
Feb-96			$900,000	$1,968,271				
	Muddy River West Levee	1,650,000			$318,271	3	1/12/95	ROW
Mar-96			$900,000	$1,218,271				
Apr-96			$900,000	$2,118,271				
	Angel Park Det. Basin	1,650,000			$468,271			Construction
May-96			$900,000	$1,368,271				
Jun-96			$900,000	$2,268,271				

Project Priority and Estimated Funding Schedule

12/12/94

Month	Funding Requests Received	Amount	Estimated Funding			Priority		Notes
			Revenues	Available	Remaining	Number	Date Established	
Jan-95				$2,879,112				
Feb-95			$900,000	$3,779,112				
Mar-95			$900,000	$4,679,112				
Apr-95			$900,000	$5,579,112				
May-95			$900,000	$6,479,112				
	Van Buskirk Phase II	6,400,000			$79,112	1	12/8/94	Construction
Jun-95			$900,000	$979,112				
Jul-95			$900,000	$1,879,112				
Aug-95			$900,000	$2,779,112				
Sep-95			$900,000	$3,679,112				
Oct-95			$900,000	$4,579,112				
Nov-95			$900,000	$5,479,112				
Dec-95			$900,000	$6,379,112				
	Equestrian Detention Basin	5,800,000 ~~5,700,000~~			$679,112			Construction
Jan-96			$900,000	$1,579,112				
Feb-96			$900,000	$2,479,112				
	Muddy River West Levee	1,850,000 ~~1,650,000~~			$829,112			ROW
Mar-96			$900,000	$1,729,112				
Apr-96			$900,000	$2,629,112				
May-96			$900,000	$3,529,112				
Jun-96			$900,000	$4,429,112				

Joe,
PLEASE NOTE
KL

Project Priority and Estimated Funding Schedule

12/12/94

Month	Funding Requests Received	Amount	Estimated Funding			Priority		Notes
			Revenues	Available	Remaining	Number	Date Established	
Jan-95				$2,879,112				
Feb-95			$900,000	$3,779,112				
Mar-95			$900,000	$4,679,112				
Apr-95			$900,000	$5,579,112				
May-95	Van Buskirk Phase II	6,400,000	$900,000	$6,479,112	$79,112	1	12/8/94	Construction
Jun-95			$900,000	$979,112				
Jul-95			$900,000	$1,879,112				
Aug-95			$900,000	$2,779,112				
Sep-95			$900,000	$3,679,112				
Oct-95			$900,000	$4,579,112				
Nov-95			$900,000	$5,479,112				
Dec-95	Equestrian Detention Basin	5,800,000	$900,000	$6,379,112	$579,112			Construction
Jan-96			$900,000	$1,479,112				
Feb-96	Muddy River West Levee	1,650,000	$900,000	$2,379,112	$729,112			ROW
Mar-96			$900,000	$1,629,112				
Apr-96			$900,000	$2,529,112				
May-96			$900,000	$3,429,112				
Jun-96			$900,000	$4,329,112				

Project Priority and Estimated Funding Schedule

9/15/94

Month	Funding Requests Received	Amount	Estimated Funding			Priority		Notes
			Revenues	Available	Remaining	Number	Date Established	
Oct-94	Washington - Lena to Eastern	$5,384,500		$6,716,274	$1,331,774	1	1/13/93	Includes LV MWP, Sloan reduction, 94 MWP Closeouts & Project closeouts
Nov-94	Oakey Detention Basin	$1,513,000	$596,786	$1,928,560	$415,560	2	3/10/94	
Dec-94			$596,786	$1,012,346				
Jan-95	2nd Supp. Lower Duck Creek	$1,200,000	$596,786	$1,609,132	$409,132	3	4/14/94	
Feb-95			$596,786	$1,005,918				
Mar-95			$596,786	$1,602,704				
Apr-95			$596,786	$2,199,490				
May-95			$596,786	$2,796,276				
Jun-95			$596,786	$3,393,062				
Jul-95			$596,786	$3,989,848				
Aug-95			$596,786	$4,586,634				
Sep-95			$596,786	$5,183,420				
Oct-95			$596,786	$5,780,206				
Nov-95			$596,786	$6,376,992				
Dec-95			$596,786	$6,973,778				

Washington pushed back on growth
missed coming of age by 469,167.
LV MWP requests were $476,000.

Project Priority and Estimated Funding Schedule

9/14/94

Month	Funding Requests Received	Amount	Estimated Funding			Priority		Notes
			Revenues	Available	Remaining	Number	Date Established	
Oct-94				$4,660,095				Includes LV MWP request
Nov-94			$596,786	$5,256,881				
Dec-94			$596,786	$5,853,667				
	Washington - Lena to Eastern	$5,384,500			$469,167	1	1/13/93	
Jan-95			$596,786	$1,065,953				
Feb-95			$596,786	$1,662,739				
	Oakey Detention Basin	$1,513,000			$149,739	2	3/10/94	
Mar-95			$596,786	$746,525				
Apr-95			$596,786	$1,343,311				
	2nd Supp. Lower Duck Creek	$1,200,000			$143,311	3	4/14/94	
May-95			$596,786	$740,097				
Jun-95			$596,786	$1,336,883				
Jul-95			$596,786	$1,933,669				
Aug-95			$596,786	$2,530,455				
Sep-95			$596,786	$3,127,241				
Oct-95			$596,786	$3,724,027				
Nov-95			$596,786	$4,320,813				
Dec-95			$596,786	$4,917,599				

Project Priority and Estimated Funding Schedule

7/27/94

Month	Funding Requests Received	Amount	Estimated Funding			Priority		Notes
			Revenues	Available	Remaining	Number	Date Established	
Aug-94			$596,786	$3,630,162				$12,800 for Cam-10 taken out and U.S. Geological Survey
Sep-94			$596,786	$4,226,948				
Oct-94			$596,786	$4,823,734				
Nov-94	Washington - Lena to Eastern	$5,384,500	$596,786	$5,420,520	$36,020	1	1/13/93	Construction
Dec-94			$596,786	$632,806				
Jan-95			$596,786	$1,229,592				
Feb-95	Oakey Detention Basin	$1,513,000	$596,786	$1,826,378	$313,378	2	3/10/94	Construction
Mar-95			$596,786	$910,164				
Apr-95	2nd Supp. Lower Duck Creek	$1,200,000	$596,786	$1,506,950	$306,950	3	4/14/94	ROW
May-95			$596,786	$903,736				
Jun-95			$596,786	$1,500,522				
Jul-95			$596,786	$2,097,308				
Aug-95			$596,786	$2,694,094				
Sep-95			$596,786	$3,290,880				
Oct-95			$596,786	$3,887,666				
Nov-95			$596,786	$4,484,452				
Dec-95			$596,786	$5,081,238				

Projects remaining on FY 93/94 Project List			
	Mission Hills Collection Sys.	$1,118,000	R-O-W
	Angel Park Expansion	$100,000	Construction
	Goodsprings	$303,000	Construction
	Bunkerville	$297,000	Design
	Muddy River Levee	$1,800,000	R-O-W
	Total	$3,618,000	
	Funds Available	$0	*
	Funding (Shortfall)/Overage	($3,618,000)	

* Funding is prioritized for other projects

Project Priority and Estimated Funuing Schedule

7/19/94

Month	Funding Requests Received	Amount	Estimated Funding			Priority		Notes
			Revenues	Available	Remaining	Number	Date Established	
Aug-94			$596,786	$3,742,662				$12,800 for Cam-10 taken out
Sep-94			$596,786	$4,339,448				
Oct-94			$596,786	$4,936,234				
Nov-94			$596,786	$5,533,020				
	Washington - Lena to Eastern	$5,384,500			$148,520	1	1/13/93	Construction
Dec-94			$596,786	$745,306				
Jan-95			$596,786	$1,342,092				
Feb-95			$596,786	$1,938,878				
	Oakey Detention Basin	$1,513,000			$425,878	2	3/10/94	Construction
Mar-95			$596,786	$1,022,664				
Apr-95			$596,786	$1,619,450				
	2nd Supp. Lower Duck Creek	$1,200,000			$419,450	3	4/14/94	ROW
May-95			$596,786	$1,016,236				
Jun-95			$596,786	$1,613,022				
Jul-95			$596,786	$2,209,808				
Aug-95			$596,786	$2,806,594				
Sep-95			$596,786	$3,403,380				
Oct-95			$596,786	$4,000,166				
Nov-95			$596,786	$4,596,952				
Dec-95			$596,786	$5,193,738				

Projects remaining on FY 93/94 Project List			
	Mission Hills Collection Sys.	$1,118,000	R-O-W
	Angel Park Expansion	$100,000	Construction
	Goodsprings	$303,000	Construction
	Bunkerville	$297,000	Design
	Muddy River Levee	$1,800,000	R-O-W
	Total	$3,618,000	
	Funds Available	$0	*
	Funding (Shortfall)/Overage	($3,618,000)	

* Funding is prioritized for other projects

From 1990 Accomplishments & Strategic Plan for 1991

92/93 MOAPA
93/94 LAUGHLIN
94/95 Boulder City
95/96 Las Vegas Valley
96/97 Mesquite / BUNKERVILLE
97/98 MOAPA & Outlying Areas

Cycle

92/93 MOAPA (Moapa Valley, Moapa, Glendale)
93/94 LAUGHLIN
94/95 BUNKERVILLE / MESQUITE
95/96 LAS VEGAS Valley
96/97 BOULDER CITY / OUTLYING AREAS *
97/98 MOAPA (BEGINS TO REPEAT Cycle)

* Outlying Areas Includes JEAN, SCHAN, Stateline, Goodsprings, Searchlight, Nelson, Indian Springs & others?

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

PRIORITIZATION OF PROJECTS, 10-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 1994/95 PROJECT LIST

RECOMMENDATION SUMMARY

STAFF: Approve.

TECHNICAL ADVISORY: Approve.

CITIZENS ADVISORY: Approve.

RFCD AGENDA
ITEM # 14
Date: 07/14/94

CLARK COUNTY
REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

DISCUSSION AND POSSIBLE ACTION TO APPROVE THE PRIORITIZATION OF PROJECTS, TEN-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 1994/1995 PROJECT LIST

PETITIONER:

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

RECOMMENDATION OF PETITIONER:

APPROVE PROJECT PRIORITIZATION, TEN-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 1994/1995 PROJECT LIST

FISCAL IMPACT:

None.

Approval does not commit the District to provide funding. No funding is committed until approval by interlocal contract.

BACKGROUND:

On August 11, 1993, the Board approved the Prioritization of Projects in the Las Vegas Valley, the Ten-Year Construction Program (FY 1993/1994 through FY 2002/2003) and the Fiscal Year 1993/1994 Project List. The lists were subsequently amended by Board action on December 9, 1993, January 13, 1994 and most recently, on March 10, 1994. The lists are required to be reviewed and updated on an annual basis; therefore, the agenda backup includes an update of the Ten-Year period from FY 1994/1995 through FY 2003/2004.

The following exhibits are included in the backup:

Exhibit A - Planning Area Percentages. This exhibit includes costs for all Phase 1 Flood Control Facilities and attributes percentages based upon costs of Phase 1 Flood Control Facilities for each planning area. This exhibit is unchanged from that which was presented to the Board on June 11, 1992.

TAC AGENDA ITEM # 03 Date: 5/26/94	RFCD AGENDA ITEM # 14 Date: 7/14/94

TAC AGENDA
ITEM #03
DATE: 6/30/94

Exhibit B - Priority Values, Additions to the 10-Year Program. This exhibit summarizes revised priority values and new priority values for projects to be added as Phase I. All other priority values assigned to flood control facilities in the Las Vegas Valley remain unchanged. Those priority values and subsequent changes were approved by the Board on June 11, 1992.

Exhibit C - Ten-Year Construction Program. This exhibit is the 10-Year Construction Program for the FY 94/95 through FY 03/04 period. The requested changes and/or additions by the entities have been included in the 10-Year Program. In addition, the proposed 10-Year Program includes $50,626,778 for the Local Share required for involvement in the U.S. Army Corps of Engineers Tropicana/Flamingo Washes project. The estimated cash flow for the 10 year period is shown at the bottom of the last two pages of this exhibit. The 10-Year program totals $178,452,778 and estimated revenues total $188,656,098. Revenue estimates are based on a 3.0% increase per year from FY 93/94.

Exhibit D - Summary of Funding. - This exhibit is a summary of funding encumbered or requested through May 17, 1994; remaining funding programmed on the Bond Project List; and funding requested on the 10-Year Construction Program. Based on percentages of Phase 1 Flood Control Facilities identified on Exhibit A, this exhibit demonstrates the present funding level for each planning area and indicates which planning area is over or under the programmed funding at the end of the 10-Year Program (FY 03/04).

Respectfully submitted,

Gale Wm. Fraser, II, P.E.
General Manager/Chief Engineer

TAC AGENDA	RFCD AGENDA
ITEM # 03	ITEM #14
Date: 05/26/94	Date: 7/14/94

TAC AGENDA
ITEM #03
DATE: 06/30/94

0526ten.itm

Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Discussion: **Date:** 07/05/94

PRIORITIZATION OF PROJECTS, 10-YEAR CONSTRUCTION PROGRAM AND FISCAL YEAR 1994/95 PROJECT LIST

On August 11, 1993, the Board approved the Prioritization of Projects in the Las Vegas Valley, the Ten-Year Construction Program (FY 1993/1994 through FY 2002/2003) and the Fiscal Year 1993/1994 Project List. The lists were subsequently amended by Board action on December 9, 1993, January 13, 1994 and most recently, on March 10, 1994. The lists are required to be reviewed and updated on an annual basis; therefore, the agenda backup includes an update of the 10-Year period from FY 1994/1995 through FY 2003/2004.

The update of the Prioritization of Projects, the 10-Year Construction Program and Fiscal Year 1994/1995 Project List included in the backup was developed from information submitted by the affected entities.

Staff Recommendation:

Approval of:

1. The revised and new priority values;
2. The 10-Year Construction Plan as presented; and
3. The FY 1994/95 Project List.

Discussion by Technical Advisory Committee: **AGENDA #3 Date:** 06/30/94

Recommendation:

Approve.

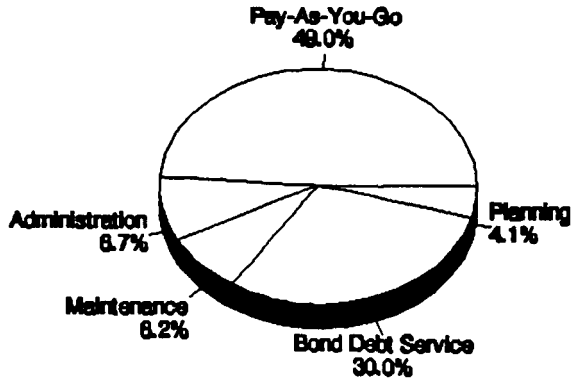
Discussion by Citizens Advisory Committee: **AGENDA #3 Date:** 07/05/94

Recommendation:

Approve.

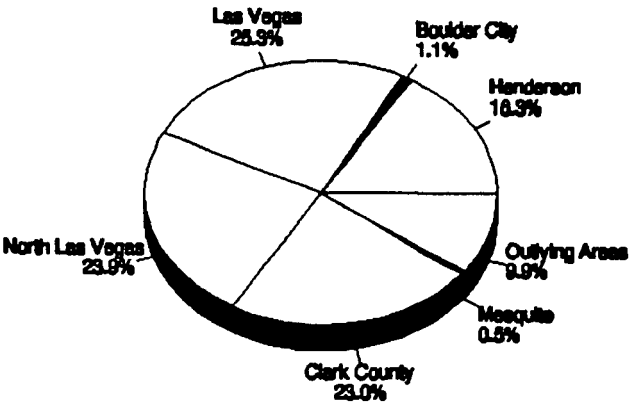
Background:

The proposed 10-Year Construction Program for the period from Fiscal Year 1995 through Fiscal Year 2004 is attached for your review and approval. 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 construction program, based upon an approximate 3% annual increase for the 10-year period, are estimated to be $188,656,098. 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 right.



TYPICAL ALLOCATION OF REVENUES

The target funding percentages for each hydrographic area were established based on a proportionate share of the costs of Phase 1 flood control facilities identified in the Master Plan. The Phase 1 costs were obtained from the various Master Plan updates that have been completed. Exhibit A, included in the backup, shows the costs of Phase 1 flood control facilities by entity (hydrographic area). The pie chart shown on the right 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 Plan.



PRORATED SHARE OF FUNDING BY ENTITY BASED ON MASTER PLAN

Since May 1987, the date the first 1/4% sales tax revenues were received, through April 1994, the District has funded projects totalling approximately $198,000,000. The $198,000,000 also includes the $80,000,000 in general obligation bonds, secured by sales tax revenue, which were sold in November 1991. The District has also expedited funding for projects located in Boulder City and Mesquite in order to complete their larger projects which would have taken years for the funding to accrue at the percentages shown above.

Project Prioritization:

Annually, during review and development of the 10-Year Program, the relative priority of Master Plan projects are reviewed and the priority of any new projects are assessed. Exhibit B, included in the backup, tabulates the priority values for the flood control facilities which have been revised by the entities to reflect current conditions or for projects requested to be added to the program. Exhibit B also presents the criteria used in the evaluation of projects as prescribed in the District Policies and Procedures Section 2.6. During the development of the program this year, four new projects have been requested. They are:

Pittman Park Detention Basin - This is an addition to the 10-Year Program. Within the Pittman hydrographic area, this project is located on City of Henderson Property just downstream of the UPRR bridge. It is necessary to control flows to the lower Pittman Channel. The Facility is planned as a 62 acre-foot offline detention basin. Estimated cost is $5,850,000. This project was previously assigned a priority value of 96.0 when it was included with the Channel from Sunset to the UPRR. Now evaluated on its own, it has been assigned a priority value of 90.5.

Duck Creek Channel, Sunset to Newport Village - This is an addition to the 10-Year Program. This project, within the Duck Creek hydrographic area, will consist of a 50 foot wide gabion lined channel extending approximately 1,100 feet upstream from Sunset Road. In an area subject to repeated maintenance, this short reach will complete a segment of the Duck Creek through a highly urbanized area. The estimated cost is $561,300. The overall reach of the Duck Creek from Mountain Vista to the UPRR was previously prioritized by Clark County for the Southwest Las Vegas Valley and

assigned a value of 72.0. The City of Henderson has calculated a priority value of 80.5 for this portion of the Duck Creek alone.

East C-1 Detention Basin - This is an addition to the 10-Year Program. This detention basin, within the C-1 hydrographic area, is located in a narrow canyon above an alluvial fan east of Henderson. A 48 inch diameter outlet will reduce a 2,400 cfs inflow to 400 cfs. The estimated cost is $1,630,000. This project was previously assigned a priority value of 60.5. The recommended priority value has been recalculated at 74.5.

Lone Mountain Detention Basin Ph. 1 - This is an addition to the 10-Year Program. This facility lies at the southern base of Lone Mountain within the Gowan hydrographic area. There is a considerable interest on the part of a group of developers to participate in the cost of construction of this detention basin. On April 14, 1994 the Board approved a Resolution Of Intent (ROI) to consider applying unexpended funds from several other completed projects toward participation with the developers in the construction of an initial phase of this detention basin. The ROI identifies $1,269,000 which could be provided from the District. The estimated total cost of the project is $5,000,000. This project was previously prioritized with a value of 76.5. The recommended priority value has been recalculated at 111.5.

Several other projects which appeared on the previous 10-Year Construction Program have had their priority values re-evaluated. These projects are listed below:

Sunset Detention Basin, Collection and Outfall System - This flood control facility consist of lined and unlined channels which extend from the Las Vegas Wash to the center of Henderson with a detention basin generally located south of the intersection of Boulder Highway and Sunset Road within the Pittman hydrographic area. A facilities study is being completed to further define the optimum system for implementation. The project was previously assigned a priority value of 105.5 which has been recalculated at 92.5.

Southwest C-1 Detention Basin (Black Mountain) - This basin will control runoff from the southwest area of the C-1 Channel System to be delivered to the Mission Hills Detention Basin. The project was previously assigned a priority value of 103.5 which has been recalculated at 93.0.

C-1 Channel Middle Reach (Drake to RR) - This project includes lining of the existing earthen channel for erosion protection and a new bridge at Horizon Drive. The project was previously assigned a priority value of 96.5 which has been recalculated at 80.0.

I-15 Freeway Channel South, Sahara Avenue to Charleston - This project is located within the Central hydrographic area and consists of a triple celled 9' X 13' reinforced box stormdrain. It will provide a conveyance for stormwater that is tributary to the Charleston underpass. The estimated cost of this facility is $1,492,000. Previously prioritized under the heading of the Phase 1 Charleston Underpass Solution/Freeway Conveyance it was assigned a value of 98.5. The recommended revised priority value for this reach alone is 93.5.

Sloan Channel (Las Vegas Wash - Confluence Detention Basin - This project was previously assigned a priority value of 100.0. The recommended priority value has been recalculated at 101.0.

West Tributary Channel (Confluence Detention Basin - Las Vegas Boulevard) - This project was previously assigned a priority value of 84.5. The recommended priority value has been recalculated at 97.0.

West Tributary Channel (Las Vegas Blvd. to UPRR) - This project was previously assigned a priority value of 67.0. The recommended priority value has been recalculated at 90.5.

Lower Las Vegas Wash Detention Basin - This project was previously assigned a priority value of 82.5. The recommended priority value has been recalculated at 93.0.

Sunrise Mountain Detention Basins - This project was previously assigned a priority value of 75.5. The recommended priority value has been recalculated at 93.0.

A Channel (Lake Mead to Las Vegas Blvd.) - This project was previously assigned a priority value of 68.5. The recommended priority value has been recalculated at 90.5.

A Channel (Las Vegas Blvd. to Camino Al Norte) - This project was previously assigned a priority value of 66.5. The recommended priority value has been recalculated at 87.0.

10-Year Construction Program:

The proposed 10-Year Construction Program which totals $178,452,778 is outlined in the backup on Exhibit C. The location of 10-Year Construction Program projects are shown in the attached map labeled "Las Vegas Valley Ten-Year Construction Program". A summary of the proposed program, along with major accomplishments for each entity follows.

HENDERSON
C-1 Channel, Duck Creek 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 (improved from Stephanie Street to Robindale Road Phase I and II)
Pittman Wash Phase IIIA from Stephanie Street to I-515 (under construction)
Union Pacific Railroad Channel, (located along the railroad from Pittman Wash to Eastern Avenue was recently completed)
Mission Hills Detention Basin Project (construction nearing completion)
C-1 Channel from Lake Mead to Drake, (construction contract awarded)

District funding since 1987 for the projects plus design efforts on future projects total approximately $24,633,000.

The projects proposed on the 10-Year Construction Program include the following:

Mission Hills Western Diversion - This project will increase the contributing drainage area to the Mission Hills Detention Basin. The design and right-of-way acquisition is underway with construction funding programmed in FY 96/97. The total programmed for this facility is approximately $5.5 million.

Equestrian Drive Detention Basin and Collection System - This project is located in the southeast area of Henderson. The design and right-of-way acquisition is underway with construction funding in FY 94/95. Approximately $4.3 million is programmed for this facility.

Southwest C-1 Detention Basin - This basin will control runoff from the southwest area of the C-1 Channel System. Design and right-of-way engineering is programmed in FY 96/97 with construction the following year. This project is generally located at the base of Black Mountain. The total programmed for this flood control facility is approximately $3.4 million.

Sunset Detention Basin - This flood control facility is generally located south of the intersection of Boulder Highway and Sunset Road. Design is expected in FY 98/99 with construction occurring the following year. The amount for this flood control facility is $6.4 million.

C-1 Channel - Middle Reach (Drake to RR) - The design of the improvements to the middle reach of the C-1 Channel is programmed in FY 02/03 with improvements occurring in the following year. Funding programmed for this flood control facility totals approximately $5.2 million.

Pittman Park Detention Basin - An addition to the 10-Year program, this project is located just downstream of the UPRR at the upstream end of the existing lower Pittman Channel. It is at an existing sports park site and much of the excavation will soon be completed. Design funding is programmed in FY 00/01 with construction occurring in the following year. The 10-Year program includes approximately $0.6 million for this project.

Duck Creek Channel - Sunset to Newport Village - An addition to the 10-Year program, design in the amount of $56,000 for this channel reach, extending approximately 1,100 feet upstream from Sunset Road, is programmed in FY 00/01 with $504,000 programmed for construction in the following year.

East C-1 Detention Basin - An addition to the 10-Year program, this basin controls the watershed upstream of the largest alluvial fan in east of Henderson and is ideally situated in a narrow canyon. Design and construction are programmed for year 10; FY 03/04.

The funding programmed for the C-1 Channel, Duck Creek and Pittman Wash Planning Areas in Henderson total approximately $27.5 million on the 10-Year Construction Program .

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 (located between Charleston Boulevard and Angel Park Detention Basin)
- Angel Park Outfall Storm Drain (located in 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)
- 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 (Nearing completion)
- I-15 Freeway Channel (being constructed as part of the I-15/Sahara Avenue Interchange project)
- Washington Avenue System (Las Vegas Creek from Las Vegas Wash along Sandhill Road to Washington Avenue then along Washington Avenue to Virgil (Complete); Virgil to Lena Street (Under construction); Lena to Eastern Prioritzed for funding projected to be available in the latter part of 1994
- Alta Stormdrain part of the Meadows Detention Basin Collection System (Completed)
- Cheyenne Crossings developer participation project at Rampart, Soft Breezes and Soaring Gulls (Under construction)
- Rampart stormdrain in conjunction with REC (Under construction).
- Cheyenne Channel Gowan South Detention Basin to Buffalo Drive (Under construction).

District funding since 1987 for the projects plus design efforts on future projects total approximately $54,103,000.

The projects proposed on the 10-Year Construction Program include the following:

Angel Park Detention Basin Expansion - The existing Angel Park Detention Basin will be expanded to provide more flow reduction and flood protection to the downstream system. The basin is presently being expanded at a minimal cost to the District by the efforts of the City of Las Vegas and the Bureau of Land Management through sales of material at the site. The $100,000 programmed in FY 94/95 further ensures that material will continue to be exported from the basin site.

Washington Avenue/ I-15 Freeway Channel South System - This System, including the drainage of the Charleston Underpass, will undergo major improvements during the next 10 years. Construction and design funding is programmed in all ten years of the proposed 10-Year Construction Program. It is anticipated that Washington Avenue from Lena Street to the Spaghetti Bowl (I-15/I-515 Interchange) will be constructed along with the collection system from Charleston Boulevard to the Spaghetti Bowl. The segment north of Charleston Boulevard will collect most of the flows that presently inundate the Charleston Underpass. The system necessary to collect these flows (Freeway Channel South) is programmed for design in FY 01/02 and construction in 02/03. The total funding programmed for this system is approximately $24.9 million.

Oakey Detention Basin Collection System - This project will extend and improve the collection system from Rainbow Boulevard to Sahara Avenue. The project is programmed for construction funding in FY 94/95 in the amount of approximately $1.513 million.

Gowan North Channel - This project originates at the Gowan Detention Basin and extends to the 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. Design of the reach from the detention basins to Lone Mountain Road is programmed to begin in FY 95/96 with construction to be completed throughout a 10 year period. The project from Lone Mountain Road to the CAM-10 detention basin is

programmed for design in FY 03/04. Total funding programmed for this flood control facility is approximately $5.3 million.

Freeway Channel North - This project is located west of I-15 and is comprised of a storm drain in Washington Avenue from I-15 to Martin Luther King Boulevard. This project is expected to coincide with a street improvement project, thereby limiting the District's participation to oversizing of the storm drain. Funding programmed for design in FY 94/95 is $70,000 and for construction in FY 95/96 is $700,000.

Owens Avenue System - 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 oversizing of the storm drain. Design is programmed in FY 96/97 with construction the next year. Total funding programmed for this flood control facility is approximately $3.0 million.

Lone Mountain Detention Basin Phase 1 - An addition to the 10-Year program, this facility lies at the southern base of Lone Mountain. There is a considerable interest on the part of a group of developers to participate in the cost of construction of this detention basin. On April 14, 1994 the Board approved a Resolution Of Intent (ROI) to consider applying unexpended funds from several other completed projects toward participation with the developers in the construction of an initial phase of this detention basin. The ROI identifies $1,269,000 which could be provided from the District and which is programmed for construction in FY 94/95. The estimated total cost of the project is $5,000,000.

Colorado Avenue System - This facility consists of a stormdrain located in Colorado Avenue approximately 1300 feet south of Charleston from the Las Vegas Wash to I-515. Design is programmed at $900,000 in FY 03/04.

The Central Basin and Gowan Planning Areas (Las Vegas) of the 10-Year Construction Program total $37.9 million.

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 (nearing completion)
- Camino Al Norte Crossing of the Western Tributary of the Las Vegas Wash (first developer participation contract with the District)
- Gowan Outfall project from Decatur Boulevard to the Western Tributary of the Las Vegas Wash
- Upper Las Vegas Wash Detention Basin and Diversion Dike project (located on the Las Vegas Wash at the upstream area of the Las Vegas Valley)
- Kyle Canyon Detention Basin (construction underway)
- Phase 1 Confluence Detention Basin - NAFB Golf Course Channel (Nearing Completion)
- Sloan Channel (Range Wash) Stewart to Owens (Start Construction This Summer)

District funds since 1987 for the projects plus design efforts on future projects total approximately $57,220,000.

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

Sloan Channel (Range Wash) Improvements - The Sloan Channel Improvement project extends from the Las Vegas Wash northerly to Stewart Avenue. Design has already been funded and construction funding is programmed in FY 02/03. The total amount programmed for this flood control facility is approximately $6.0 million.

Western Tributary of the Range Wash - This project is consists of channel improvements to the western tributary of the Range Wash (Sloan Channel) from Nellis AFB to the Union Pacific Railroad (UPRR) located upstream of Las Vegas Boulevard. Design of the reach below Las Vegas Boulevard is programmed in FY 94/95 with construction in the following year. Design of the reach from Las Vegas Boulevard to the UPRR is programmed in FY 99/00 with construction in the following year. The amount programmed for this flood control facility totals approximately $9.0 million.

Range Wash Confluence Detention Basin - This project involves construction of the detention basin served by the NAFB golf Course Channel. The project is located at the upstream end of the Sloan Channel (Range Wash). The project is identified for funding on the Bond List; therefore, no funding is programmed from Pay-As-You-Go funds. Design and right-of-way acquisition are nearly completed and construction is expected to begin within the next year.

Sunrise Mountain Detention Basin - This project includes four detention basins located east of the Range Wash (Sloan Channel) between Lake Mead Drive and Stewart Avenue. The design and right-of-way for these flood control facilities is programmed in FY 01/02. The total amount programmed is $940,000.

Lower Las Vegas Wash Detention Basin - This detention basin is located on the Western Tributary of the Las Vegas Wash near the intersection of Ann Road and Allen Lane. Engineering is programmed in FY 94/95 with construction scheduled in the

following year. The total amount programmed for this flood control facility is $4.0 million.

Las Vegas Wash - The improvements to the Las Vegas Wash between Lake Mead Drive and Camino Al Norte are included in the program. Design of the reach below Las Vegas Boulevard is programmed in FY 96/97 with construction in the following two years. Design of the reach above Las Vegas Boulevard is programmed in FY 01/02 with construction in the last two years of the program. The amount programmed for this flood control facility is approximately $12.0 million.

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 $31.8 million.

Clark County
Duck Creek/Blue Diamond Planning Area
Tropicana/Flamingo Planning Area

A summary of the proposed program, along with major accomplishments for Clark County 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:

Upper Flamingo Detention Basin and Outfall
Rawhide Channel System
Van Buskirk Channel System (the majority of system complete)
Winnick Avenue Improvements of the Flamingo Wash (under construction)
Tomiyasu and La Casita crossings of Duck Creek (currently under construction)
Flamingo Wash Bridges - Arville, Eastern, Paradise, Palos Verdes

District funding since 1987 for the projects plus design efforts of future projects total approximately $39,953,000.

The projects proposed on the 10-Year Construction Program include the following:

Corps of Engineer's (COE) Tropicana/Flamingo Project - The Program includes approximately $50,627,000 in the first eight years 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 primary connecting channel network.

Lower Duck Creek Detention Basin - This project is located south of the intersection of Pebble Road and Bermuda Road. The remaining $1.2 million for right-of-way acquisition funding is programmed in FY 94/95 in keeping with the Board's prioritization on April 14, 1994. Construction is programmed in the final year of the Program in the amount of $6.4 million and may be accelerated in the event

that COE funding is delayed. The total programmed for this detention basin is approximately $7.6 millon.

Van Buskirk Phase II - This project consists of a double 8' X 8' reinforced box stormdrain to the Flamingo wash from Hildebrand/Rochelle. Design is nearing completion and right-of-way is substantially acquired. This is in accordance with the Master Plan Amendment approved by the Board on November 15, 1993. Funds are programmed in FY 94/95 in the amount of $4.8 million to augment Bond funds allocated to construction of the Van Buskirk System.

The Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Areas (Clark County) of the 10-Year Construction Program total approximately $63,019,000.

Clark County Outlying Areas

Projects funded by the District in the Outlying Areas since 1987 include:

Cooper Crossing in Moapa Valley
Logan (Benson) Wash Improvements in Moapa Valley
Unnamed Wash Improvements in Laughlin (Nearing completion)
Searchlight (to begin construction this summer)

District funding for the projects plus the design of future projects total approximately $11,340,000.

The projects proposed on the 10-Year Construction Program for the Outlying Areas 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 95/96 in the amount of $500,000.

Bunkerville Improvements - This project as proposed, is a channel through the town. The Bunkerville Town Advisory Board has expressed a desire to have a detention basin and conveyance system in lieu of the proposed project. These concerns will be addressed in an upcoming Master Plan Update. The design has been previously funded and additional construction funding is proposed in FY 95/96 in the amount of $1,591,000.

Muddy River West Levee in Moapa Valley - This project consists of a levee system along the west side of the Muddy River in Moapa Valley. Design was funded in a previous fiscal year. FY 94/95 includes $1,800,000 for right-of-way and FY 97/98 and FY 98/99 includes $2,735,000 for construction funding.

Overton Wash Improvements in Moapa Valley - The project has a total of $2,036,000 programmed for design and construction in FY 97/98 through Fy 99/00.

Blue Diamond Improvements - This project includes a dike and modifications to an existing bridge in Blue Diamond. Design and construction are programmed in FY 99/00 in the amount of $250,000.

Bridge Canyon Floodway and Outfall in Laughlin - This project consists of a collection and diversion channel from the apex of the Bridge Canyon alluvial fan to the Colorado River. The Master Plan cost estimate for these flood control facilities is $9,250,000. The 10-Year Construction Program proposes design in FY 99/00 in the amount of $628,000 and construction funding is proposed from FY 00/01 through FY 03/04 in the amount of $7,557,000. The construction funding programmed is less than the Master Plan estimated costs for this flood control facility. This project, due to its size and complexity, may require that funding be expedited in the latter years of the 10-Year Construction Program.

Hiko Springs Detention Basin in Laughlin - Funding in the amount of $1,000,000 is programmed in FY 94/95. This funding is provided by the Board approved Resolution Of Intent and is contingent upon the availability of unexpended portions of the funding for the Unnamed Wash Improvements. Any unexpended funds toward the developer funded Hiko Springs project.

Indian Springs Improvements - The project includes two diversion dikes and a bridge to provide flood control to Indian Springs. The design is programmed in FY 00/01 in the amount of $90,000.

The Outlying Area of the 10-Year Construction Program totals approximately $18,187,000.

Boulder City

Projects completed since 1987 include:

Buchanan Boulevard Channel
Georgia Avenue Channel
Hemenway Wash Improvements

These projects total approximately $6,687,000 in District funding. The Hemenway Wash Improvements project cost was $5,516,000. In order to complete this sizable project in a timely manner, the funding was expedited. Due to the expedited funding for projects in Boulder City, along with the percentage of Phase 1 Flood Control Facilities, no additional projects are proposed on the 10-Year Construction Program.

Mesquite

The Town Wash Detention Basin was funded by the District in previous years. This project totalled 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 Phase 1 Flood Control Facilities, no additional projects are proposed on the 10-Year Construction Program.

FY 94/95 Project List:

The first year of the 10-Year Construction Program comprises the recommended FY 94/95 Project List. The project list totals $32,033,000 and is funded from the estimated 1/4% sales tax revenue, a carry over amount from the previous fiscal year and funds remaining from the Unnamed Wash project and several Gowan area projects in keeping with resolutions (94-1 and 94-3) approved by the Board. Projected revenue for the first year is $21,028,000. As a result, the first year appears to be over-programmed by approximately $11,000,000. This is due to programming projects already prioritized for funds yet to be accrued and also programming for projects that are close to qualifying to request construction funding. Programming the first year in this manner avoids having to amend the project list once the latter group of projects meets the requirements to request construction funding. Projects not funded this year will be put on subsequent year one priority lists during annual review of the 10-Year Construction program. The proposed FY 94/95 Project List is as follows:

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

Equestrian Drive Detention Basin: Construction in the amount of $4,302,000

Total First Year: $4,302,000

Las Vegas (Central Basin and Gowan Planning Areas):

Lone Mountain Detention Basin - Phase 1: Construction in the amount of $1,269,000 applied toward developer funds in accordance with the conditions of the Resolution of Intent approved by the Board on April 14, 1994.

Angel Park Detention Basin Expansion: $100,000 is programmed to expedite the expansion of the storage.

Washington Avenue System: $5,384,000 is programmed for construction of the project as prioritized by the Board on January 13, 1994.

Washington Avenue - Reach 4 (24th Street to F Street): $600,000 programmed for design.

Oakey Detention Basin and Collection System Phase II: $1,513,000 is programmed to complete the collection system

Freeway Channel North: $70,000 programmed for design.

Total First Year: $8,936,000

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

West Tributary Channel Detention Basin to Las Vegas Boulevard: $300,000 programmed for design and right-of-way.

Lower Las Vegas Wash Detention Basin: $800,000 programmed for design and right-of-way.

Total First Year: $1,100,000

Clark County (Duck Creek/Blue Diamond and Tropicana/Flamingo Planning Area):

Lower Duck Creek: right-of-way funding in the amount of $1,200,000 is programmed as prioritized by the Board on April 14, 1994.

Van Buskirk Phase II: $4,774,000 is programmed for construction to augment Bond funds assigned to the Van Buskirk System.

Corps of Engineer's Tropicana/Flamingo Project: $8,921,000 is programmed to meet the forecasted demands for local share for the project.

Total First Year: $14,895,000

Outlying Areas:

Muddy River West Levee: right-of-way acquisition is programmed in the amount of $1,800,000 for this project in the Moapa Valley.

Hiko Springs Detention Basin: $1,000,000 programmed in accordance with the conditions of the Resolution of Intent approved by the Board on February 10, 1994.

Total First Year: $2,800,000

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EXHIBIT A

Exhibit A

PHASE 1 CONSTRUCTION PROGRAM

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Entity	Planning Area	Phase 1 Costs	Percent of Phase 1
Henderson :			
	C-1 Channel Planning Area (a)	$27,000,000	
	Pittman Wash Planning Area (c)	$37,188,000	
	Total	$64,188,000	16.3%
Las Vegas (Central Las Vegas Valley) :			
	Central Basin Planning Area (b)	$53,560,000	
	Gowan Planning Area (a)	$45,720,000	
	Total	$99,280,000	25.3%
North Las Vegas (Northern Las Vegas Valley) :			
	Nothern Las Vegas Wash Planning Area (a)	$52,740,000	
	Range Wash Planning Area (a)	$28,560,000	
	Lower Las Vegas Wash Planning Area (a)	$12,440,000	
	Total	$93,740,000	23.9%
Clark County (Southwest Las Vegas Valley) :			
	Duck Cr/Blue Diamond Planning Area (a)	$33,000,000	
	Flamingo/Tropicana Planning Area (a)	$57,440,000	
	Total	$90,440,000	23.0%
Clark County (Outlying Area) :			
	Outlying Planning Area (f)	$39,083,000	
	Total	$39,083,000	9.9%
Boulder City :			
	Boulder City Planning Area (d)	$4,220,000	
	Total	$4,220,000	1.1%
Mesquite :			
	Mesquite Planning Area (e)	$2,040,000	
	Total	$2,040,000	0.5%
	TOTAL	$392,991,000	100.0%

Notes:

(a) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM

(b) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM modified by City of Las Vegas

(c) - Phase 1 Construction Program from "The Master Plan Update of the Las Vegas Valley," dated August 1991, by JMM modified by City of Henderson

(d) - Phase 1 Construction Program from "Boulder City Flood Control Master Plan ," dated July 1990, by Coe and Van Loo

(e) - Phase 1 Construction Program from "City of Mesquite Flood Control Master Plan Update," dated October 1991, by CH2M Hill

(f) - Phase 1 Construction Program totals $39,083,000 for the Outlying Areas from the following sources :
$5,310,000 - from "Flood Control Master Plan, Moapa Valley, Nevada," dated December 1988, by The Mark Group
$1,863,000 - from "Flood Control Master Plan, Bunkerville, Nevada," dated May 1990, by The Mark Group
$19,800,000 - from "Hiko Springs and Unnamed Wash, Laughlin - Big Bend Area," dated May 1989, by Boyle
$9,640,000 - from "Bridge Canyon Wash Flood Control Master Plan," dated September 1990, by Coe and Van Loo
$2,470,000 - from "Master Plan Update , Outlying Areas," dated September 1991, by G.C. Wallace, the following :

Blue Diamond : $169,881
Goodsprings : $352,737
Indian springs : $594,700
Nelson : $193,810
Searchlight : $405,807
Stateline : $750,892

EXHIBIT B

Project Prioritization (Changes and Additions)

Exhibit B

file:n:\10year\fy94_95\1prior.xls

Facility Description	Planning Area	Project Cost	Pop. val (5.0)	Land val (4.5)	Public val (4.0)	Access val (3.5)	Avoid. val (3.0)	Funding val (2.5)	Relation. val (2.0)	Implem. val (1.5)	Environ. val (1.0)	Mainten. val (0.5)	TOTAL val
HENDERSON :													
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	2 10.0	4 18.0	4 16.0	4 14.0	4 12.0	3 7.5	4 8.0	3 4.5	1 1.0	3 1.5	32 92.5
Southwest C-1 Detention Basin (ROW acq.)	C-1 Ch.	$15,000	3 15.0	4 18.0	4 16.0	3 10.5	4 12.0	3 7.5	4 7.0	3 4.5	2 2.0	1 0.5	31 93.0
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	3 15.0	3 13.5	4 16.0	2 7.0	2 6.0	1 2.5	4 8.0	4 6.0	4 4.0	4 2.0	31 80.0
Pittman Park Detention Basin	Pittman	$565,000	2 10.0	3 13.5	3 12.0	4 14.0	3 9.0	4 10.0	5 10.0	5 7.5	3 3.0	3 1.5	35 90.5
Duck Creek Channel, Sunset to Newport Village	Duck Creek	$560,300	3 15.0	3 13.5	4 16.0	3 10.5	2 6.0	1 2.5	3 6.0	3 4.5	4 4.0	5 2.5	31 80.5
East Detention Basin (incl. ROW)	C-1 Ch.	$1,630,000	2 10.0	3 13.5	3 12.0	4 14.0	3 9.0	1 2.5	2 3.0	4 6.0	3 3.0	3 1.5	28 74.5
LAS VEGAS (Central Las Vegas Valley) :													
I-15 Freeway Channel (Sahara Avenue to Charleston)	Gowan	$1,492,000	4 20.0	3 13.5	5 20.0	5 17.5	2 6.0	2 5.0	2 4.0	3 4.5	1 1.0	4 2.0	31 93.5
Lone Mountain Detention Basin	Central	$5,000,000	3 15.0	4 18.0	4 16.0	5 17.5	5 15.0	5 12.5	4 8.0	4 6.0	2 2.0	3 1.5	39 111.5
NORTH LAS VEGAS (Northern Las Vegas Valley) :													
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	4 20.0	4 18.0	3 12.0	4 14.0	4 12.0	3 7.5	4 8.0	4 6.0	2 2.0	3 1.5	35 101.0
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	4 10.0	4 8.0	4 6.0	2 2.0	3 1.5	97.0
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	3 1.5	33 93.0
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	4 20.0	4 18.0	3 12.0	3 10.5	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	3 1.5	33 93.0
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	3 15.0	3 13.5	4 16.0	4 14.0	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	2 1.0	32 90.5
West Tributary Channel (Las Vegas Blvd - UPRR)	Range	$4,270,000	3 15.0	3 13.5	4 16.0	4 14.0	3 9.0	2 5.0	4 8.0	4 6.0	3 3.0	2 1.0	32 90.5
A Channel (Las Vegas Blvd - Camino AL Norte)	N. LV Wash	$8,360,000	3 15.0	3 13.5	3 12.0	3 10.5	4 12.0	4 10.0	3 6.0	3 4.5	2 2.0	3 1.5	31 87.0

Notes: Pop. - Population Affected
Land - Assessed Land Value Impacted
Public - Public Perception of Need
Access - Emergency Access & Public Inconvenience
Avoid. - Cost Avoidance
Funding - Availability of Other Funding Sources
Relation. - Interrelationship to Other Projects
Implem. - Timing & Implementation
Environ. - Environmental Enhancement
Mainten. - Annual Maintenance Cost
val (no.) - Value from 1 to 5 and factor applied to value

The relative priority of Master Plan projects will be assessed annually during review and development of the Fiscal Year Project List and the Ten-Year Program. Any entity may request at any time that a project be placed on the Fiscal Year List or the Ten-Year Program. Any request for a project must include all necessary data to allow the Technical Advisory Committee and District staff to evaluate the project in terms of the following criteria:

a) Population Affected

Refers to the existing population affected by the construction of the project considered. Impact includes reducing flood hazards.

b) Assessed Land Value Impacted

Assessed land values for developed and undeveloped land affected by the project, including all structures (public, commercial, or residential) will be reviewed. Impact on land values related to a reduction of the floodplain area will be considered under this item.

c) Public Perception of Need

The project will be evaluated in terms of satisfying the public's desire to see their money spent on "worthwhile" projects and the public's perception of need.

d) Emergency Access and Public Inconvenience

The project will be evaluated to determine its impact on the access of emergency vehicles including police, ambulance, and fire vehicles to their respective substation, hospital or station. The evaluation will include an assessment of the project's contribution to the development of an all-weather transportation system and accessibility to flood isolated residences, businesses, and public facilities.

e) Cost Avoidance

Cost avoidance includes projects which will reduce future costs, including potential damage, construction of oversized facilities, and the ability to construct. This item should also address other costs associated with lost opportunity and the risk associated with inadequate or undersized facilities.

f) Availability of Other Funding Sources

This includes an evaluation of the potential for funds from grants, developers, the Corps of Engineers, and other public and private interests. Additional funding sources shall include but are not limited to land donated by private developers and the Bureau of Land Management.

g) Interrelationship to Other Projects

Projects which score high on this criterion can function independently or are needed to complete or increase the effectiveness of the existing regional and local drainage system.

h) Timing and Implementation

All aspects of timing and implementation should be considered under this item including availability of right-of-way, permit review if necessary, and ability to administer and begin a project in a reasonable time-frame.

i) Environmental Enhancement

Evaluation of this criterion includes benefits derived from improving or mitigating the threat to public health resulting from stagnant water, erosion, raw sewage spills, and contamination of the domestic water supply. It also includes, if applicable, information on the project's enhancement of habitat, recreational opportunities, and water quality.

j) Annual Maintenance Cost

Projects which will rank high on this criterion have a lower maintenance cost than those facilities now in existence or will reduce maintenance costs downstream.

EXHIBIT C

Exhibit C

POSSIBLE IMPACTS TO THE
10-YEAR CONSTRUCTION PROGRAM
DUE TO PARTICIPATION WITH THE CORPS OF ENGINEERS
ON THE TROPICANA/FLAMINGO PROJECT

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Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 94/95 (Year 1) Design /ROW	FY 94/95 (Year 1) Const.	FY 95/96 (Year 2) Design /ROW	FY 95/96 (Year 2) Const.	FY 96/97 (Year 3) Design /ROW	FY 96/97 (Year 3) Const.	FY 97/98 (Year 4) Design /ROW	FY 97/98 (Year 4) Const.	FY 98/99 (Year 5) Design /ROW	FY 98/99 (Year 5) Const.
HENDERSON :														
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	92.5	Predesign funded									0.642	
Mission Hills Collection System West Diversion (incl. ROW)	C-1 Ch.	$6,120,000	93.5	Basin construction funded; collection system design funded						5.458				
Southwest C-1 Detention Basin (Black Mountain)	C-1 Ch.	$3,350,000	93.0						0.335			3.015		
Equestrian Dr Detention Basin & Collection System (incl. ROW)	C-1 Ch.	$4,780,000	103.0			4.302								
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	80.0	Lower reach design funded										
Pittman Park Detention Basin	Pittman	$5,850,000	90.5	Pittman Wash constructed from Park to Sunset; predesign completed										
Duck Creek Channel - Sunset to Newport Village	Duck Creek	$561,300	80.5											
East C-1 Detention Basin	C-1 Ch.	$1,630,000	74.5											
Totals per Fiscal Year (x $1,000,000)						4.302		0.000		5.793		3.015		0.642
Henderson 10-Year Total :		$27,520,000												

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Exhibit C

POSSIBLE IMPACTS TO THE
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DUE TO PARTICIPATION WITH THE CORPS OF ENGINEERS
ON THE TROPICANA/FLAMINGO PROJECT

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Facility Description	Planning Area	Project Cost	Priority Value	FY 99/00 (Year 6) Design /ROW	FY 99/00 (Year 6) Const.	FY 00/01 (Year 7) Design /ROW	FY 00/01 (Year 7) Const.	FY 01/02 (Year 8) Design /ROW	FY 01/02 (Year 8) Const.	FY 02/03 (Year 9) Design /ROW	FY 02/03 (Year 9) Const.	FY 03/04 (Year 10) Design /ROW	FY 03/04 (Year 10) Const.
HENDERSON :													
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	92.5		5.778								
Mission Hills Collection System West Diversion (incl. ROW)	C-1 Ch.	$6,120,000	93.5										
Southwest C-1 Detention Basin (Black Mountain)	C-1 Ch.	$3,350,000	93.0										
Equestrian Dr Detention Basin & Collection System (incl. ROW)	C-1 Ch.	$4,780,000	103.0										
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	80.0							0.523			4.707
Pittman Park Detention Basin	Pittman	$5,850,000	90.5			0.057			0.513				
Duck Creek Channel - Sunset to Newport Village	Duck Creek	$561,300	80.5			0.056			0.504				
East C-1 Detention Basin	C-1 Ch.	$1,630,000	74.5									0.163	1.467
Totals per Fiscal Year (x $1,000,000)					5.778		0.113		1.017		0.523		6.337
Henderson 10-Year Total :		$27,520,000											

Date 5/25/94 Time PM

Exh C

POSSIBLE IMPACTS TO THE
10-YEAR CONSTRUCTION PROGRAM
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Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 94/95 (Year 1) Design /ROW	FY 94/95 (Year 1) Const.	FY 95/96 (Year 2) Design /ROW	FY 95/96 (Year 2) Const.	FY 96/97 (Year 3) Design /ROW	FY 96/97 (Year 3) Const.	FY 97/98 (Year 4) Design /ROW	FY 97/98 (Year 4) Const.	FY 98/99 (Year 5) Design /ROW	FY 98/99 (Year 5) Const.
LAS VEGAS (Central Las Vegas Valley) :														
Lone Mountain Detention Basin Phase 1	Gowan	$5,000,000	111.5	Funded by ROI Brd Action 4/14/94		1.269								
Oakey Detention Basin and Collection System - Phase 2	Central	$8,114,000	101.0	Prioritized for funding by Brd. Action 3/10/94		1.513								
Angel Park Detention Basin Expansion	Gowan	$100,000	100.5			0.100								
Washington Avenue Channel - Lena to Eastern Reach 3	Central	$5,385,000	99.0	Prioritized for funding by Brd. Action 1/13/94	(d)	5.384								
Washington Ave. Channel-Upper Reach 4 (24th - FSt.)	Central	$10,798,000	98.5	Right-of-way funded	0.600			0.676		2.038		2.471		
Freeway Conveyance South LV Cr. to Charleston	Central	$7,223,000	98.5										0.500	
Freeway Channel South - Charleston to Sahara	Central	$1,492,000	93.5	Sahara to Ivanhoe Constructed with NDOT										
Owens Avenue System (Rancho to I-15)	Central	$3,005,000	95.5	Funded with RTC					0.080			2.926		
Gowan North Channel - North Detention Basin to Lone Mnt Rd.	Gowan	$4,707,000	87.5	Predesign funded			0.400			0.728				1.906
Gowan North Channel - Lone Mtn. Rd. to CAM-10 Det. Basin	Gowan	$600,000	87.5	Predesign funded										
Lone Mountain System Outfall to Durango	Gowan	$125,000	76.5											
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5		0.070			0.700						
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	90.0											
Totals per Fiscal Year (x $1,000,000)						8.936		1.776		2.846		5.397		2.406
Las Vegas 10-Year Total :		$37,887,000				+19%		+16%		+12%				

5yr TTL = 21.36

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Exhibit C

POSSIBLE IMPACTS TO THE
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ON THE TROPICANA/FLAMINGO PROJECT

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Facility Description	Planning Area	Project Cost	Priority Value	FY 99/00 (Year 6) Design /ROW	FY 99/00 (Year 6) Const.	FY 00/01 (Year 7) Design /ROW	FY 00/01 (Year 7) Const.	FY 01/02 (Year 8) Design /ROW	FY 01/02 (Year 8) Const.	FY 02/03 (Year 9) Design /ROW	FY 02/03 (Year 9) Const.	FY 03/04 (Year 10) Design /ROW	FY 03/04 (Year 10) Const.
LAS VEGAS (Central Las Vegas Valley) :													
Lone Mountain Detention Basin Phase 1	Gowan	$5,000,000	111.5										
Oakey Detention Basin and Collection System - Phase 2	Central	$8,114,000	101.0										
Angel Park Detention Basin *Expansion*	Gowan	$100,000	100.5										
Washington Avenue Channel - Lena to Eastern Reach 3	Central	$5,385,000	99.0										
Washington Ave. Channel-Upper Reach 4 (24th - FSt.)	Central	$10,798,000	98.5		2.707		2.306						
Freeway Conveyance South LV Cr. to Charleston	Central	$7,223,000	98.5						4.331		2.392		
Freeway Channel South - Charleston to Sahara	Central	$1,492,000	93.5							0.200			1.292
Owens Avenue System (Rancho to I-15)	Central	$3,005,000	95.5										
Gowan North Channel - North Detention Basin to Lone Mnt Rd.	Gowan	$4,707,000	87.5				0.650						1.023
Gowan North Channel - Lone Mtn. Rd. to CAM-10 Det. Basin	Gowan	$600,000	87.5									0.600	
Lone Mountain System Outfall to Durango	Gowan	$125,000	76.5									0.125	
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5										
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	90.0									0.900	
Totals per Fiscal Year (x $1,000,000)					2.707		2.956		4.331		2.592		3.940
Las Vegas 10-Year Total :		$37,887,000											

POSSIBLE IMPACTS TO THE
10-YEAR CONSTRUCTION PROGRAM
DUE TO PARTICIPATION WITH THE CORPS OF ENGINEERS
ON THE TROPICANA/FLAMINGO PROJECT

file n:\10year\FY94_95\10yr_1.xls

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 94/95 (Year 1) Design /ROW	FY 94/95 (Year 1) Const.	FY 95/96 (Year 2) Design /ROW	FY 95/96 (Year 2) Const.	FY 96/97 (Year 3) Design /ROW	FY 96/97 (Year 3) Const.	FY 97/98 (Year 4) Design /ROW	FY 97/98 (Year 4) Const.	FY 98/99 (Year 5) Design /ROW	FY 98/99 (Year 5) Const.
NORTH LAS VEGAS (Northern Las Vegas Valley) :														
Confluence Detention Basin (incl. ROW)	Range	$7,720,000	119.0	Design funded; construction on Bond List										
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	101.0	Predesign funded										
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	98.0		0.300		0.500			2.890		1.300		
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	95.0		0.800			3.170						
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	90.0											
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	90.0						0.500			2.605		2.605
West Tributary Channel (LV Blvd. - UPRR)	Range	$4,270,000	90.0											
A Channel (LV Blvd - Camino Al Norte)	N. LV Wash	$8,360,000	87.0	Camino Al Norte crossing completed										
Totals per Fiscal Year (x $1,000,000)						1.100		3.670		3.390		3.905		2.605
North Las Vegas 10-Year Total :		$31,840,000												

Exhibit C

POSSIBLE IMPACTS TO THE
10-YEAR CONSTRUCTION PROGRAM
DUE TO PARTICIPATION WITH THE CORPS OF ENGINEERS
ON THE TROPICANA/FLAMINGO PROJECT

file n:\10year\FY94_95\10yr_1.xls

Facility Description	Planning Area	Project Cost	Priority Value	FY 99/00 (Year 6) Design /ROW	FY 99/00 (Year 6) Const.	FY 00/01 (Year 7) Design /ROW	FY 00/01 (Year 7) Const.	FY 01/02 (Year 8) Design /ROW	FY 01/02 (Year 8) Const.	FY 02/03 (Year 9) Design /ROW	FY 02/03 (Year 9) Const.	FY 03/04 (Year 10) Design /ROW	FY 03/04 (Year 10) Const.
NORTH LAS VEGAS (Northern Las Vegas Valley) :													
Confluence Detention Basin (incl. ROW)	Range	$7,720,000	119.0										
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	101.0								6.000		
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	98.0										
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	95.0										
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	90.0					0.940					
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	90.0										
West Tributary Channel (LV Blvd. - UPRR)	Range	$4,270,000	90.0	0.800			3.170						
A Channel (LV Blvd - Camino Al Norte)	N. LV Wash	$8,360,000	87.0					0.780			2.740		2.740
Totals per Fiscal Year (x $1,000,000)					0.800		3.170		1.720		8.740		2.740
North Las Vegas 10-Year Total :		$31,840,000											

POSSIBLE IMPACTS TO THE
10-YEAR CONSTRUCTION PROGRAM
DUE TO PARTICIPATION WITH THE CORPS OF ENGINEERS
ON THE TROPICANA/FLAMINGO PROJECT

file n:\10year\FY94_95\10yr_1.xls

					FY 94/95 (Year 1)		FY 95/96 (Year 2)		FY 96/97 (Year 3)		FY 97/98 (Year 4)		FY 98/99 (Year 5)	
Facility Description	Planning *Area*	Project Cost	Priority Value	Notes	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.
CLARK COUNTY (Southwest Las Vegas Valley) :														
Lower Duck Creek Detention Basin (incl. ROW)	Duck/Blue Dia.	$8,000,000	117.0	$1.2 Prioritized for funding by Brd. Action 4/14/94		1.200								
Van Buskirk - II Ammended Outfall to Flamingo Wash	Flam./Trop.	$3,060,000	106.0	Does not include $3.396M from Bond Fund		4.774								
Corps of Engineer's Tropicana/ Flamingo Project	Flam./Trop.	$3,050,000				8.921		7.239		6.418		6.340		11.325
Totals per Fiscal Year (x $1,000,000)						14.895		7.239		6.418		6.340		11.325
Clark County (SWLVV) 10-Year Total :		$63,018,778												

Exhibit C

POSSIBLE IMPACTS TO THE
10-YEAR CONSTRUCTION PROGRAM
DUE TO PARTICIPATION WITH THE CORPS OF ENGINEERS
ON THE TROPICANA/FLAMINGO PROJECT

file n:\10year\FY94_95\10yr_1.xls

Facility Description	Planning Area	Project Cost	Priority Value	FY 99/00 (Year 6) Design /ROW	FY 99/00 (Year 6) Const.	FY 00/01 (Year 7) Design /ROW	FY 00/01 (Year 7) Const.	FY 01/02 (Year 8) Design /ROW	FY 01/02 (Year 8) Const.	FY 02/03 (Year 9) Design /ROW	FY 02/03 (Year 9) Const.	FY 03/04 (Year 10) Design /ROW	FY 03/04 (Year 10) Const.
CLARK COUNTY (Southwest Las Vegas Valley) :													
Lower Duck Creek Detention Basin (incl. ROW)	Duck/Blue Dia.	$8,000,000	117.0							See Note Below			6.418
Van Buskirk - II Ammended Outfall to Flamingo Wash	Flam./Trop.	$3,060,000	106.0										
Corps of Engineer's Tropicana/ Flamingo Project	Flam./Trop.	$3,050,000			8.599		1.786						
Totals per Fiscal Year (x $1,000,000)					8.599		1.786		0.000		0.000		6.418
Clark County (SWLVV) 10-Year Total :		$63,018,778		Note: Duck Creek Constr. Funding provided in FY 03/04 will be accellerated in the event that COE funds are delayed.									

POSSIBLE IMPACTS TO THE
10-YEAR CONSTRUCTION PROGRAM
DUE TO PARTICIPATION WITH THE CORPS OF ENGINEERS
ON THE TROPICANA/FLAMINGO PROJECT

Exhibit C

file n:\10year\FY94_95\10yr_1.xls

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 94/95 (Year 1) Design /ROW	FY 94/95 (Year 1) Const.	FY 95/96 (Year 2) Design /ROW	FY 95/96 (Year 2) Const.	FY 96/97 (Year 3) Design /ROW	FY 96/97 (Year 3) Const.	FY 97/98 (Year 4) Design /ROW	FY 97/98 (Year 4) Const.	FY 98/99 (Year 5) Design /ROW	FY 98/99 (Year 5) Const.
CLARK COUNTY (Outlying Areas) :														
Hiko Springs Det. Basin	Laughlin			ROI by Brd Action 2/10/94 Unnamed		1.000								
Goodsprings - Phase 1 Improvements	Goodsprings	$352,700	•	Design funded				0.500						
Searchlight - Eastern Portion Improvements	Searchlight	$405,800	•	Design funded										
Bunkerville	Bunkerville	$1,297,000	•	Design funded				1.591						
West Levee - Muddy River	Moapa Valley	$4,029,000	•	Design Funded	1.800							2.480		0.255
Overton Wash	Moapa Valley	$2,036,000	•								0.300			1.136
Blue Diamond	Blue Diamond	$170,000	•											
Bridge Canyon - Floodway/Outfall	Laughlin	$9,250,000	•											
Indian Springs	Indian Springs	$594,700	•											
Totals per Fiscal Year (x $1,000,000)						2.800		2.091		0.000		2.780		1.391
Clark County (Outlying) 10-Year Total :		$18,187,000												
Program Total per Fiscal Year (x $1,000,000)						32.033		14.776		18.447		21.437		18.369
(d) Projected Revenue Per Fiscal Year (x $1,000,000)					(a)	21.028	(b)	16.451	(b)	17.007	(b)	17.557	(b)	18.105
Remaining Revenue Per Fiscal Year (x$1,000,000)						-11.004		1.676		-1.440		-3.880		-0.264
10-Year Total 94/95 thru 03/04 :		$178,452,778												
10-Year Projected Revenue:		$188,656,098												

(a) Includes $2.2 from 93/94 projected revenue; $1.0 from Unnamed ROI; $1.269 Ln. Mtn. ROI; COE Set Aside and PAYG Revenues
(b) Includes COE Set Aside and PAYG Revenues
(c) Includes PAYG Revenues
(d) Sales tax revenue projected based on 3.0% increase per year from FY 93/94

Date 5/25/94 Time 3:12 PM

POSSIBLE IMPACTS TO THE
10-YEAR CONSTRUCTION PROGRAM
DUE TO PARTICIPATION WITH THE CORPS OF ENGINEERS
ON THE TROPICANA/FLAMINGO PROJECT

Exhibit C

file n:\10year\FY94_95\10yr_1.xls

Facility Description	Planning Area	Project Cost	Priority Value	FY 99/00 (Year 6) Design /ROW	FY 99/00 (Year 6) Const.	FY 00/01 (Year 7) Design /ROW	FY 00/01 (Year 7) Const.	FY 01/02 (Year 8) Design /ROW	FY 01/02 (Year 8) Const.	FY 02/03 (Year 9) Design /ROW	FY 02/03 (Year 9) Const.	FY 03/04 (Year 10) Design /ROW	FY 03/04 (Year 10) Const.
CLARK COUNTY (Outlying Areas) :													
Hiko Springs Det. Basin	Laughlin												
Goodsprings - Phase 1 Improvements	Goodsprings	$352,700	*										
Searchlight - Eastern Portion Improvements	Searchlight	$405,800	*										
Bunkerville	Bunkerville	$1,297,000	*										
West Levee - Muddy River	Moapa Valley	$4,029,000	*										
Overton Wash	Moapa Valley	$2,036,000	*		0.600								
Blue Diamond	Blue Diamond	$170,000	*	0.038	0.212								
Bridge Canyon - Floodway/Outfall	Laughlin	$9,250,000	*	0.628			1.420		3.037		1.500		1.600
Indian Springs	Indian Springs	$594,700	*			0.090							
Totals per Fiscal Year (x $1,000,000)					1.478		1.510		3.037		1.500		1.600
Clark County (Outlying) 10-Year Total :		$18,187,000											
Program Total per Fiscal Year (x $1,000,000)					19.362		9.535		10.105		13.355		21.035
(d) Projected Revenue Per Fiscal Year (x $1,000,000)				(b)	18.650	(b)	19.189	(c)	19.713	(c)	20.229	(c)	20.727
Remaining Revenue Per Fiscal Year (x$1,000,000)					-0.712		9.654		9.608		6.874		-0.308
10-Year Total 94/95 thru 03/04 :		$178,452,778											
10-Year Projected Revenue:		$188,656,098											

(a) Includes $2.2 from 93/94 projected revenue; $1.0 from Unnamed ROI; $1.269 L
(b) Includes COE Set Aside and PAYG Revenues
(c) Includes PAYG Revenues
(d) Sales tax revenue projected based on 3.0% increase per year from FY 93/94

Date 5/25/94 Time PM

EXHIBIT D

Exhibit D

PHASE 1 CONSTRUCTION PROGRAM
Summary of Funding

file:n:\10-year\fy94_95\funsum94.xls

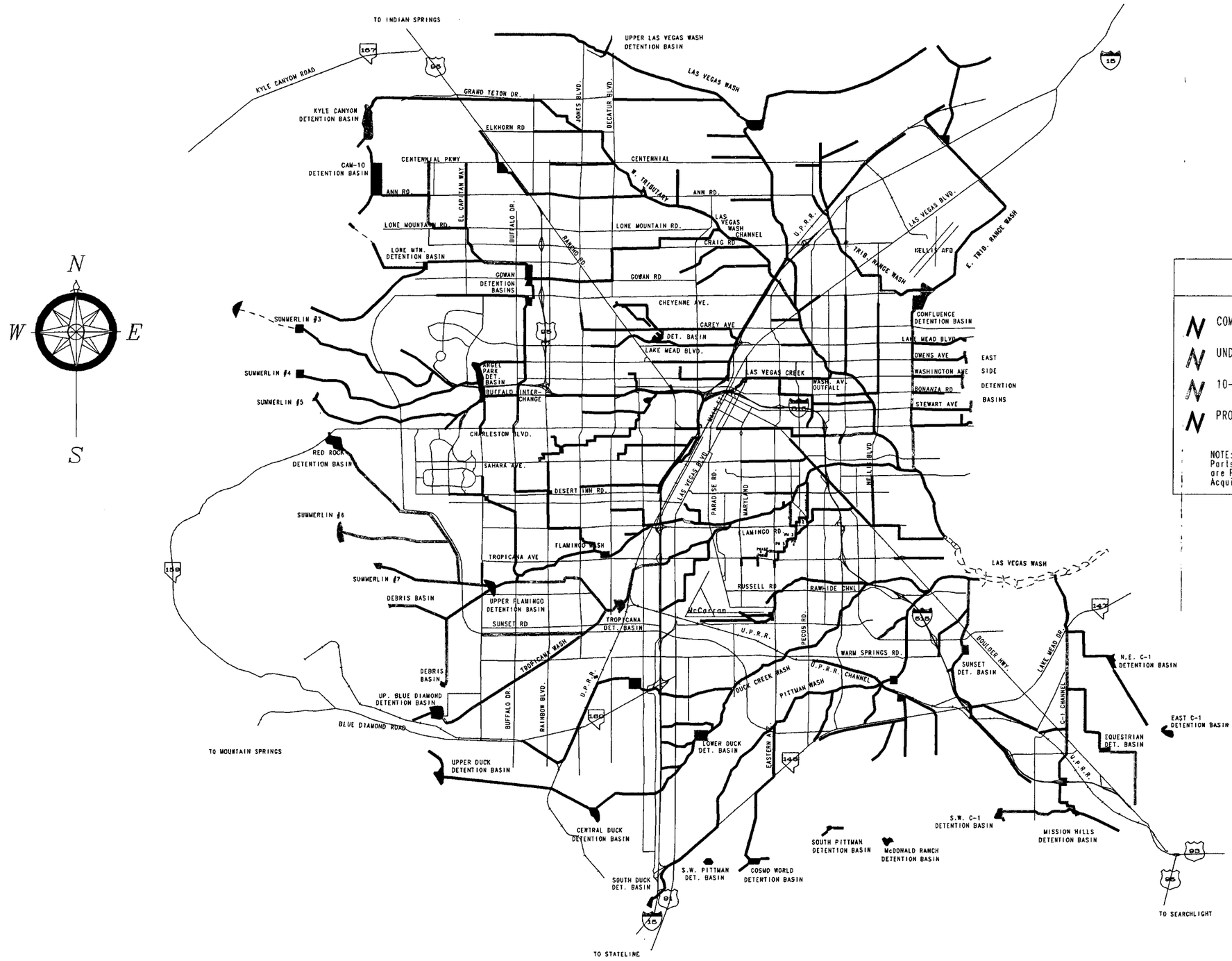
Planning Area/Entity	Percent of Phase 1	*Current Funding* Funding * Contracts	*Current Funding* Percent of Funding	Funds Remaining on Bond List	Total Funding Programmed and Committed	Funding Proposed on 10-Year Program	Estimated Total Through FY 03/04	Percent of Total	Percent of Total Over (Under) Programmed Amount
Henderson :	16.3%	$24,632,557	12.4%	$5,649	$24,638,206	$27,520,000	$52,158,206	13.6%	(2.7%) ($10,477,341)
Las Vegas (Central Las Vegas Valley) :	25.3%	$54,103,229	27.3%	$0	$54,103,229	$37,908,000 (a)	$92,011,229	24.0%	(1.3%) ($4,867,582)
Clark County (Southwest Las Vegas Valley) :	23.0%	$39,953,066	20.2%	$0	$39,953,066	$65,018,778 (b)	$104,971,844	27.4%	4.4% $16,719,229
North Las Vegas (Northern Las Vegas Valley) :	23.9%	$57,220,272	28.9%	$4,853,000	$62,073,272	$31,840,000	$93,913,272	24.5%	0.6% $2,440,471
Boulder City :	1.1%	$6,542,310	3.3%	$0	$6,542,310	$0	$6,542,310	1.7%	0.6% $2,424,375
Mesquite :	0.5%	$4,362,146	2.2%	$0	$4,362,146	$0	$4,362,146	1.1%	0.6% $2,371,486
Clark County (Outlying Area) :	9.9%	$11,340,100	5.7%	$0	$11,340,100	$18,187,000	$29,527,100	7.7%	(2.2%) ($8,610,637)
TOTAL	100.0%	$198,153,680	100.0%	$4,858,649	$203,012,329	$180,473,778	$383,486,107	100.0%	

(a) Includes $5,384,500 prioritized for Washington Lena to Eastern

(b) Includes $50,626,778 for COE Trop/Flamingo Project 94/95 thru 03/04

* Includeds Project Close Outs and Present Interlocal Contracts

LAS VEGAS VALLEY TEN-YEAR CONSTRUCTION PROGRAM



LEGEND

- COMPLETED
- UNDER CONSTRUCTION
- 10-YEAR PROGRAM
- PROPOSED

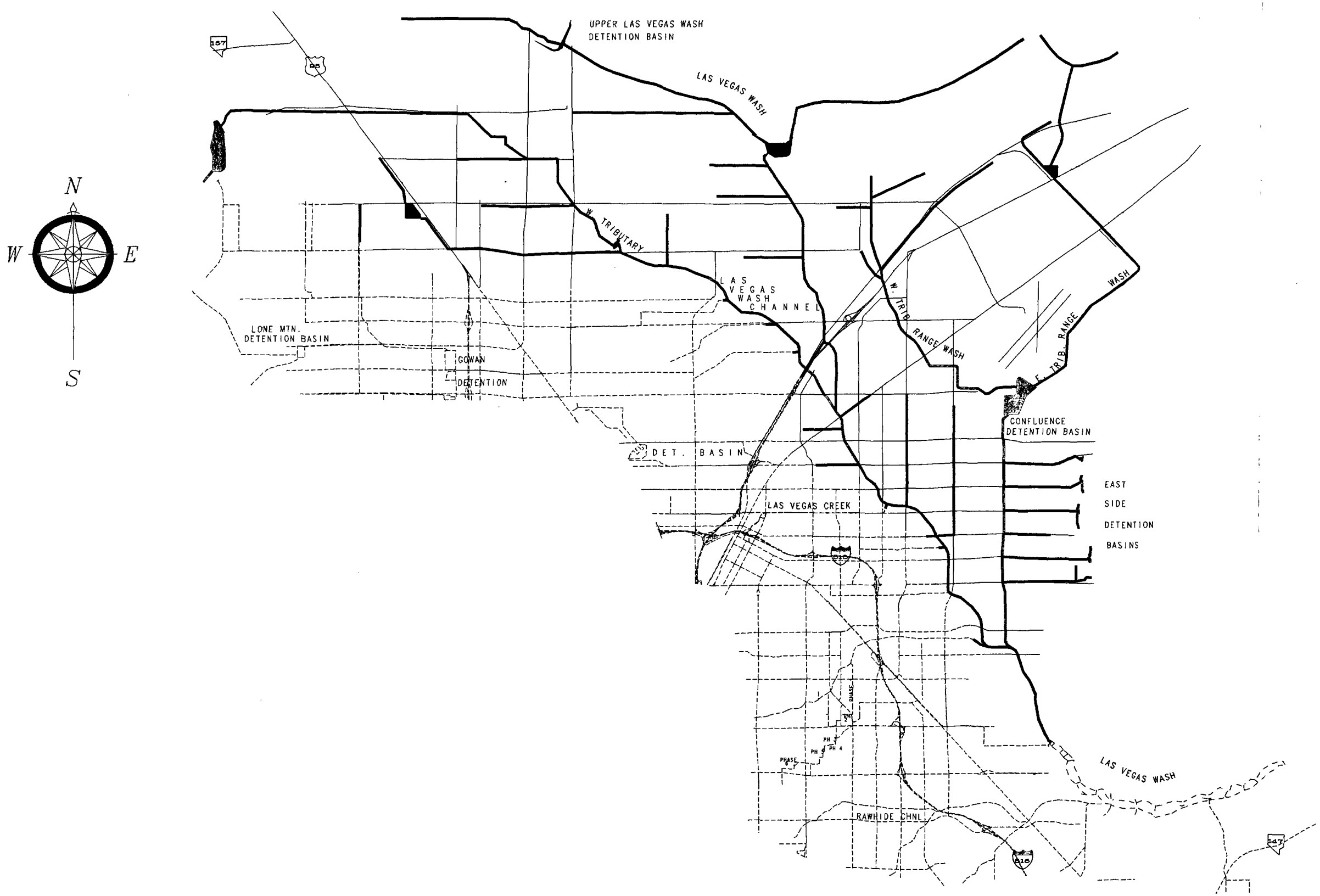
NOTE:
Parts of the 10-Year Facilities are Pre-design Studies or R-O-W Acquisiton.

June 1994

1:16956

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

NORTHERN LAS VEGAS, RANGE, AND LOWER LAS VEGAS WASH PLANNING AREAS



LEGEND

- COMPLETED
- UNDER CONSTRUCTION
- 10-YEAR PROGRAM
- PROPOSED

NOTE:
Parts of the 10-Year Facilities are Pre-design Studies or R-O-W Acquisiton.

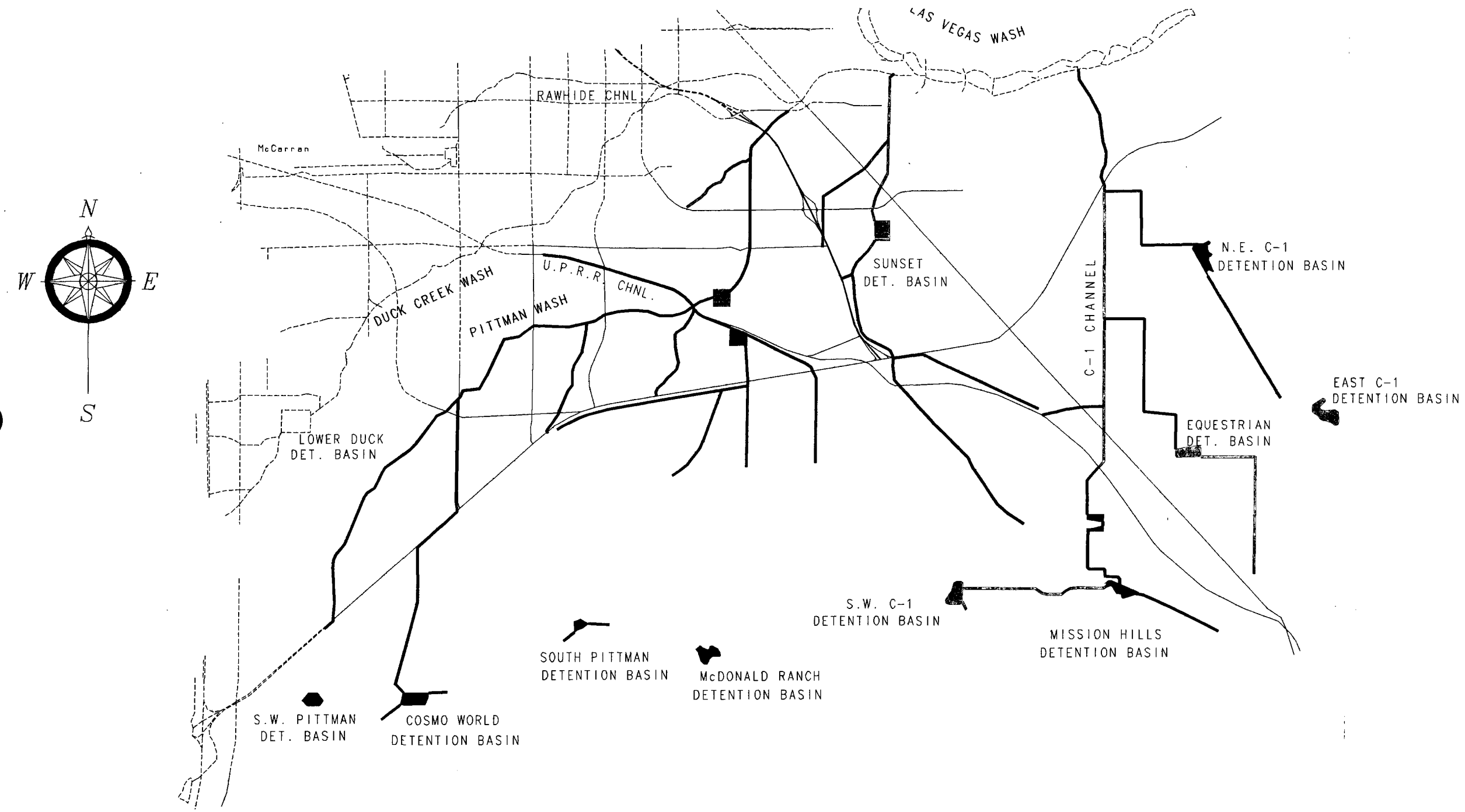
June 1994

1:11779

DASHED LINES ARE OUTSIDE OF THE PLANNING AREA

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

PITTMAN WASH AND C-1 CHANNEL PLANNING AREAS



LEGEND

- COMPLETED
- UNDER CONSTRUCTION
- 10-YEAR PROGRAM
- PROPOSED

NOTE:
Parts of the 10-Year Facilities are Pre-design Studies or R-O-W Acquisiton.

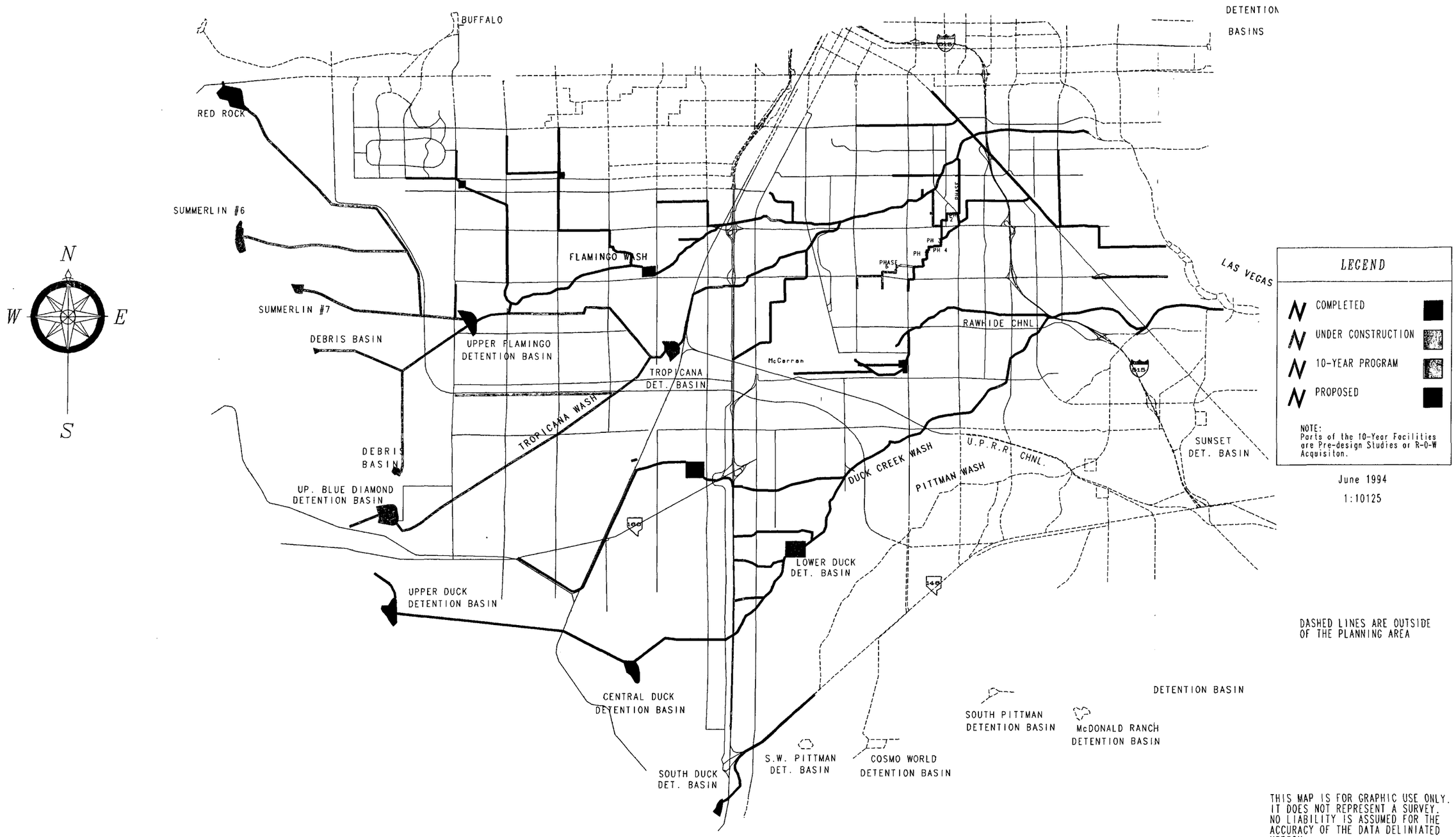
June 1994

1:8183

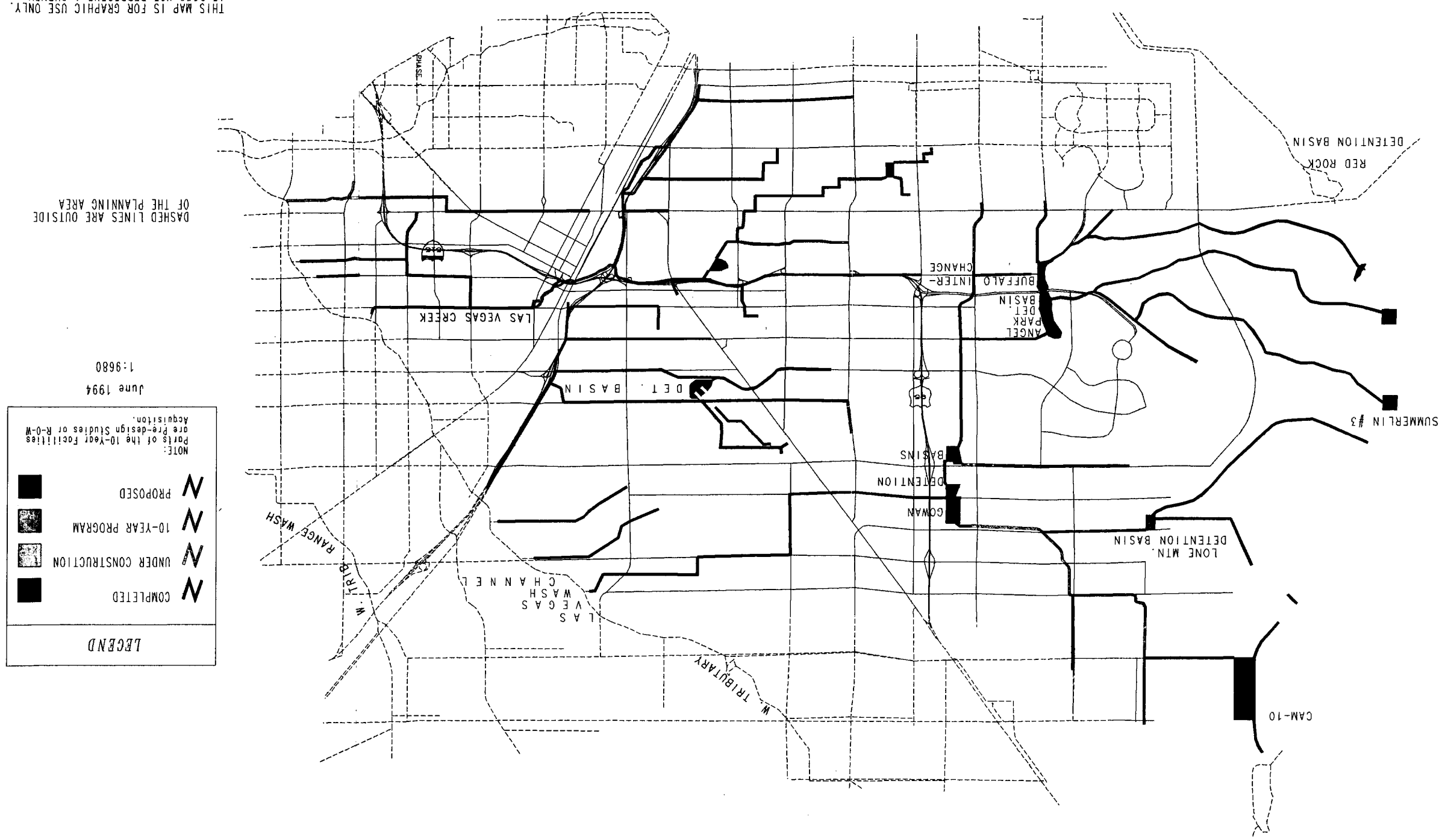
DASHED LINES ARE OUTSIDE OF THE PLANNING AREA

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

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



GOWAN AND CENTRAL BASIN PLANNING AREAS



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

Gale Wm. Fraser, II, P.E.
General Manager / Chief Engineer

BOARD OF DIRECTORS

Iris Bletsch
Chairman
City of Boulder City

Scott Higginson
Vice-Chairman
City of Las Vegas

Ken Carter
City of Mesquite

Yvonne Atkinson Gates
Clark County

Theron Goynes
City of North Las Vegas

Jan Laverty Jones
City of Las Vegas

Larry Scheffler
City of Henderson

Bruce L. Woodbury
Clark County

MEMORANDUM

TO: TECHNICAL ADVISORY COMMITTEE

FROM: GALE WM. FRASER, II, GENERAL MANAGER/ CHIEF ENGINEER

SUBJECT: RESOLUTION OF INTENT NO. 94-1

DATE: JANUARY 27, 1994

Enclosed for your information is the Bond Project List as approved by the Board at the July 1991 meeting. This information was not included in the agenda backup for the January 27, 1994 meeting. Upon review of Exhibit "B" of the attached document please note that the Laughlin/Hiko Springs Detention Basin was included in the 1991 Bond List.

Also attached is a copy of the Financial Report depicting the bond funding requests to date. As you can see several of the projects depicted on the Contingency Project List have already been funded.

As previously stated, approval of the Resolution of Intent will not commit any District funds nor will it bind the Board to any decision. It is a resolution to consider the funding of the project. Any decision regarding the actual funding of this project would be based on the requirements of the Nevada Revised Statutes and the District's Policies and Procedures.

/jwp

TAC Correspondence

301 E. Clark Avenue, Suite 301 • Las Vegas, Nevada 89101
(702) 455-3139 • FAX: (702) 455-3870

CLARK COUNTY

REGIONAL FLOOD CONTROL DISTRICT

AGENDA ITEM

SUBJECT:

BOND PROJECT LIST

PETITIONER:
VIRGINIA-BAX-VALENTINE, P.E., GENERAL MANAGER/CHIEF ENGINEER

RECOMMENDATION OF PETITIONER:

THAT THE BOARD APPROVE THE BOND PROJECT LIST AND CONTINGENCY BOND PROJECT LIST

FISCAL IMPACT:

None - The approval of this item does not commit funds

BACKGROUND:

At its July 12, 1990 meeting the Board approved a Ten-year Construction Program and the FY 90/91 Project List. In accordance with the Policies and Procedures Manual, the plan is updated at the beginning of each fiscal year.

To expedite the construction of projects, the Board at its August 9, 1990 meeting approved a nine point plan. The plan included the adoption of a JUNE 1991 PROJECT LIST and a SUGGESTED BOND PROJECT LIST. The SUGGESTED BOND PROJECT LIST was contingent upon approval by the State Legislation of a bill that would allow the District to bond. The bill, AB 455, has now been approved.

In formulating the project lists for FY 91/92, the JUNE 1992 PROJECT LIST, previous item on the agenda, was developed and the BOND PROJECT LIST was updated based upon information submitted and reviewed by staff and the Technical Advisory Committee. All projects on the lists have been identified in the Ten-year Construction Program, previously approved, with the exception that certain projects have been modified and/or changed in concept based upon the Master Plan Update for the Las Vegas Valley which is presently being finalized.

SPEC.

TAC AGENDA	**RFCD AGENDA**
ITEM # 3	**ITEM #** 8
Date: 7-3-91	**Date:** 7-11-91

The BOND PROJECT LIST is to be funded by pledging approximately one-half of the District revenues to retire the bonds. The total of the bonds to be issued is programmed at $80,000,000. The projects identified on the BOND PROJECT LIST is for the construction of the flood control facilities.

Certain projects, identified on the BOND PROJECT LIST as first issued bonds, have either the design completed or are ninety percent designed at this time and all necessary rights-of-way have been obtained. These projects are ready to go to construction around November, 1991, when bond funds are available. The remaining projects on the BOND PROJECT LIST are presently being designed or will be designed shortly and are expected to be funded by a second sale of the bonds (second issue).

Exhibit A, included in the backup, is the SUGGESTED BOND PROJECT LIST approved by the Board at its August 9, 1990 meeting. Also included in the exhibit are the recommended changes to the August, 1990 list based upon requests received and changes proposed in order to develop a bond list that totals $80,000,000. The column labelled "Bond List Requested Received" totals $127,030,804 which exceeds the bonding capabilities of the District by $47,030,804. Therefore, certain deletions and the reduction in funding were required to develop a bond list consistent with the amount of funding available from a bond issue.

Exhibit B, BOND PROJECT LIST, included in the backup, identifies the first and second issue bond sale projects. The first issue bond sale projects total $37,758,304 and the second issue totals $42,372,200. The BOND PROJECT LIST totals $82,130,504 which is approximately 2.7% over the amount programmed for bond funding. Due to the unavailability of detailed cost estimates on the second issue projects, and the uncertainty of actual project costs, this small increase over the $80,000,000 programmed bond amount is considered reasonable. The second issue of the bonds will require further analysis of the project costs prior to the second issue bond sale.

Also included in Exhibit B is a CONTINGENCY LIST. This list includes those flood control facilities requested to be included on the BOND PROJECT LIST, but were eliminated or reduced due to funding constraints. This list may be utilized as a project list for those facilities on the BOND PROJECT LIST that become delayed due to right-of-way, environmental, and or other unforeseen issues.

EXHIBIT C, included in the backup, demonstrates that no hydrographic basin has substantially exceeded programmed funding to date. Also, when including the programmed amounts on the JUNE 1992 PROJECT LIST and the BOND PROJECT LIST, funding for each entity will be in line with the originally programmed amounts.

Respectfully submitted,

Virginia Bax-Valentine, P.E.
General Manager/Chief Engineer

SPEC.

TAC AGENDA	RFCD AGENDA
ITEM # 3	ITEM # 8
Date: 7-3-91	Date: 7-11-91

Regional Flood Control District

AGENDA ITEM DEVELOPMENT

Staff Discussion: Bond Project and Contingency Project List

Date: 6-27-91

See attached agenda item

Staff Recommendation:

Approve

Discussion By Special TAC:

AGENDA • 2 Date: 7-3-91

Changes requested to Bond Project List:

1. Southwest Las Vegas Valley (Clark County) identify Van Buskirk System for $4,000,000 on 1st Issue and decrease Van Buskirk System by $4,000,000 on 2nd Issue Bond Project Lists.

Recommendation:

Approve with above changes

Discussion By Staff:

AGENDA • Date: 7-5-91

Backup has been updated to reflect discussion at TAC.

Recommendation:

Approve

Discussion By _____:

AGENDA • Date:

Recommendation:

Discussion By _____:

AGENDA • Date:

Recommendation:

EXHIBIT A
3-Jul-91

file:GWF:c:\10yr\pro\92req.xls

HYDROGRAPHIC BASIN	SUGGESTED BOND LIST (8/9/90)	BOND LIST REQUESTS RECEIVED (a)	RECOMMENDED CHANGES TO BOND LIST	COMMENTS
SOUTHWEST LAS VEGAS VALLEY				
Rawhide Channel	$3,000,000	$2,820,000	$2,820,000	Design funds on June 92 List
Winnick Ave. Improvements	$1,200,000	$0	$0	Moved to June 92 List
Van Buskirk System	$10,800,000	$10,150,000	$8,000,000	Design funds on June 92 List & reduced by $2,150,000
TOTAL - SWLVV	$15,000,000	$12,970,000	$10,820,000	
OUTLYING AREAS (CLARK COUNTY)				
Muddy River West Levee - Moapa Valley	$0	$3,000,000	$0	On previous FY 91/92 list; include on June 92 List
Laughlin (Hiko Wash Det. Basin)	$0	$7,950,000	$0	Deleted
Laughlin (51% of Unnamed Wash)	$4,000,000	$4,100,000	$4,100,000	Increased
TOTAL - OUTLYING AREAS	$4,000,000	$15,050,000	$4,100,000	
CENTRAL LAS VEGAS VALLEY				
South Gowan Detention Basins Const	$5,600,000	$0	$0	Combined with next entry
Gowan Detention Basins Const	$0	$10,240,000	$10,240,000	Increased cost and scope
Oakey Blvd. Detention Basin System	$0	$7,970,000	$7,970,000	Added
Washington Ave. System	$6,000,000	$5,400,000	$0	Deleted; added next entry
Washington Ave. System (Sandhill Outlet)	$0	$1,700,000	$1,700,000	Added in lieu of previous entry
Gowan North Channel	$4,300,000	$0	$0	Deleted
Buffalo Channel (Summerlin Pkwy. to Vegas)	$0	$1,500,000	$1,500,000	Added
TOTAL - CLVV	$15,900,000	$26,810,000	$21,410,000	
NORTHERN LAS VEGAS VALLEY				
Upper Las Vegas Wash Detention Basin	$0	$12,800,000	$12,800,000	$11,000,000 identified on June 91 List; increase & include
West Range Wash Diversion Dike	$4,500,000	$6,300,000	$4,000,000	Decrease
East Range Wash Detention Basin	$4,800,000	$8,620,000	$8,620,000	Increase
Kyle Canyon Detention Basin	$7,000,000	$11,100,000	$0	Deleted
TOTAL - NLVV	$16,300,000	$38,820,000	$25,420,000	

EXHIBIT A
3-Jul-91

file:GWF:c:\10yr\pro\92req.xls

HYDROGRAPHIC BASIN	SUGGESTED BOND LIST (8/9/90)	BOND LIST REQUESTS RECEIVED (a)	RECOMMENDED CHANGES TO BOND LIST	COMMENTS
HENDERSON				
Pittman Wash Channel (Phase II)	$0	$3,470,000	$3,470,000	$3,062,800 remaining on June 91 List; increased & include
Pittman Wash Channel (Phase III)	$0	$3,162,500	$3,162,500	On previous FY 91/92 list; include
UPRR Channel	$2,200,000	$2,300,000	$2,300,000	Increase
Gibson Detention Basin	$0	$5,000,000	$0	Delete
Black Mtn Dam/C-1 Channel	$6,600,000	$14,000,000	$6,000,000	Design funds on June 92 List; decrease
TOTAL - HENDERSON	$8,800,000	$27,932,500	$14,932,500	
MESQUITE				
Town Wash Detention Basin	$0	$5,448,304	$5,448,304	$4,820,000 remaining on June 91 List; increased & include
TOTAL - MESQUITE	$0	$5,448,304	$5,448,304	
BOULDER CITY				
No Projects	$0	$0	$0	No projects
TOTAL - BOULDER CITY	$0	$0	$0	
TOTAL	$60,000,000	$127,030,804	$82,130,804	$80,000,000 bond sale

NOTE:
a - Enitity request, staff suggestion, or 1990 Bond List amount less design

EXHIBIT B

BOND PROJECT LIST

3-Jul-91
file:GWF:c:\10yr\pro\92bond.xls

HYDROGRAPHIC BASIN	BOND PROJECT LIST (1st Issue)	BOND PROJECT LIST (2nd Issue)	TOTAL OF BOND PROJECTS
SOUTHWEST LAS VEGAS VALLEY			
Rawhide Channel		$2,820,000	$2,820,000
Van Buskirk System	$4,000,000	$4,000,000	$8,000,000
TOTAL - SWLVV	$4,000,000	$6,820,000	$10,820,000
OUTLYING AREAS (CLARK COUNTY)			
Laughlin (51% of Unnamed Wash)	$4,100,000		$4,100,000
TOTAL - OUTLYING AREAS	$4,100,000	$0	$4,100,000
CENTRAL LAS VEGAS VALLEY			
Gowan Detention Basins Const	$10,240,000		$10,240,000
Oakey Blvd. Detention Basin		$7,970,000	$7,970,000
Washington Ave. System (Sandhill Outlet)	$1,700,000		$1,700,000
Buffalo Channel (Summerlin Prkway. to Vegas)		$1,500,000	$1,500,000
TOTAL - CLVV	$11,940,000	$9,470,000	$21,410,000
NORTHERN LAS VEGAS VALLEY			
Upper Las Vegas Wash Detention Basin	$12,800,000		$12,800,000
West Range Wash Diversion Dike		$4,000,000	$4,000,000
East Range Wash Detention Basin		$8,620,000	$8,620,000
TOTAL - NLVV	$12,800,000	$12,620,000	$25,420,000
HENDERSON			
Pittman Wash Channel (Phase II) 0.050	$3,470,000		$3,470,000
Pittman Wash Channel (Phase III) As 0.950		$3,162,200	$3,162,200
UPRR Channel		$2,300,000	$2,300,000
Black Mtn Dam/C-1 Channel System		$6,000,000	$6,000,000
TOTAL - HENDERSON	$3,470,000	$11,462,200	$14,932,200
MESQUITE			
Town Wash Detention Basin	$5,448,304		$5,448,304
TOTAL - MESQUITE	$5,448,304	$0	$5,448,304
BOULDER CITY			
(no projects)	$0	$0	$0
TOTAL - BOULDER CITY	$0	$0	$0
Total - Bond List	$41,758,304	$40,372,200	$82,130,504
Bond Fund	$41,758,304	$38,241,696	$80,000,000
Difference	$0	($2,130,504)	($2,130,504)

MISSION RETURN 1.0

EXHIBIT B

3-Jul-91

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CONTINGENCY PROJECT LIST

HYDROGRAPHIC BASIN	AMOUNT
SOUTHWEST LAS VEGAS VALLEY	
Van Buskirk System	$2,150,000
TOTAL - SWLVV	$2,150,000
OUTLYING AREAS (CLARK COUNTY)	
Laughlin (Hiko Wash Det. Basin)	$7,950,000
TOTAL - OUTLYING AREAS	$7,950,000
CENTRAL LAS VEGAS VALLEY	
Washington Ave. System	$6,000,000
TOTAL - CLVV	$6,000,000
NORTHERN LAS VEGAS VALLEY	
West Range Wash Diversion Dike	$2,300,000
Kyle Canyon Detention Basin	$11,800,000
TOTAL - NLVV	$14,100,000
HENDERSON	
Gibson Detention Basin	$5,000,000
Black Mtn Dam/C-1 Channel System	$8,000,000
TOTAL - HENDERSON	$13,000,000
Total	$43,200,000

EXHIBIT C

SUMMARY OF DISTRICT CONSTRUCTION PROGRAM

3-Jul-91
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TEN-YEAR CONSTRUCTION PROGRAM - PROGRAMMED FUNDING SUMMARY THRU 6/30/91								
	HYDROGRAPHIC BASINS							
	Northern	Central	Southwest	Boulder City	Henderson	Mesquite	Outlying	Total
Total Programmed per Basin	$18,668,870	$19,366,400	$11,538,840	$1,714,354	$10,076,200	$2,545,900	$4,197,500	$68,108,064
Percentages per basin	27.4%	28.4%	16.9%	2.5%	14.8%	3.7%	6.2%	100.0%

SUMMARY OF FUNDING THRU 6/30/91 AND JUNE 1992 PROJECT LIST AND BOND PROJECT LIST								
DISTRICT FUNDING BY INTERLOCAL CONTRACT THROUGH 6/30/91								
Total of Interlocal Contracts	$20,820,201	$23,922,356	$13,820,836	$5,374,720	$6,784,310	$669,601	$2,237,000	$73,629,023
Percentages per basin	28.3%	32.5%	18.8%	7.3%	9.2%	0.9%	3.0%	100.0%
PROPOSED DISTRICT FUNDING ON JUNE 1992 PROJECT LIST AND BOND PROJECT LISTS								
Total per Basin	$26,350,000	$22,847,625	$18,428,000	$0	$15,682,200	$5,448,304	$9,020,500	$97,776,629
TOTAL OF PROJECTS FUNDED AND JUNE 1992 PROJECT LIST AND BOND PROJECT LIST								
Total	$47,170,201	$46,769,981	$32,248,836	$5,374,720	$22,466,510	$6,117,905	$11,257,500	$171,405,652
Updated Percentages	27.5%	27.3%	18.8%	3.1%	13.1%	3.6%	6.6%	100.0%

PERCENTAGES BASED UPON 1986 MASTER PLAN - PHASE I FACILITIES								
Percentages for program funding (MP Ph. I est.)	29.5%	28.3%	17.3%	1.4%	12.8%	1.5%	9.2%	100.0%
Funding based upon MP % (a)	$50,078,873	$47,993,666	$29,294,615	$2,322,548	$21,682,762	$2,492,077	$15,664,482	$169,529,023

(a) Total represents projects funded through June 30, 1991 ($73,629,023); FY 91/92 amount ($15,900,000); and bond amount ($80,000,000)

BOND PROJECT LIST - FUNDING REQUEST SUMMARY

1/27/94 file:\excel\sum_bd.xls

HYDROGRAPHIC BASIN	TOTAL OF BOND PROJECTS	FUNDING REQUESTS	PROGRAM AMOUNT DIFFERENCE
SOUTHWEST LAS VEGAS VALLEY			
Rawhide Channel	$2,820,000	$2,820,000	$0
Van Buskirk System	$8,000,000	$9,516,000	($1,516,000)
TOTAL - SWLVV	$10,820,000	$12,336,000	($1,516,000)
OUTLYING AREAS (CLARK COUNTY)			
Laughlin (51% of Unnamed Wash)	$4,100,000	$4,100,000	$0
TOTAL - OUTLYING AREAS	$4,100,000	$4,100,000	$0
CENTRAL LAS VEGAS VALLEY			
Gowan Detention Basins Const	$10,240,000	$7,500,000	$2,740,000
Oakey Blvd. Detention Basin	$7,970,000	$7,196,300	$773,700
Washington Ave. System (Sandhill Outlet)	$1,700,000	$1,496,313	$203,687
Washington Ave. System (Virgil to Lena)	0	$3,350,000	($3,350,000)
Buffalo Channel (Summerlin Prkway. to Vegas)	$1,500,000	$1,920,950	($420,950)
TOTAL - CLVV	$21,410,000	$21,463,563	($53,563)
NORTHERN LAS VEGAS VALLEY			
Upper Las Vegas Wash Detention Basin	$12,800,000	$8,950,000	$3,850,000
Kyle Canyon Detention Basin	0	$5,037,000	($5,037,000)
West Range Wash Diversion Dike	$4,000,000	$2,430,000	$1,570,000
Range Wash Confluence Detention Basin	$8,620,000	$3,150,000	$5,470,000
TOTAL - NLVV	$25,420,000	$19,567,000	$5,853,000
HENDERSON			
Pittman Wash Channel (Phase II)	$3,470,000	$2,066,871	$1,403,129
Pittman Wash Channel (Phase III)	$3,162,200	$910,000	$2,252,200
UPRR Channel	$2,300,000	$2,600,000	($300,000)
Black Mtn Dam/C-1 Channel System	$6,000,000	$7,150,000	($1,150,000)
TOTAL - HENDERSON	$14,932,200	$12,726,871	$2,205,329
MESQUITE			
Town Wash Detention Basin	$5,448,304	$3,692,546	$1,755,758
TOTAL - MESQUITE	$5,448,304	$3,692,546	$1,755,758
BOULDER CITY			
(no projects)	$0		$0
Hemenway Wash - 4th Suppl.		$1,327,000	($1,327,000)
Hemenway Wash - 5th Suppl.		($460,000)	$460,000
TOTAL - BOULDER CITY	$0	$867,000	($867,000)
Totals	$82,130,504	$74,752,980	$7,377,524

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

Gale Wm. Fraser, II, P.E.
General Manager / Chief Engineer

BOARD OF DIRECTORS

Iris Bletsch
Chairman
City of Boulder City

Larry Scheffler
Vice-Chairman
City of Henderson

Ken Brass
City of Las Vegas

Ken Carter
City of Mesquite

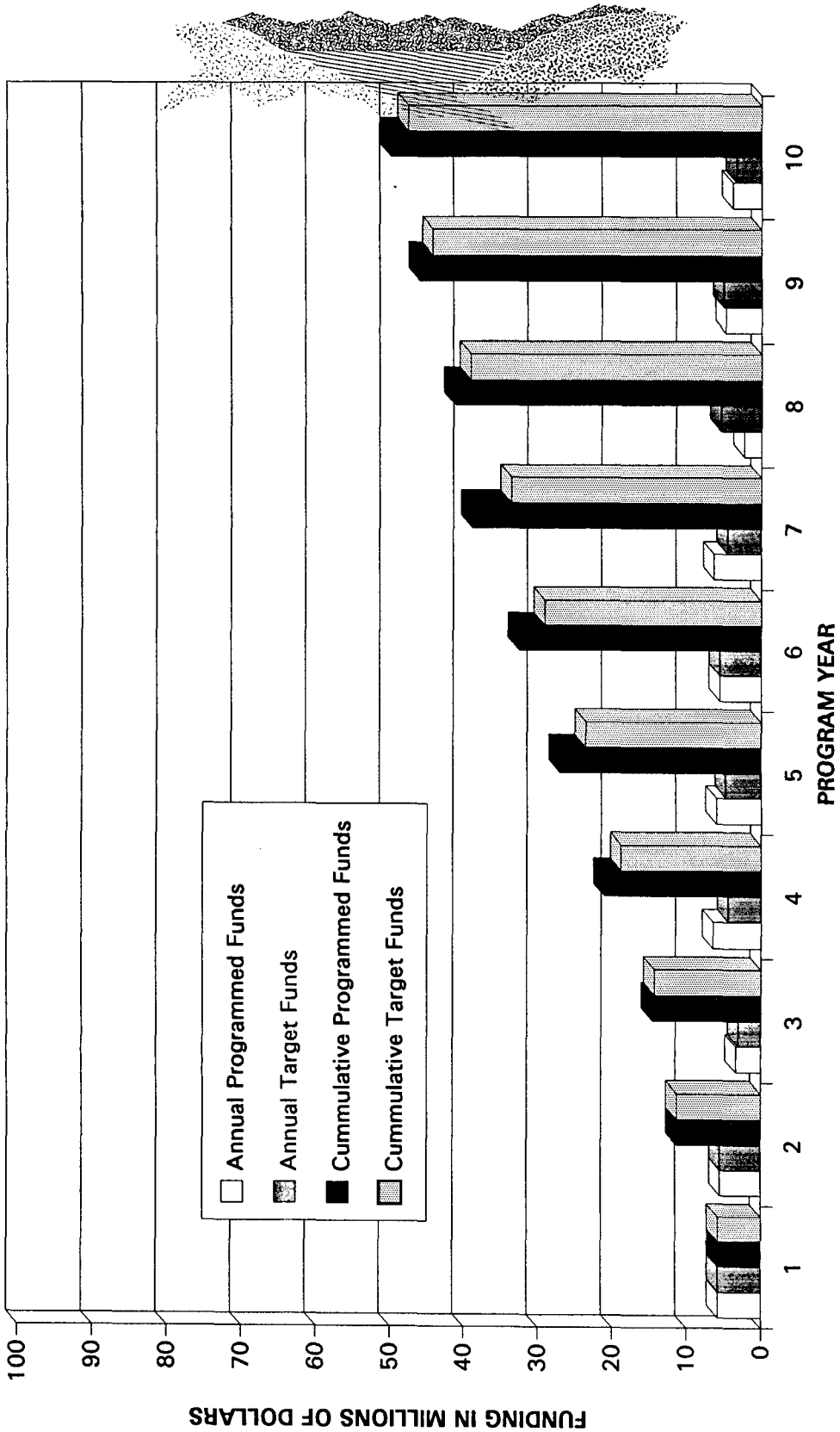
Yvonne Atkinson Gates
Clark County

Theron Goynes
City of North Las Vegas

Jan Laverty Jones
City of Las Vegas

Bruce L. Woodbury
Clark County

City of Henderson



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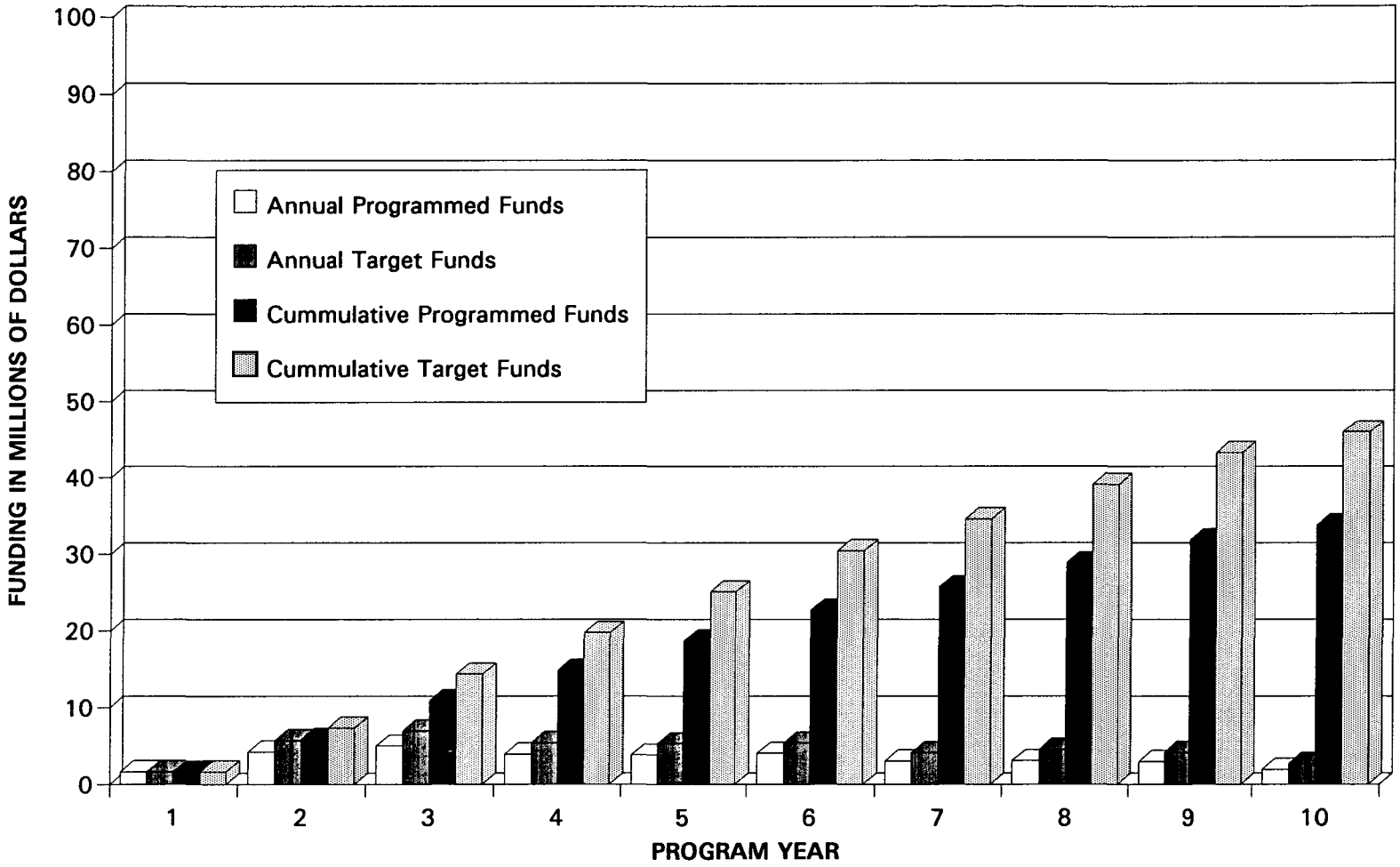
Clark County Outlying



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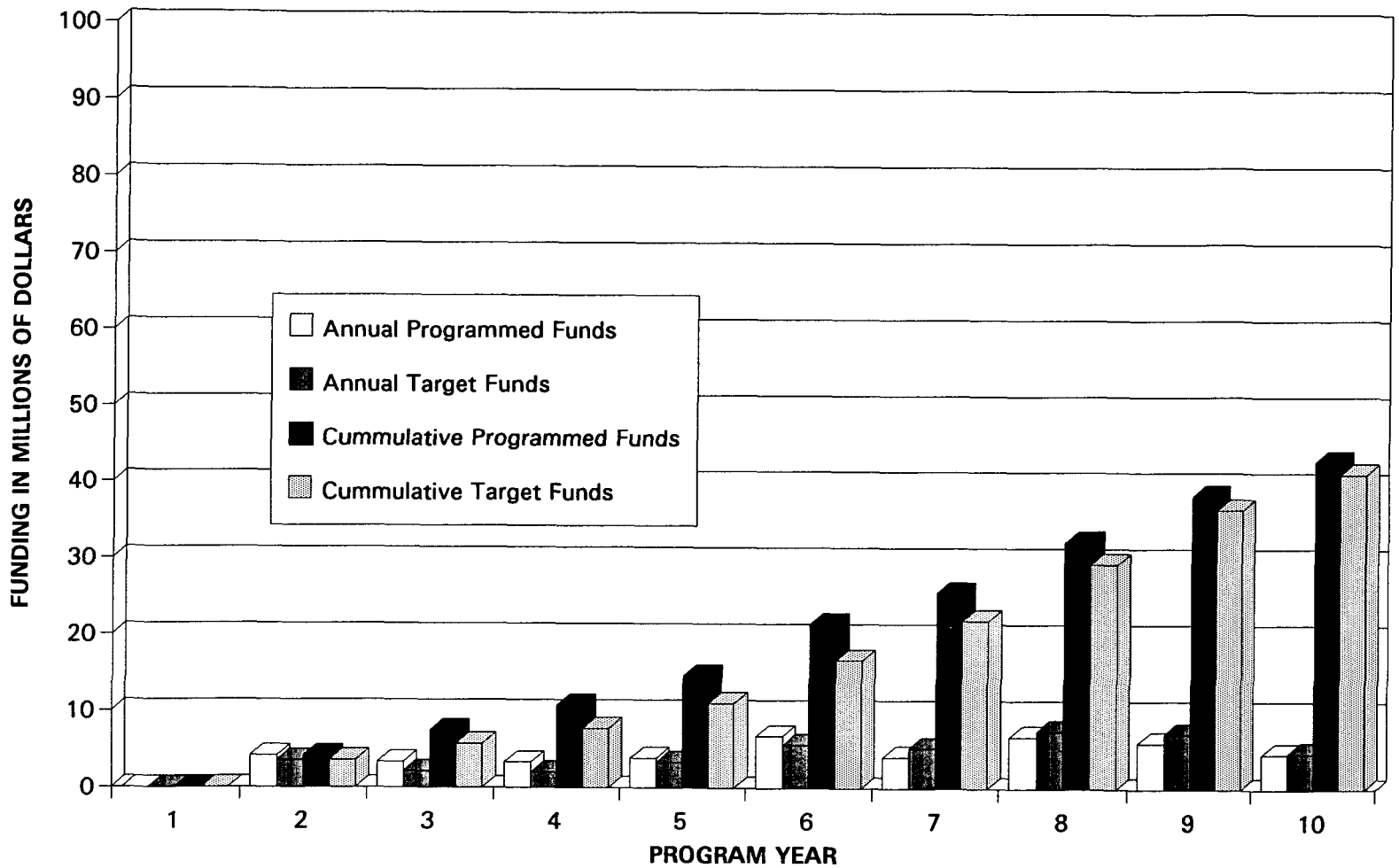
City of North Las Vegas



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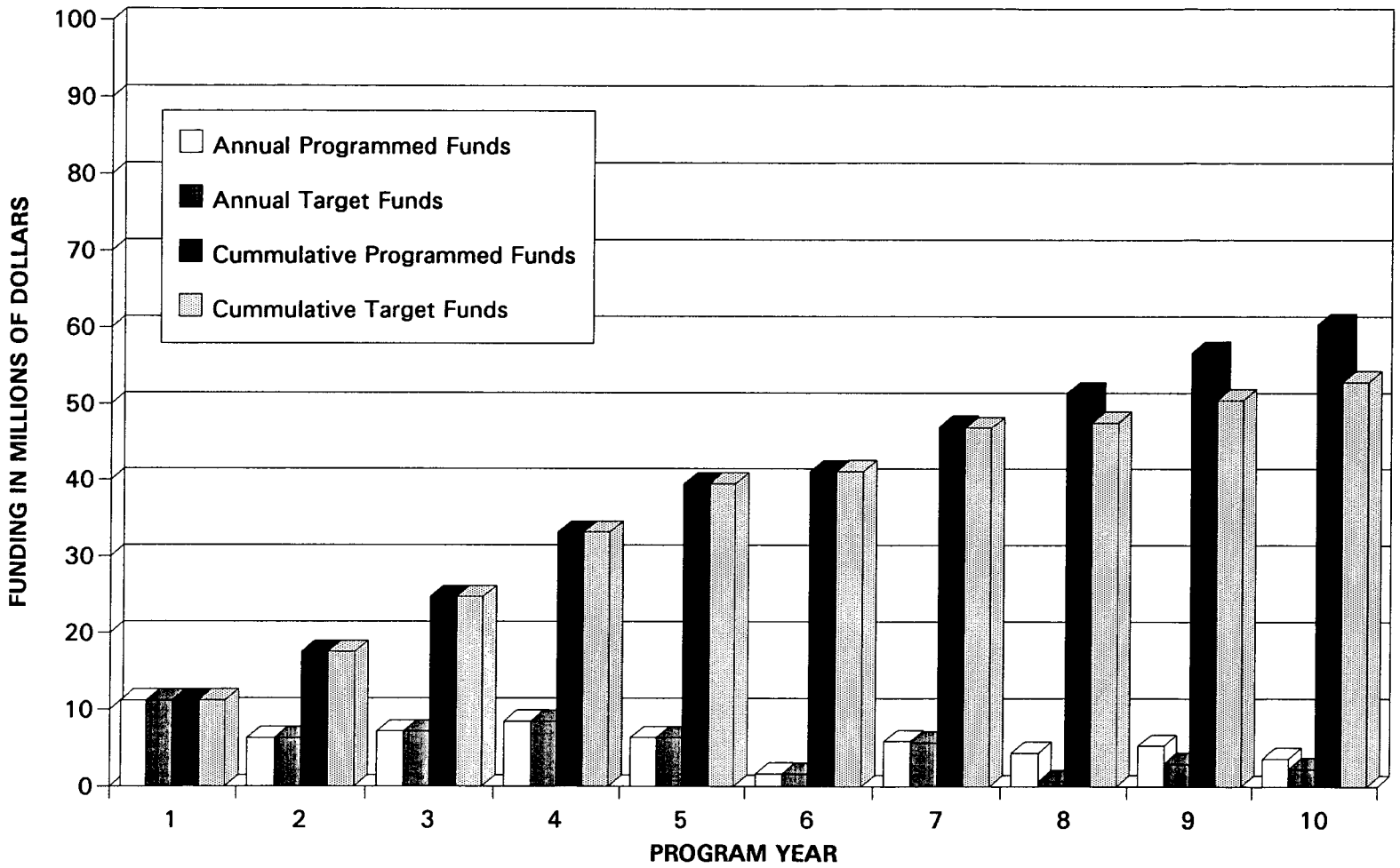
Clark County



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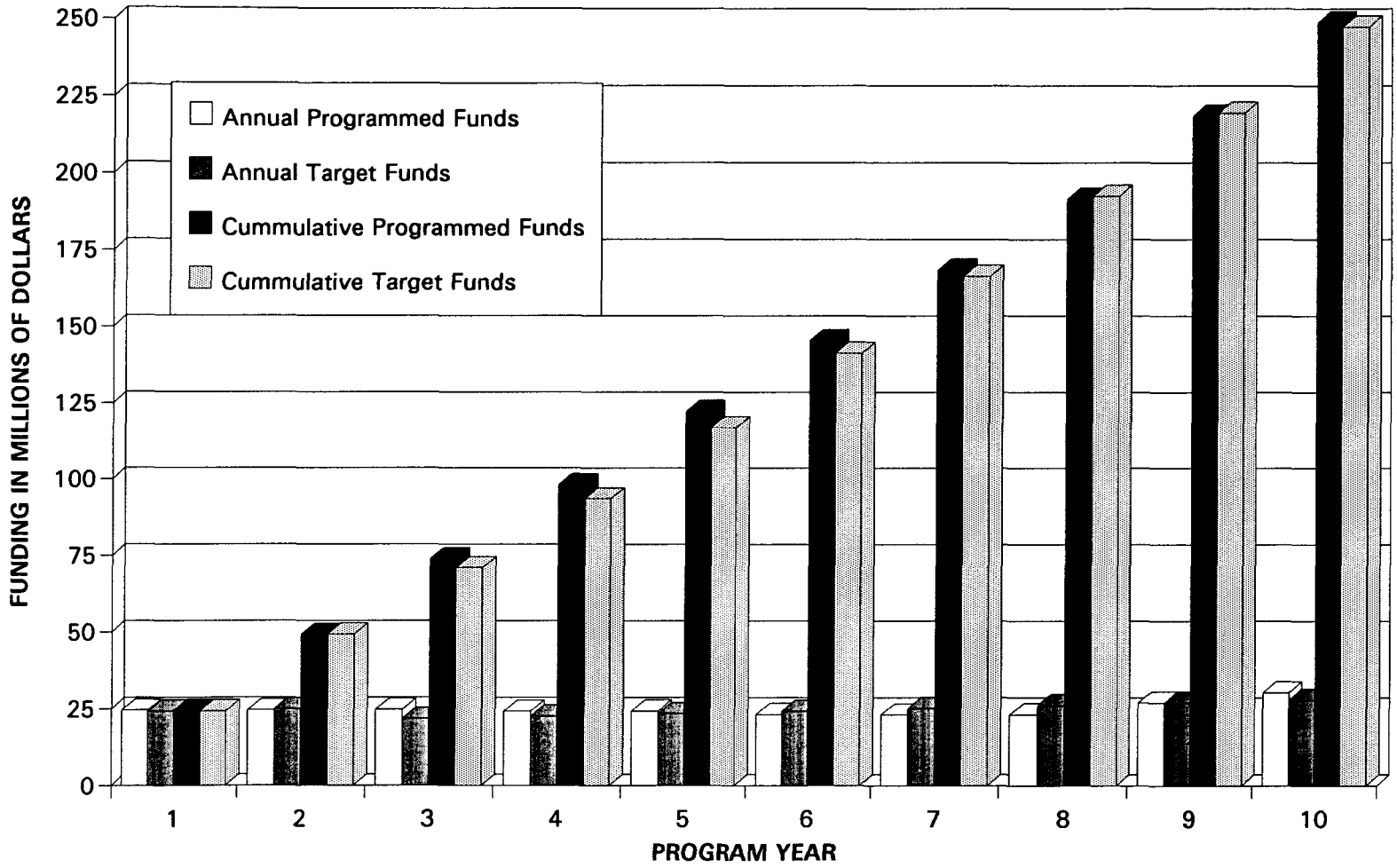
Total Program



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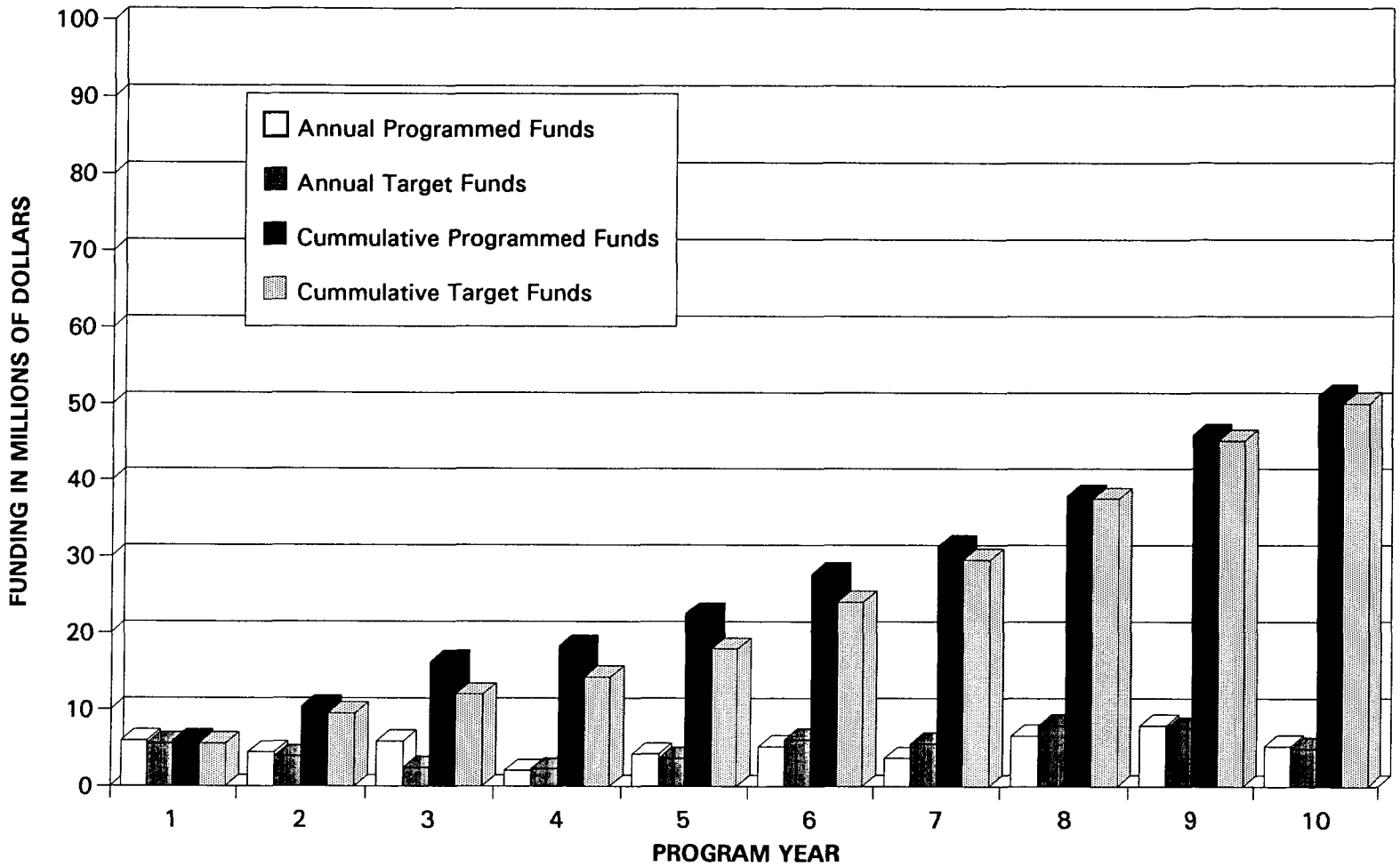
City of Las Vegas



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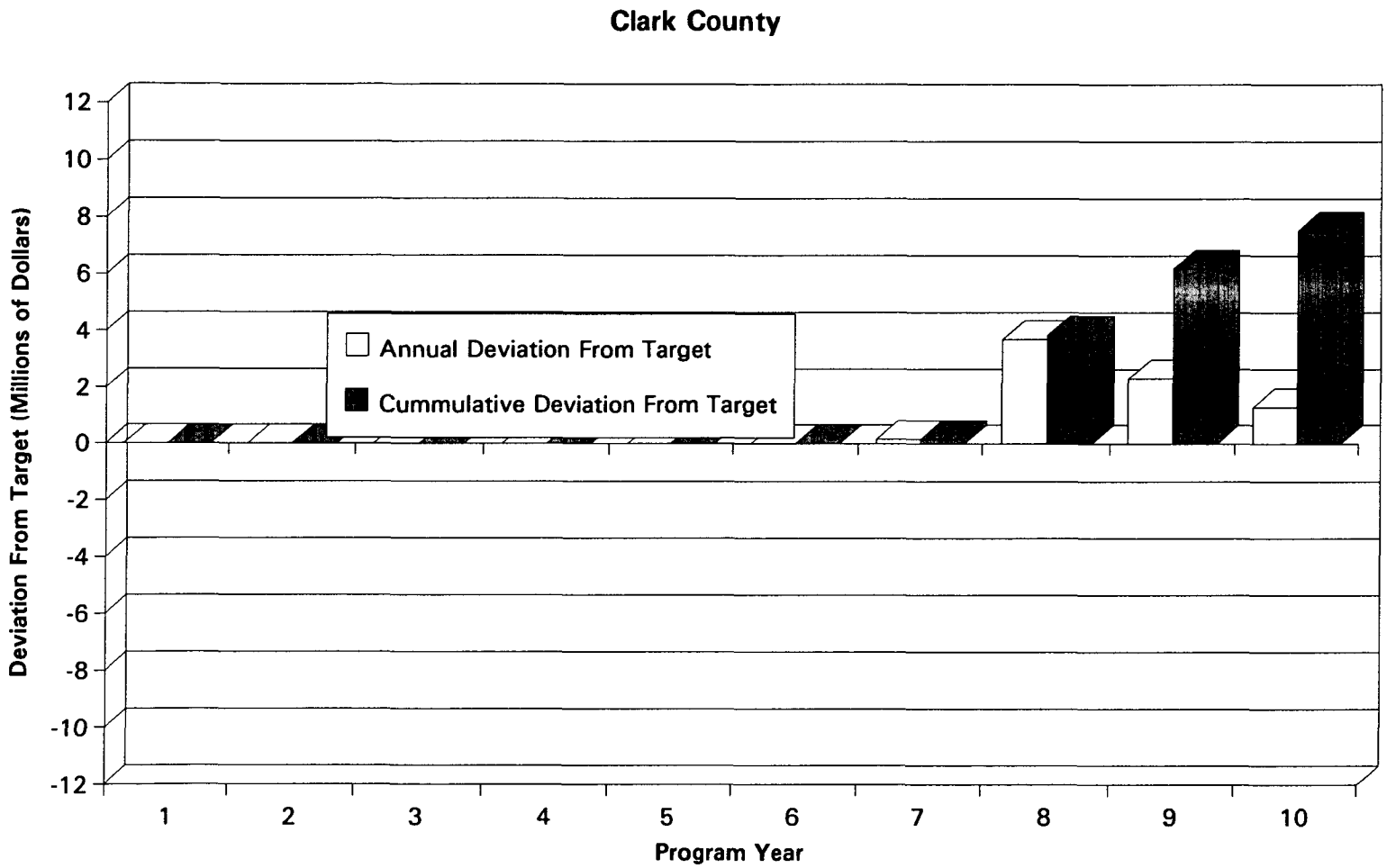
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Deviation From Target (Millions of Dollars)
12
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-2
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-6
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-12
Annual Deviation From Target
Cummulative Deviation From Target
1
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3
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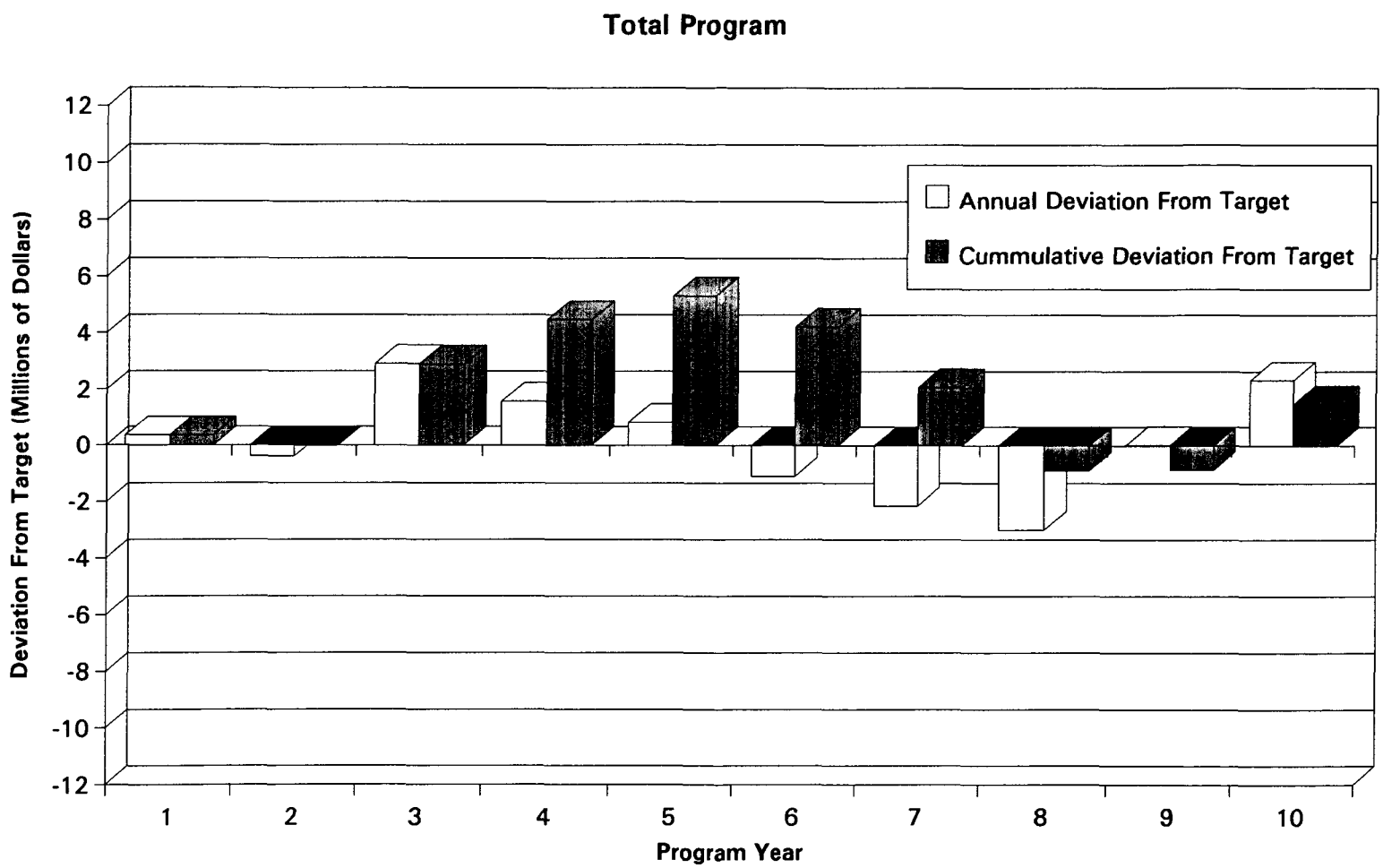
6
7
8
9
10
Program Year


Total Program
Annual Deviation From Target
Cummulative Deviation From Target
Deviation From Target (Millions of Dollars)
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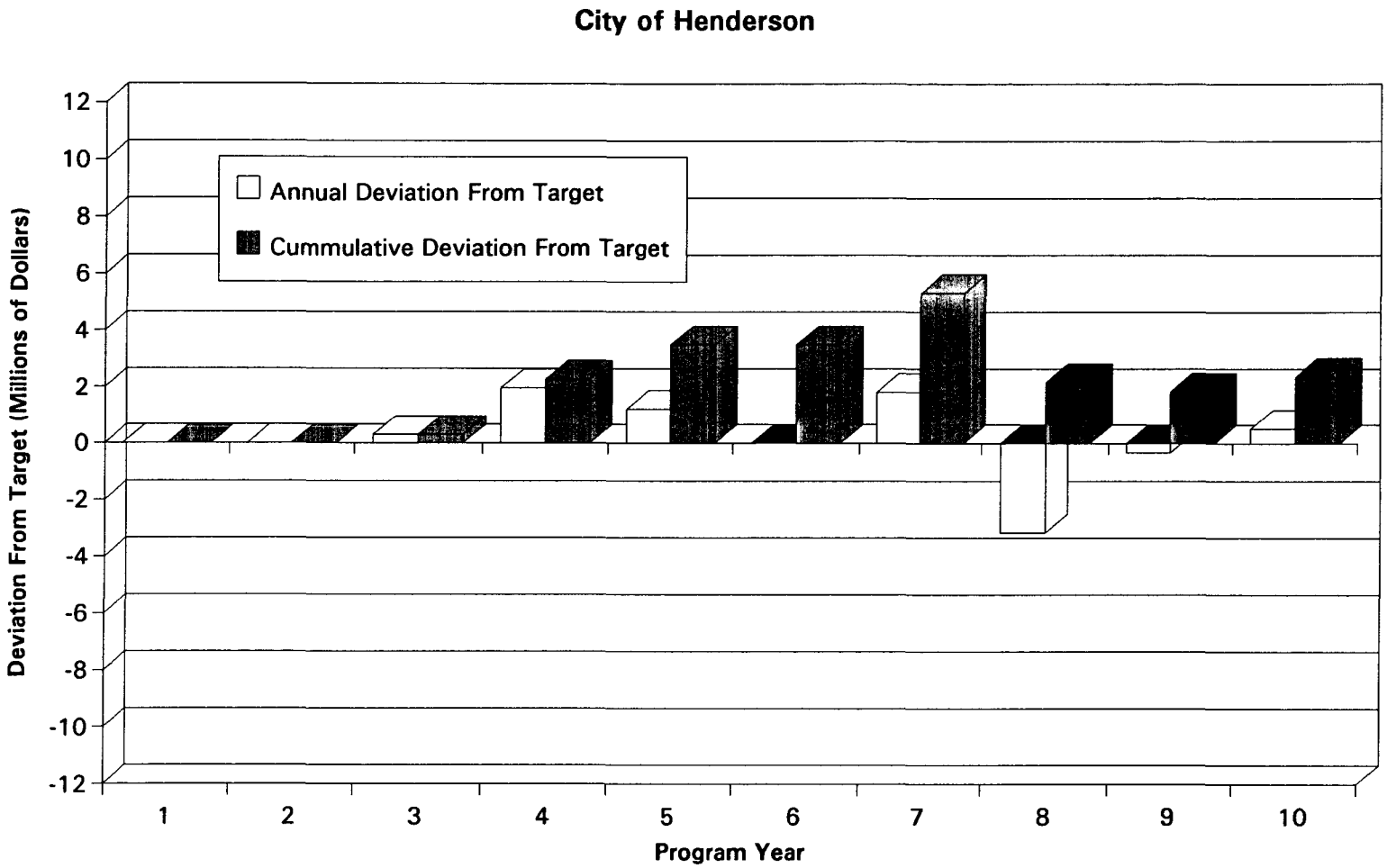
Program Year


City of Henderson
Annual Deviation From Target
Cummulative Deviation From Target
Deviation From Target (Millions of Dollars)
12
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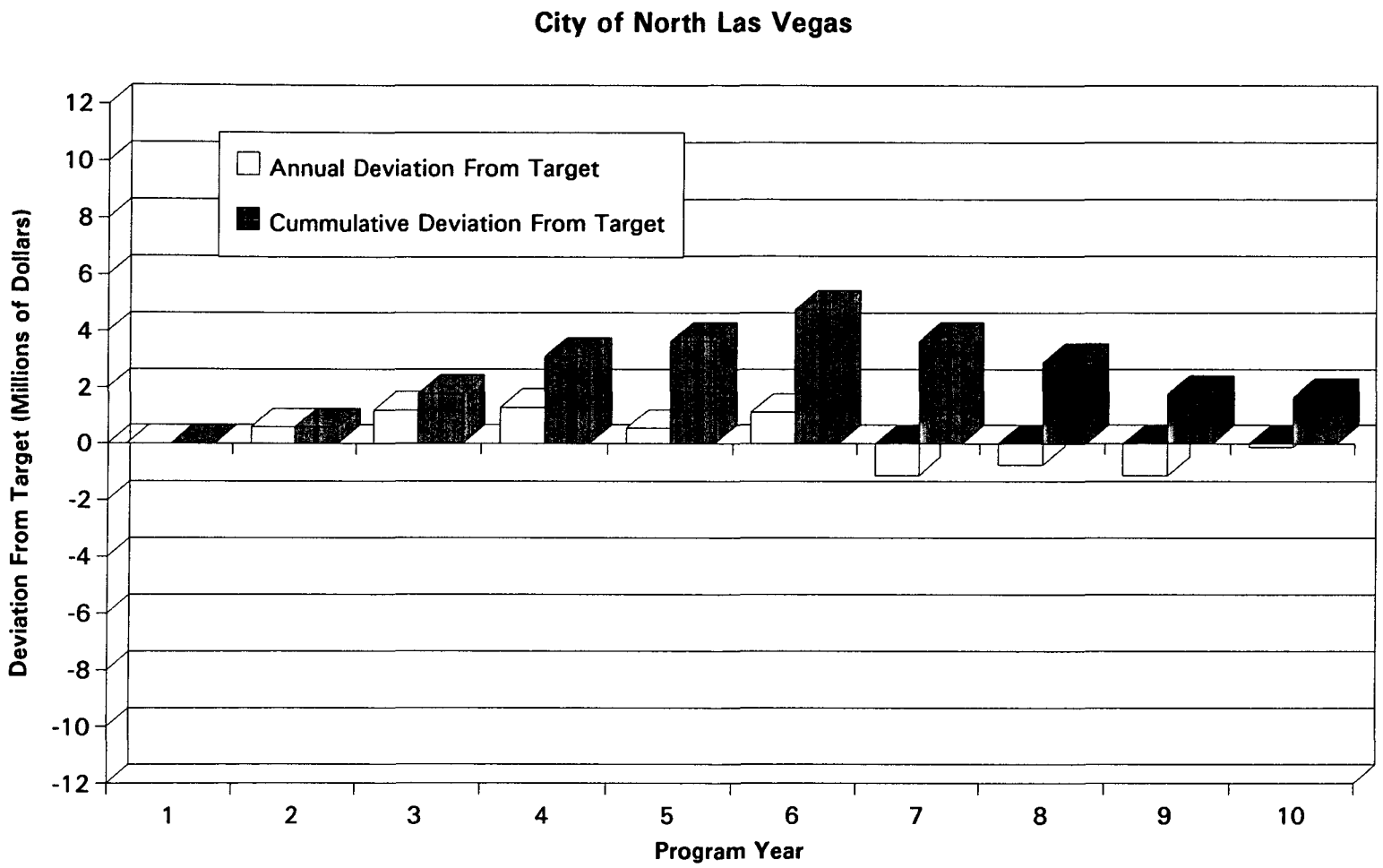
Program Year


City of North Las Vegas
Annual Deviation From Target
Cummulative Deviation From Target
Deviation From Target (Millions of Dollars)
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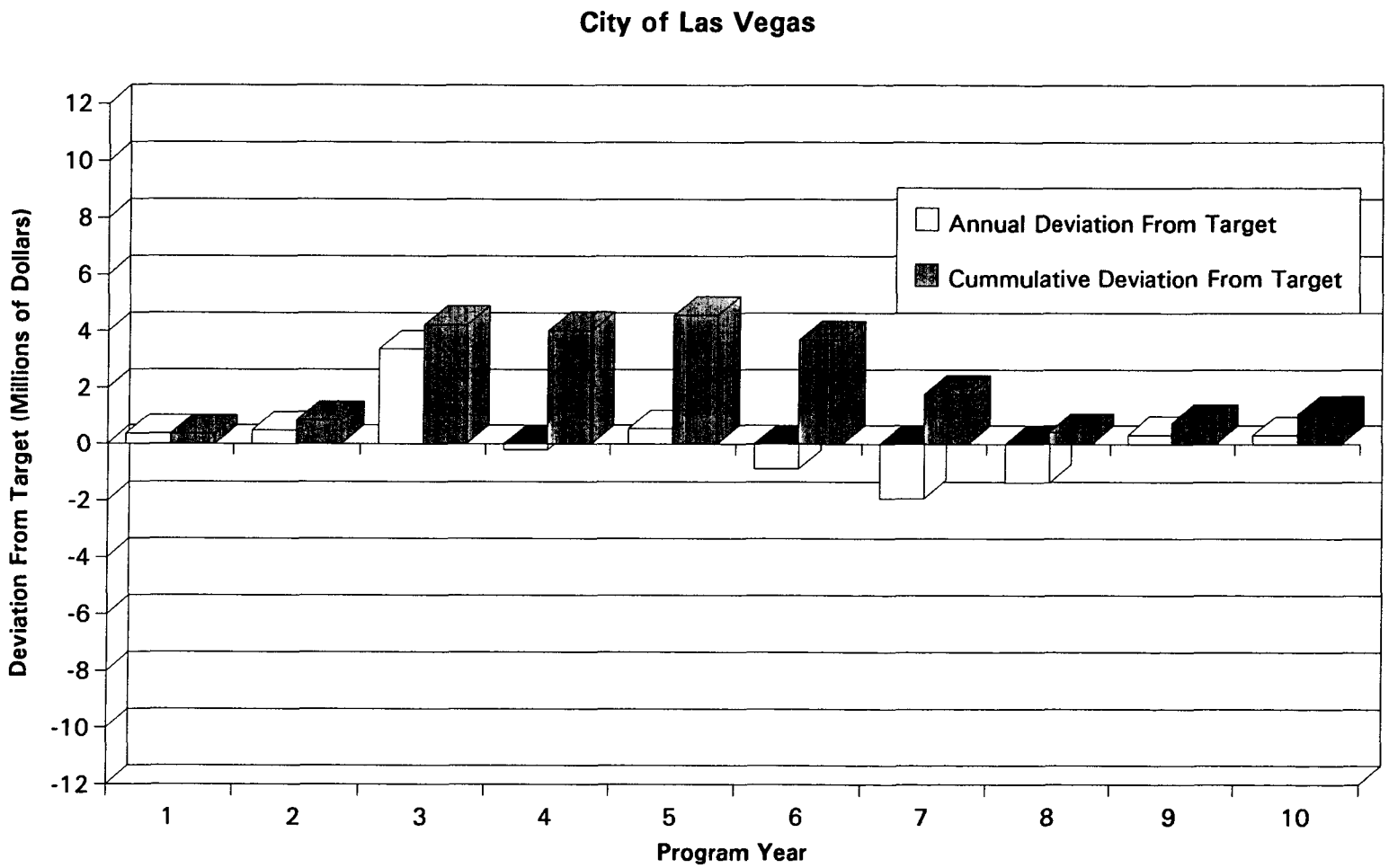
Program Year


City of Las Vegas
Deviation From Target (Millions of Dollars)
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-10
-12
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Program Year
Annual Deviation From Target
Cummulative Deviation From Target

Exhibit C

CHANGES TO THE 94/95
10-YEAR CONSTRUCTION PROGRAM
UPON UPDATE FOR 95/96
file N:\CCRFCD\10YEAR\FY95_96\CHNG9596.xls

					5.550		5.550		5.550							
					Old Program		Unchanged		New Program							
					FY 94/95 (Current Year)		FY 95/96 (Year 1)		FY 96/97 (Year2)		FY 97/98 (Year 3)		FY 98/99 (Year 4)		FY 99/00 (Year5)	
Facility Description	Planning Area	Project Cost	Priority Value	Notes	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.	Design /ROW	Const.
HENDERSON :																
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	92.5	Predesign funded									0.642			5.778
Mission Hills Collection System West Diversion (incl. ROW)	C-1 Ch.	$6,120,000	103.5							Prioritized by Brd. Action 3/30/95. Funds acrue by 12/96 5.458						
Southwest C-1 Detention Basin (Black Mountain)	C-1 Ch.	$3,350,000	93.0						*0.335*		0.335	3.015				
Northeast C-1 Detention Basin & Outfall	C-1 Ch. NEW	$4,260,000	103.5													
Northeast C-1 Levee	C-1 Ch. NEW	$1,830,000	72.2													
Equestrian Dr Detention Basin & Collection System (incl. ROW)	C-1 Ch.	$4,780,000	103.0			*4.302*	(a)	5.800	Prioritized for funding by Brd. Action 1/12/95. Funds acrue by 1							
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	80.0	Lower reach design funded									0.523	4.707		
Pittman Park Detention Basin	Pittman	$5,850,000	90.5										0.057	0.513		
Duck Creek Channel - Sunset to Newport Village	Duck Creek	$561,300	80.5													
East C-1 Detention Basin	C-1 Ch.	$1,630,000	74.5												0.244	
Pittman/Pecos Detention Basin	Pittman NEW	$3,468,000	66.7													
Whitney Ranch Channel	Pittman NEW	$1,092,000	83.5													
Gibson Channel	Pittman NEW	$3,241,000	64.5													
Equestrian Detention Basin Outfall	C-1 Ch. NEW	$6,065,000	54.0													
		Totals per Fiscal Year (x $1,000,000)				0.000		5.800		5.458		3.350		6.442		6.022
Henderson 10-Year Total :		**$49,919,000**														

Exhibit C

CHANGES TO THE 94/95
10-YEAR CONSTRUCTION PROGRAM
UPON UPDATE FOR 95/96
file N:\CCRFCD\10YEAR\FY95_96\CHNG9596.xls

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
HENDERSON :													
Sunset Detention Basin, Collection System and Outfall (incl. ROW)	Pittman	$6,420,000	92.5										
Mission Hills Collection System West Diversion (incl. ROW)	C-1 Ch.	$6,120,000	103.5										
Southwest C-1 Detention Basin (Black Mountain)	C-1 Ch.	$3,350,000	93.0										
Northeast C-1 Detention Basin & Outfall	C-1 Ch. **NEW**	$4,260,000	103.5	0.652			6.070						
Northeast C-1 Levee	C-1 Ch. **NEW**	$1,830,000	72.2			0.275			1.560				
Equestrian Dr Detention Basin & Collection System (incl. ROW)	C-1 Ch.	$4,780,000	103.0	/95									
C-1 Channel - Middle Reach (Drake St. - RR)	C-1 Ch.	$5,230,000	80.0					*0.523*			*4.707*		
Pittman Park Detention Basin	Pittman	$5,850,000	90.5	*0.057*			*0.513*						
Duck Creek Channel - Sunset to Newport Village	Duck Creek	$561,300	80.5	**0.056**	0.504		*0.504*						
East C-1 Detention Basin	C-1 Ch.	$1,630,000	74.5		1.384							*0.163*	*1.467*
Pittman/Pecos Detention Basin	Pittman **NEW**	$3,468,000	66.7		2.948								
Whitney Ranch Channel	Pittman **NEW**	$1,092,000	83.5									0.164	0.928
Gibson Channel	Pittman **NEW**	$3,241,000	64.5							0.486			2.755
Equestrian Detention Basin Outfall	C-1 Ch. **NEW**	$6,065,000	54.0					0.760			4.305		
Totals per Fiscal Year (x $1,000,000)					5.544		6.345		2.320		4.791		3.847
Henderson 10-Year Total :		**$49,919,000**											

Exhibit C

CHANGES TO THE 94/95
10-YEAR CONSTRUCTION PROGRAM
UPON UPDATE FOR 95/96
file N:\CCRFCD\10YEAR\FY95_96\CHNG9596.xls

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 94/95 (Current Year) Design /ROW	FY 94/95 Const.	FY 95/96 (Year 1) Design /ROW	FY 95/96 Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 Const.
					5.550 Old Program		5.550 Unchanged		5.550 New Program							
LAS VEGAS (Central Las Vegas Valley) :																
Lone Mountain Detention Basin Phase 1	Gowan	$5,000,000	111.5	Interlocal executed 10/13/94		*1.269*										
Oakey Detention Basin and Collection System - Phase 2	Central	$8,114,000	101.0	Interlocal executed 11/10/94		*1.513*										
Angel Park Detention Basin Expansion	Gowan	$100,000	100.5			*0.1*		1.785	Prioritized for funding by Brd. Action 2/9/95. Funds acrue by 4/9							
Washington Avenue Channel - Lena to Eastern Reach 3	Central	$5,385,000	99.0	Interlocal executed 10/13/94		*5.384*										
Washington Ave. Channel - Upper Reach 4 (24th - FSt.)	Central	$10,798,000	99.0	$0.410M ATP				*0.676* 3.806	0.190	*2.038*		*2.471* 2.038		0.676		*2.707* 2.306
Freeway Conveyance South LV Cr. to Charleston	Central	$7,223,000	98.5						Prioritized for funding by Brd. Action 3/30/95. Funds acrue by 8/96					*0.500*		
Oakey Drain - I15 to Valley View	Central NEW	$3,272,000	91.5	Constructed w/Sewer & RTC			0.110		0.290	2.190		0.682				
Freeway Channel South Charleston to Sahara	Central	$1,492,000	93.5	Sahara to Ivanhoe Constructed with NDOT												
Owens Avenue System (Rancho to I-15)	Central	$3,005,000	95.5	Funded with RTC					*0.080* 0.200			2.926				
Gowan North Channel - North Detention Basin to Lone Mnt Rd.	Gowan	$4,707,000	87.5	Predesign funded			*0.400* 0.300			0.728			*1.906* 0.400		1.906	
Gowan North Channel - Lone Mtn. Rd. to CAM-10 Det. Basin	Gowan	$600,000	87.5	Predesign funded												
Lone Mountain System Outfall to Durango	Gowan	$125,000	87.5								0.200			0.987		
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5		*0.070*		0.070	*0.700*		0.700						
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	90.0												0.500	
Totals per Fiscal Year (x $1,000,000)						0.000		6.071		4.298		5.846		2.063		4.712
Las Vegas 10-Year Total :		**$51,860,500**														

Exhibit C

CHANGES TO THE 94/95
10-YEAR CONSTRUCTION PROGRAM
UPON UPDATE FOR 95/96
file N:\CCRFCD\10YEAR\FY95_96\CHNG9596.xls

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
LAS VEGAS (Central Las Vegas Valley) :													
Lone Mountain Detention Basin Phase 1	Gowan	$5,000,000	111.5										
Oakey Detention Basin and Collection System - Phase 2	Central	$8,114,000	101.0										
Angel Park Detention Basin Expansion	Gowan	$100,000	100.5	6									
Washington Avenue Channel - Lena to Eastern Reach 3	Central	$5,385,000	99.0										
Washington Ave. Channel - Upper Reach 4 (24th - FSt.)	Central	$10,798,000	99.0		*2.306* 2.707								
Freeway Conveyance South LV Cr. to Charleston	Central	$7,223,000	98.5	0.500	2.000		*4.331* 2.000		*2.392* 5.094				
Oakey Drain - I15 to Valley View	Central NEW	$3,272,000	91.5										
Freeway Channel South Charleston to Sahara	Central	$1,492,000	93.5					*0.200* 0.420		0.500	*1.292* 5.327		2.687
Owens Avenue System (Rancho to I-15)	Central	$3,005,000	95.5										
Gowan North Channel - North Detention Basin to Lone Mnt Rd.	Gowan	$4,707,000	87.5		*0.650*		1.673		1.063		*1.023*		
Gowan North Channel - Lone Mtn. Rd. to CAM-10 Det. Basin	Gowan	$600,000	87.5							*Deleted* *0.600*			
Lone Mountain System Outfall to Durango	Gowan	$125,000	87.5							*0.125*			
Freeway Channel - North Washington Ave. (I15 to Martin Luther)	Central	$770,000	77.5										
Colorado Avenue System (Las Vegas Wash to I-515)	Central	$14,770,000	90.0					0.900		*0.9*	2.000		2.000
Totals per Fiscal Year (x $1,000,000)					5.207		3.673		7.477		7.827		4.687
Las Vegas 10-Year Total :		**$51,860,500**											

Exhibit C

CHANGES TO THE 94/95
10-YEAR CONSTRUCTION PROGRAM
UPON UPDATE FOR 95/96
file N:\CCRFCD\10YEAR\FY95_96\CHNG9596.xls

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 94/95 (Current Year) Design /ROW	FY 94/95 (Current Year) Const.	FY 95/96 (Year 1) Design /ROW	FY 95/96 (Year 1) Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 (Year2) Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 (Year 3) Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 (Year 4) Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 (Year5) Const.
					5.550 Old Program		5.550 Unchanged		5.550 New Program							
NORTH LAS VEGAS (Northern Las Vegas Valley) :																
Confluence Detention Basin (incl. ROW)	Range	$7,720,000	119.0	Design funded; construction on Bond List												
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	101.0	Predesign funded												1.220
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	98.0	Interlocal executed 12/8/94	0.3		*0.5000*		0.500	*2.890*		*1.300*		1.300		1.670
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	95.0	Interlocal executed 12/8/94	0.800			*3.170*		3.170		3.330		2.000		
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	90.0													
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	90.0						0.500			*2.605*		*2.605*		
West Tributary Channel (LV Blvd. - UPRR)	Range	$4,270,000	90.0												0.800	
A Channel (LV Blvd - Camino Al Norte)	N. LV Wash	$8,360,000	87.0	Camino Al Norte crossing completed												
A Channel Craig Road Confluence Structure	N. LV Wash NEW	$1,000,000	87.0												0.200	
Upper Las Vegas Wash - Craig Road to Ann Road	N. LV Wash NEW	$4,429,000	87.0													
East Range Wash Detention Basin	Range NEW	$2,650,000	57.5													
		Totals per Fiscal Year (x $1,000,000)				0.000		0.000		4.170		3.330		3.300		3.890
North Las Vegas 10-Year Total :		**$42,938,000**														
CLARK COUNTY (Southwest Las Vegas Valley) :																
Lower Duck Creek Detention Basin (incl. ROW)	Duck/Blue Dia.	$8,000,000	117.0			1.200										
Van Buskirk - II Ammended Outfall to Flamingo Wash	Flam./Trop.	$3,060,000	106.0			*4.774* 6.141										
Corps of Engineer's Tropicana/ Flamingo Project	Flam./Trop.	$41,142,001				*8.921*		*7.239* 11.201		*6.418* 6.336		*6.340* 7.158		*11.325* 8.461		*8.599* 6.349
Flamingo Wash (Tropicana Wash to Decatur Blvd.)	Flam./Trop. NEW	$4,990,000	101.5													
Flamingo Wash (McLeod to Tropicana Wash)	Flam./Trop. NEW	$2,490,000	95.0													
Buffalo/Desert Inn Drain; Rainbow Drain; Desert Inn Detention Basin	Flam./Trop. NEW	$5,630,000	82.5													
		Totals per Fiscal Year (x $1,000,000)				0.000		11.201		6.336		7.158		8.461		6.349
Clark County (SWLVV) 10-Year Total :		**$60,410,001**														

Exhibit C

CHANGES TO THE 94/95
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Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
NORTH LAS VEGAS (Northern Las Vegas Valley) :													
Confluence Detention Basin (incl. ROW)	Range	$7,720,000	119.0										
Sloan Channel (Las Vegas Wash - Confluence Det. Basin)	Range	$4,950,000	101.0						***6.000*** 2.780		1.000		
West Tributary Channel (Confluence Det. Basin - Las Vegas Blvd)	Range	$4,990,000	98.0						1.220				
Lower Las Vegas Wash Detention Basin (incl. ROW)	N. LV Wash	$3,990,000	95.0										
Sunrise Moutain Detention Basins (ROW acq.)	Range	$940,000	90.0			0.940					1.000		2.000
A Channel (Lake Mead - Las Vegas Blvd)	N. LV Wash	$5,710,000	90.0		5.210								
West Tributary Channel (LV Blvd. - UPRR)	Range	$4,270,000	90.0		***3.170***		3.170						
A Channel (LV Blvd - Camino Al Norte)	N. LV Wash	$8,360,000	87.0	0.780		***0.780***			2.740		2.740		
A Channel Craig Road Confluence Structure	N. LV Wash **NEW**	$1,000,000	87.0		0.800								
Upper Las Vegas Wash - Craig Road to Ann Road	N. LV Wash **NEW**	$4,429,000	87.0							0.650			2.568
East Range Wash Detention Basin	Range **NEW**	$2,650,000	57.5							0.650			
Totals per Fiscal Year (x $1,000,000)					6.790		4.110		6.740		6.040		4.568
North Las Vegas 10-Year Total :		**$42,938,000**											
CLARK COUNTY (Southwest Las Vegas Valley) :													
Lower Duck Creek Detention Basin (incl. ROW)	Duck/Blue Dia.	$8,000,000	117.0			0.894	5.000		2.422		***6.418***		
Van Buskirk - II Ammended Outfall to Flamingo Wash	Flam./Trop.	$3,060,000	106.0										
Corps of Engineer's Tropicana/ Flamingo Project	Flam./Trop.	$41,142,001			***1.786*** 1.638								
Flamingo Wash (Tropicana Wash to Decatur Blvd.)	Flam./Trop. **NEW**	$4,990,000	101.5					0.500	1.482		3.008		
Flamingo Wash (McLeod to Tropicana Wash)	Flam./Trop. **NEW**	$2,490,000	95.0							0.306	2.000		0.184
Buffalo/Desert Inn Drain; Rainbow Drain; Desert Inn Detention Basin	Flam./Trop. **NEW**	$5,630,000	82.5									0.472	3.000
Totals per Fiscal Year (x $1,000,000)					1.638		5.894		4.404		5.314		3.656
Clark County (SWLVV) 10-Year Total :		**$60,410,001**											

Exhibit C

CHANGES TO THE 94/95
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UPON UPDATE FOR 95/96

file N:\CCRFCD\10YEAR\FY95_96\CHNG9596.xls

Facility Description	Planning Area	Project Cost	Priority Value	Notes	FY 94/95 (Current Year) Design /ROW	FY 94/95 Const.	FY 95/96 (Year 1) Design /ROW	FY 95/96 Const.	FY 96/97 (Year2) Design /ROW	FY 96/97 Const.	FY 97/98 (Year 3) Design /ROW	FY 97/98 Const.	FY 98/99 (Year 4) Design /ROW	FY 98/99 Const.	FY 99/00 (Year5) Design /ROW	FY 99/00 Const.
					5.550 Old Program		5.550 Unchanged		5.550 New Program							
CLARK COUNTY (Outlying Areas) :																
Hiko Springs Det. Basin Outfall	Laughlin	$3,000,000	*			*1.000* 1.200			0.250	1.891		0.859				
Goodsprings - Phase 1 Improvements	Goodsprings	$352,700	*	Design funded				*0.500*		0.500						
Searchlight - Eastern Portion Improvements	Searchlight	$405,800	*	Design funded												
Bunkerville	Bunkerville	$1,297,000	*	Design funded				*1.591*		1.294 0.297						
Muddy River	Moapa Valley	$8,259,000	*		1.800		1.650					*2.480* 4.172		*0.255* 2.435		
Overton Wash/ Railroad Channel	Moapa Valley	$15,350,000	*				Prioritized for funding by Board action 1/12/95. Funds accrue by 2/96				*0.300*		*1.136*	1.500		*0.600*
Blue Diamond	Blue Diamond	$170,000	*												0.038	0.212
Bridge Canyon - Floodway/Outfall	Laughlin	$9,250,000	*												*0.628* 0.576	3.000
Indian Springs	Indian Springs	$594,700	*													
Totals per Fiscal Year (x $1,000,000)						0.000		1.650		4.232		5.031		3.935		3.826
Clark County (Outlying) 10-Year Total : $33,809,000																
CITY OF MESQUITE																
Phase II Bank Protection I15 to Virgin River	Town Wash **NEW**	$2,660,000	*													
Earthen Channel I15 to Virgin River	Abbott Wash **NEW**	$2,100,000	*													
I15 to Virgin River	Pulsipher Wash **NEW**	$1,200,000	*													
Totals per Fiscal Year (x $1,000,000)						0.000		0.000		0.000		0.000		0.000		0.000
City of Mesquite 10-Year Total : $5,960,000																
BOULDER CITY																
Channel & Box Culverts	West Airport	$2,700,000 **NEW**	*													
Basin,Channels, Culverts & Drains	North Railroad	$1,755,000 **NEW**	*													
Replace Culverts	Georgia/ Buchanan	$600,000 **NEW**	*													
Totals per Fiscal Year (x $1,000,000)						0.000		0.000		0.000		0.000		0.000		0.000
Boulder City 10-Year Total : $5,055,000																
Program Total per Fiscal Year (x $1,000,000)					(c)	0.000		24.722		24.494		24.715		24.201		24.799
Projected Revenue Per Fiscal Year (x $1,000,000)					(a)	16.281	(a)	28.238		20.996		21.795		22.614		23.457
Remaining Revenue Per Fiscal Year (x$1,000,000)						16.281		3.517		(3.498)		(2.920)		(1.586)		(1.342)
10-Year Total 95/96 thru 04/05 : $249,951,501																
10-Year Projected Revenue: $247,768,534																

(a) Includes revenue income, $2.827M acrued in 94/95 for 95/96 project and $6.199M remaining from previously set aside for COE.

Exhibit C

CHANGES TO THE 94/95
10-YEAR CONSTRUCTION PROGRAM
UPON UPDATE FOR 95/96

file N:\CCRFCD\10YEAR\FY95_96\CHNG9596.xls

Facility Description	Planning Area	Project Cost	Priority Value	FY 00/01 (Year 6) Design /ROW	FY 00/01 (Year 6) Const.	FY 01/02 (Year7) Design /ROW	FY 01/02 (Year7) Const.	FY 02/03 (Year 8) Design /ROW	FY 02/03 (Year 8) Const.	FY 03/04 (Year 9) Design /ROW	FY 03/04 (Year 9) Const.	FY04/05 (Year 10) Design /ROW	FY04/05 (Year 10) Const.
CLARK COUNTY (Outlying Areas) :													
Hiko Springs Det. Basin Outfall	Laughlin	$3,000,000	*										
Goodsprings - Phase 1 Improvements	Goodsprings	$352,700	*										
Searchlight - Eastern Portion Improvements	Searchlight	$405,800	*						0.406				
Bunkerville	Bunkerville	$1,297,000	*										
Muddy River	Moapa Valley	$8,259,000	*										
Overton Wash/ Railroad Channel	Moapa Valley	$15,350,000	*				0.819		2.680		2.998		1.963
Blue Diamond	Blue Diamond	$170,000	*										
Bridge Canyon - Floodway/Outfall	Laughlin	$9,250,000	*		*1.420* 3.951		*3.037* 1.723		*1.500*		*1.600*		
Indian Springs	Indian Springs	$594,700	*	*0.090* 0.100			0.495						
		Totals per Fiscal Year (x $1,000,000)			4.051		3.037		3.086		2.998		1.963
		Clark County (Outlying) 10-Year Total :	**$33,809,000**										
CITY OF MESQUITE													
Phase II Bank Protection I15 to Virgin River	Town Wash **NEW**	$2,660,000	*									0.399	2.261
Earthen Channel I15 to Virgin River	Abbott Wash **NEW**	$2,100,000	*									0.315	1.785
I15 to Virgin River	Pulsipher Wash **NEW**	$1,200,000	*									0.180	1.020
		Totals per Fiscal Year (x $1,000,000)			0.000		0.000		0.000		0.000		5.960
		City of Mesquite 10-Year Total :	**$5,960,000**										
BOULDER CITY													
Channel & Box Culverts	West Airport	$2,700,000 **NEW**	*									2.700	
Basin Channels, Culverts & Drains	North Railroad	$1,755,000 **NEW**	*									1.755	
Replace Culverts	Georgia/ Buchanan	$600,000 **NEW**	*									0.600	
		Totals per Fiscal Year (x $1,000,000)			0.000		0.000		0.000		0.000		5.055
		Boulder City 10-Year Total :	**$5,055,000**										
		Program Total per Fiscal Year (x $1,000,000)			23.230		23.059		24.027		26.970		29.736
		Projected Revenue Per Fiscal Year (x $1,000,000)			24.322		25.203		26.111		27.038		27.994
		Remaining Revenue Per Fiscal Year (x$1,000,000)			1.092		2.144		2.084		0.068		(1.742)
		10-Year Total 95/96 thru 04/05 :	**$249,951,501**										
		10-Year Projected Revenue:	**$247,768,534**										

(a) Includes revenue income, $2.827M acrued in 94/95 for 95/96 project and $6.199M remaining from previously set aside for COE.

FY 95-96 10-Year CIP

DEPARTMENT OF PUBLIC WORKS

FAX COVER SHEET

Please Notify Addressee That They Have Received A Fax

DATE: 11-21-94 FAX NUMBER: 455-3870

TO: GALE FRASER
RFCD

ADDRESSEE'S TELEPHONE NUMBER: ~~455-8~~ 455-3189

MESSAGE

INFO ON RFCD ACTIONS TO 10 YEAR PROGRAM. NOTE, FIRST TWO ON LIST WERE NOT EVEN ON 10 YR PROG. AT THE TIME FUNDING WAS REQUESTED.

NUMBER OF PAGES (INCLUDING THIS TRANSMITTAL SHEET): 2

FROM: DENIS GOODBURN

SENDER'S TELEPHONE NUMBER: 455-8311

This Message Originated From The Following Public Works Office/Fax Machine

Check (✓) one:

- ☐ Administration -- (702) 455-7764
- ☐ Beltway Office -- (702) 455-8284
- ☐ Community Development -- (702) 388-2550
- ☐ Construction/Design -- (702) 455-8314
- ☐ Environmental Control -- (702) 252-5008
- ☐ Maintenance Management -- (702) 435-4702
- ☐ Traffic Operations/Vector Control -- (702) 454-8968
- ☐ Quality Control/Materials Lab -- (702) 455-7464

XDBP: Revised 08/94

PREVIOUS RFCD ACTIONS TO AMEND 10 YEAR PROGRAM

DATE	PROJECT	ACTION
8-13-92	Meadow-Alta Storm Drain	Added project to first year of 10 Year Program and approved $954,000 in funding. Reduced Oakey Detention funds.
8-13-92	Freeway-Channel Sahara to Ivanhoe	Added project to first year of 10 Year Program because NDOT was building a single box for drainage on the I-15 Sahara Flyover and MP proposed double boxes. To reduce future cost, project was added even though no RFCD connections were proposed for 10 to 15 years. Project was 50/50 cost share with NDOT. RFCD share $710,000.
11-12-92	Lower Duck Creek Basin	Moved predesign from second year to first year of program. Predesign for Tropicana Basin was deleted from first year to provide $300,00 for predesign.
12-10-92	Camino Al Norte	Added project to first year of 10 Year Program because of opportunity for 51% participation by developer. Reduced obligation to Western Tributary in year nine of 10 Year Program to provide $300,000.
3-11-93	Washington Avenue Conveyance (Virgil to Lena)	Moved funding programmed for years four and five to year one for construction. Total moved $3,350,000.
3-11-93	C-1 Channel	Moved funding and project programmed in year three to year one. $200,000 impact.
8-11-93	Kyle Canyon Detention	Originally proposed by NLV 5/93. Approved changes to 10 Year Program that moved project to a current year project and provided uncommitted bond funds of $3,800,000. Total project cost $13,113,000.
11-15-93	Cheyenne Channel Crossing	Moved funding programmed in 94/95 to 93/94 because of opportunity to obtain 51% developer participation, $709,000.
12-9-93	Sloan Channel-Las Vegas Wash to Owens	Moved funding of $2,150,000 from FY 94/95 to be added to FY 93/94 programmed amount of $2,400,000 for total of $4,550,000.
1-13-94	Washington Avenue Conveyance Lena Street to Eastern	Moved project construction from years two and four to year one. Total amount from future projects $5,384,000.